

INSTITUTIONAL ACCREDITATION

SELF STUDY REPORT

Submitted to



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

National Assessment and Accreditation Council (NAAC)

An Autonomous Institution of the University Grants Commission
P.O. Box No. 1075, Nagarbhavi, Bangalore - 560 072

By

KITS

KKR & KSR Institute of Technology & Sciences

Approved by AICTE, New Delhi | Affiliated to JNTU, Kakinada



College: Vinjanampadu, Pratipadu Road, Guntur - 17

KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES

Approved by AICTE, New Dehli | Affiliated to JNTUK, Kakinada

(Sponsored by GSR & KKR Educational Society. Regd No: 448/2007, dated: 15.10.2007, Registered under Society Registration act 35 of 2001.)



Dr. P. Babu M.E., Ph.D
Principal

College Code: JR

Date: 18/04/2016

To
The Director
NAAC, Bengaluru.

Dear Sir,

Sub: Submission of 5 Copies of SSR Prints – KKR & KSR Institute of Technology and Sciences, Guntur- Reg.

Ref: NAAC/CAPU/SR/ APCOGN26151/1st Cycle/2016, NAAC, dated 6-April-2016 with tracking ID: APCOGN26151.

With reference to the above, We have prepared the SSR and I would like to submit the print copies of 5sets for your kind perusal, along with DD worth Rs.3,43,500 Dt:18/04/2016 No: _____ drawn branch: UCO Bank.

I request you to kindly arrnage the visit team during the following dates.

- Set 1: 16th to 18th May 2016,
- Set 2: 23rd to 25th May 2016, and
- Set 3: 1st to 3rd June 2016

Hence I request you to kindly permit us to proceed further.

Anticipating the acknowledgement as soon as you receive this letter.

Thanking you,

Yours sincerely,

PRINCIPAL

Encloses :

1. 5 Sets of SSR Print, One Soft copy.
2. DD of Rs.3,43,500, DD No:
3. AICTE approval letter.
4. JNTUK affiliation letter.
5. Under-taking letter from principal.
6. LOI from Dy.Advisor from NAAC.

4/17/2016

Gmail - LOI Acceptance



kits subba rao <kitsgnt@gmail.com>

LOI Acceptance

3 messages

CAPU SOUTH <capusouth@gmail.com>

Wed, Apr 6, 2016 at 2:25 PM

To: kits subba rao <kitsgnt@gmail.com>, pentela_babu@yahoo.co.in

*Dear Principal,**Greetings from NAAC*

This has reference to your LOI bearing Track ID **APCOGN26151** dated 24/03/2016. As your LOI is accepted on 06/04/2016 you are advised to proceed further for submission of SSR. Acceptance of your SSR is subject to strict adherence to the timelines and procedural formalities of NAAC as given below:

- Must submit **five** hard copies and **one** soft copy (CD) of SSR along with the applicable A&A fee to NAAC within **two weeks from the date of acceptance of the LOI. Kindly note that hard copies of SSR/SAR should be submitted by post/ courier only. SSR/SAR will not be accepted by hand in NAAC office.**
- **There will be no relaxation in the time schedules for submission of hard copies of SSR**
- Before submitting the hard copies of SSR you are requested to ensure, that the uploaded SSR and the hard copies of the SSR are as per the prescribed manual/formats of NAAC and mandatorily includes the following:
 1. Preface and covering letter from the Head of the Institution
 2. Executive Summary – The SWOC analysis of the institution
 3. Profile of the Institution
 4. Criteria-wise analytical report
 5. Inputs from each of the Department in the format provided.
 6. Declaration by the Head of the Institution
 7. Compliance certificate

In case, all the inputs as listed above are not included or the SSR is not in the prescribed format your SSR will be rejected without any further notice and your application will be closed. In case of rejection of your SSR, you have to follow the process of assessment all again by submitting the online LOI and paying the Registration fees.

- Quote your assigned track ID **APCOGN26151** in all your future online/offline submissions and correspondence with NAAC.
- **“Only Government and Govt-Aided colleges covered under 2f and 12 B of UGC Act, 1956, and getting General development grants during XII Plan” are eligible for exemption of Accreditation fees subject to the production of valid documentary evidence (Please note that the name of the institution in the UGC records should be the same as that in LOI for claiming exemption of fees). All other colleges have to pay the Accreditation fees as per the revised NAAC fees structure.**

Please note that, if at any point of time while processing your application, NAAC finds that the information provided by the institution in the LOI, IEQA, SSR or in the supporting documents is incorrect or misleading your application for assessment and accreditation will be rejected. NAAC will not be liable for the consequences arising out of such a rejection including refund of the fees or any other expenditure incurred by the institution in the process.

For any further clarification kindly log on to NAAC website www.naac.gov.in or contact the Help Desk Phone Numbers 080-23005192 / 080-23005193 and may also contact CAPU-NAAC through e-mail capusouth@gmail.com

4/17/2016

Gmail - LOI Acceptance

Yours sincerely

For CAPU

Kits Subba rao <kitsgnt@gmail.com>
To: Ravindra Krishna Maganti <mrkmtm@gmail.com>

Wed, Apr 6, 2016 at 2:28 PM

[Quoted text hidden]

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K. Subba Rao / Chairman
KKR & KSR Institute of Technology & Sciences (KITS)
Ph: 0863 - 2286699,9951713366

Pentela Babu <pentela_babu@yahoo.co.in>
Reply-To: Pentela Babu <pentela_babu@yahoo.co.in>
To: "kitsgnt@gmail.com" <kitsgnt@gmail.com>, Ravindra Krishna Maganti <mrkmtm@gmail.com>

Thu, Apr 7, 2016 at 10:32 AM

[Quoted text hidden]

PREFACE

KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES, popularly known as KITS was established in the year 2008, by GSR & KKR EDUCATIONAL SOCIETY in Vinjanampadu village, Vatticherukuru Mandal of Guntur district by Sri.Koye Subba Rao. KITS is located away from the hustle and bustle of the city life in a scenic and serene environment spread over an expansive 10.9425 acres amidst the lush greenery of mirch and cotton fields of Vinjanampadu Village just 5 kms away from Guntur, the major city of the capital region of Andhra Pradesh. The institute has set a benchmark in providing its students the very best in terms of infrastructure and faculty. The college meticulously implements quality policy. With absolute discipline, well ventilated classrooms, multimodal teaching methodology, campus placement training, caring teachers, committed staff, proactive managing committee, vigilant security, a dedicated canteen, a fleet of buses, a mineral water plant, spacious auditorium, and outdoor grounds, power backup with 3 generators. KITS a unique professional college in the state of Andhra Pradesh. KITS is affiliated to Jawaharlal Nehru Technological University Kakinada, and approved by AICTE. The college offers 5 Under graduate and 5 Post graduate programmes in engineering and management approved by AICTE. The college has a sprightly academic ambience with a strength of 2609 students pursuing various programmes. KITS upholds the idea that workplace is an abode of home and the staff and the students are its members of family. The institute is a symbol of egalitarian outlook without discretions. KITS student activity council is organized exclusively by students with representatives from various disciplines stands for the advocacy of democracy and leadership opportunities provided by the institute. KITS student clubs enable all the students and staff mingle freely to express their views and share their talents and expertise. KITS imparts Outcome Based Education (OBE) which gives equal opportunities to teaching and learning curricular, co-curricular and extra-curricular activities. Motivational talks, spiritual discourses, academic seminars, career guidance and advice by prospective employers, educational counseling, remedial classes, intramural literary and cultural competitions, competitions in sports and games, project exhibitions, student symposiums, parades and drills, community service, campaigning for socially useful causes, participating in awareness programmes, placement drives, College day and Techno-Cultural Festivals provide KITS students a comprehensive and satisfying learning experience.

INDEX

S. No.	Description	Page No.
1	Part A: Executive Summary	12 – 18
2	Part B: Institution Profile	19-27
3	Part C	28
	Criterion 1	29
	1.1 Curriculum Planning and Implementation	30-46
4	1.2 Academic flexibility	46-52
	1.3 Curriculum Enrichment	53-61
	1.4 Feedback System	62-68
	Criterion 2	69
	2.1 Student Enrolment and Profile	71-84
	2.2 Catering to Student Diversity	84-89
5	2.3 Teaching-Learning Process	89-104
	2.4 Teacher Quality	104-109
	2.5 Evaluation Process and Reforms	109-115
	2.6 Student Performance and Learning Outcomes	115-121
	Criterion 3	122
	3.1 Promotion of Research	123-148
	3.2 Resource Mobilization for Research	148-151
6	3.3 Research Facilities	151-156
	3.4 Research Publications and Awards	157-189
	3.5 Consultancy	189-192
	3.6 Extension Activities and Institutional Social Responsibility	192-213
	3.7 Collaborations	213-221
	Criterion 4	222
	4.1 Physical Facilities	223-245
7	4.2 Library as a Learning Resource	245-253
	4.3 IT Infrastructure	253-259
	4.4 Maintenance of Campus Facilities	259-267

	Criterion 5	268
8	5.1 Student Mentoring and Support	269-302
	5.2 Student Progression	302-309
	5.3 Student Participation and Activities	309-321
	Criterion 6	322
9	6.1 Institutional Vision and Leadership	323-329
	6.2 Strategy Development and Deployment	329-354
	6.3 Faculty Empowerment Strategies	355-370
	6.4 Financial Management and Resource Mobilization	370-371
	6.5 Internal Quality Assurance System (IQAS)	371-374
	Criterion 7	375
10	7.1 Environment Consciousness	376-377
	7.2 Innovations	377-388
	7.3 Best Practices	388-392
11	Department Evaluation Reports	393
	Department of Electronics & Communications Engineering	394-412
	Department of Electrical & Electronics Engineering	413-424
	Department of Computer Science & Engineering	425-452
	Department of Mechanical Engineering	453-466
	Department of Civil Engineering	467-476
	Department of Management Studies	477-483
12	AICTE Approval Letter	484-489
13	University Affiliation Letter	490-493
14	Building Plans	494-503
15	Declaration	504-506
16	Compliance	507-509

Part A

Executive Summary

EXECUTIVE SUMMARY

KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES (KITS) was established in the year 2008, by GSR & KKR EDUCATIONAL SOCIETY in Vinjanampadu village, Vatticherukuru Mandal of Guntur district by Sri. Koye Subba Rao. The Institution was started with four AICTE approved undergraduate programmes in Departments of Electrical and Electronics Engineering (EEE), Electronics and Communications Engineering (ECE), Computer Science and Engineering (CSE), Information Technology (IT) with an overall intake of 240 students. Later programmes in MBA, Departments of Civil Engineering and Mechanical Engineering were inducted. From the year 2015-16, the college has grown manifold with a total student intake of 906 pursuing courses in 5 undergraduate and 5 postgraduate programmes. The vision of the Institute is to impart quality education through exploration and experimentation and generate socially-conscious engineers, embedding ethics and values, for the advancement in Science and Technology, though the affiliating University introduces curriculum based on the feedback of industry, students and faculty members, the Institute assesses the existing curriculum and adds extra topics beyond the syllabus. Electives are offered by the affiliating University at both post graduate and under graduate levels in terms of specializations. All programmes offered by the Institute are semester based. The intake of programmes approved by AICTE and affiliated to JNTUK Kakinada is as follows.

S.NO.	Programme	Branch	Intake
1	B.Tech	Civil Engineering	120
2	B.Tech	Electrical and Electronics Engineering	60
3	B.Tech	Mechanical Engineering	120
4	B.Tech	Electronics and Communication Engineering	180
5	B.Tech	Computer Science and Engineering	180
6	MBA	Master of Business Administration	120
7	M.Tech	VLSI	36
8	M.Tech	DECS	18
9	M.Tech	PE&D	36
10	M.Tech	CSE	36

Teaching – Learning and Evaluation

The Institute strives to achieve excellence in teaching and learning by recruiting well qualified and dedicated teaching faculty and also maintains an unmatched retention ratio. 70% of admission are carried out through Convener, APSCHE and 30% of admission are carried out through category 'B' seats which is purely based on merit. Meticulous planning for teaching in the beginning of every semester paves the way for efficient teaching environment.

Faculty: The academic programmes and all academic activities of the institute are supported by a strong contingent of 164 well qualified and experienced faculty of which 15 are Ph.D. holders and the remaining with master's degree.

Preparation of Time-tables and Lesson Plans Subjects prescribed in the regulations of JNTUK, Kakinada are allocated to the faculty based on their competencies and areas of expertise and specialization. For newly introduced subjects, head of the department forwards a request through proper channel to conduct a Faculty Development Program (FDP). The FDPs are conducted for faculty. Subjects are allocated well in advance and lesson plan and tutorial questions are prepared well ahead and distributed to the students. The coverage of syllabus is monitored centrally and department-wise before the commencement of mid examinations. Discrepancies in coverage of syllabus, if any, are brought to the notice of Head of the Department by the monitoring committee.

Method of Teaching

The Institute continuously uses innovative methods of teaching, learning and evaluation process. In teaching, it adopts a student centric approach to achieve the desired learning outcomes. Interactive learning techniques like seminars, tutorials, video lectures and programming contests, major and mini projects enrich the teaching learning experience. Apart from the JNTUK prescribed syllabus, special coaching is given on communication skills and aptitude to prepare the students for competitive and placement examinations. Teachers prepare Course Files that include lesson plans, lecture notes, teaching methodology, objectives and outcomes, a record of classroom interaction and comprehensive performance of the students.

Tests, Performance, Monitoring and Evaluation

The Institute has a continuous evaluation system. Internal assessments are conducted as per the guidelines of affiliating University. In addition to the university prescribed examinations, continuous assessment of the students is done by administering weekly slip tests in all the subjects. The internal marks and attendance will be communicated to their parents during the weekly counseling and special counseling sessions by the staff counselors. The Examination Cell also communicates the internal marks and attendance report by post every month. The same marks are uploaded to the JNTUK, Kakinada Portal. Students with poor performance are identified and a

special focus in the form of remedial teaching is given to strengthen them both by the faculty counselor and subject teachers.

Research, Consultancy and Extension

The institute encourages students and faculty to involve in research activities through its Research and Development Cell. If any project is sanctioned, full support to the Principle Investigator/Project Head is provided to implement the research scheme within the time frame. To create the zeal among students and teachers, college has procured sophisticated equipment, updated library facilities and latest valued research journals. Every month a review meeting is held to note the status of research and funded projects.

The Institute has 15 Doctorates and 27 members of the staff are pursuing their doctoral research at various universities. The Institute encourages research among its faculty and students in various ways like sponsoring them to present and publish papers in national and international journals, conferences, by providing them academic leave for research, conducting student technical symposiums, faculty development programs, workshops to name a few.

Infrastructure and Learning Resources

The institution very firmly believes that good teaching learning process requires ideal conditions. So, KITS has made it a policy that no compromise should be made in establishing infrastructural facilities and accordingly developed the infrastructure and facilities as per AICTE norms. Good infrastructure like well ventilated classrooms, well equipped laboratories, hygienic canteen, excellent transport facility, LAN campus, library with internet facility and reading rooms, play grounds, power backup. There are 6 disciplines of study namely, Civil Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Electronics and Communications Engineering, Computer Science and Engineering, Master of Business Administration and the common libraries, seminar and conference halls, training and placement cell, examinations cell, chambers of the chairman, the Secretary and the principal and the office. Each Academic has its own modern up-to-date computer lab along with state-of-the-art departmental laboratories. There is a fully furnished spacious seminar hall with a seating capacity of 400, serving as platform for the state level annual cultural festival with a participation of students from a good number of engineering colleges.

The Institute has an excellent library with reprographic facilities and also includes a digital library making it, in fact, one of the best libraries. The campus has a mineral water plant and rain water harvesting mechanism to optimize water resources. This Institute uses EZ school software to maintain student profile and attendance. The student performance data is shared with the parents on a periodic basis. There is an online evaluation system, useful for Training & Placements, based on Moodle Server that can be accessed online through student logins even from their homes.

Student Support and Progression

Various programs are synchronized to take care of the curricular, co-curricular and extra-curricular aspects of education. Formative tests are conducted and the academically weak students are given extra support. Remedial classes are held for academically poor students. Customization and counseling the students are the healthy practices that help faculty to build a rapport with the students and reach out to them accordingly. Student Grievance Redress Cell effectively functions on the campus. The institution provides necessary coaching to enable the students to take up various competitive exams. These include GRE, TOEFL, IELTS, GATE, in-house campus recruitment training, etc. The College has well equipped language laboratories which are of help to the students in improving their communication skills. The institute also focuses on improving computer literacy among its students by arranging special lecture sessions to those students who are less exposed to computer usage and programming. Students are highly encouraged to participate in competitions conducted within the campus and elsewhere. They are provided financial assistance to meet the travel, food and accommodation expenses when they go for paper presentations and other academic related activities. There are medical facilities in the campus for first aid.

Governance Leadership and Management

KKR &KSR INSTITUTE OF TECHNOLOGY AND SCIENCES , popularly known as KITS was established in the year 2008, by GSR & KKR EDUCATIONAL SOCIETY in Vinjanampadu Village, Vatticherukuru Mandal, Guntur district with Sri. Koye Subba Rao as chairman and Sri. Koyi. Sekhar as Secretary - hereafter referred to as **Management** who works hard to keep the momentum in all the activities of learning and implementation of result oriented programmes that bring excellence and quality in teaching-learning processes in professional colleges.

The Governing Body comprising members from the Society, Industry, JNTUK and AP State Technical Education conducts at least two meetings in an academic year and discusses problems faced in the past and how to rectify them in the future. It advises and direct the Principal to act accordingly and the Principal takes the message to the faculty. The development, supervised by the management, comprises extension of building, providing additional facilities, introduction of new courses, inclusion of new faculty, student admissions, etc.

The management conducts periodical staff meetings to review the quality policy and development of the institution. It also arranges for the confidential evaluation of the teachers and the overall institutional performance by the students, which is persued by the Principal to take necessary steps toward institutional development. Income/expenditure is closely monitored by a Chartered Accountant and over seen by the Management. VI Pay scales as per AICTE norms are paid to all staff on the 2nd day of every month.

Departments

The democratic set-up is extended with six departments –Department of Civil Engineering (CE), Department of Electrical and Electronics Engineering (EEE), Department of Mechanical Engineering (ME), Department of Electronics and Communications Engineering (ECE) and Department of Computer Science and Engineering (CSE), Department of Management studies (MBA). Each department is headed by a senior professor and is given full freedom to innovate and plan its perspectives of development. Organizational hierarchy is maintained to ensure administrative harmony. Empowerment through total decentralization of the departmental administrative system into several committees and units headed by senior faculty, promotes co-operation, sharing of knowledge and innovations. Separate departmental budgets ensure that there is no unprecedented resource crunch. The departmental libraries are stacked with a good number of reference books and journals. The departments also work as nodal centers that facilitate liaison among various stakeholders. Inter-departmental collaborations for R&D activities are encouraged.

Laboratories

The college has sophisticated laboratories as per the norms laid down by AICTE. The college has an exclusive English Communication Skills Laboratory equipped with multimedia systems.

SWOC ANALYSIS

Strengths

- Qualified and experienced faculty .
- Excellent infrastructure in terms of laboratories and latest systems with required software.
- Emphasis on learning with multimodal teaching methods.
- Good interpersonal cooperation and interdepartmental coordination.
- Highly supportive management.
- A consistent increase in the quality of students.
- Placements are improving year by year.
- 80% of students are becoming graduates and post graduates every year.
- Sponsoring faculty for acquiring higher qualification (Ph.D.) under QIP.

Weaknesses

- Students lack communication skills at entry level as many of them do not get exposed to English speaking environment.
- Students hail from rural background. As such their sociable skills are low initially.

Opportunities

- The college can diversify into related business with ease and comfort.
- Abundant opportunities exist for the college to achieve autonomous status.

- The college plans to get UGC grants for seminars and also for conducting research.

Challenges

- The college faces intense competition from other engineering colleges and deemed universities.
- Retention of Qualified Faculty consistently.

Part B

Institution Profile

Institution Profile

1. Profile of the Affiliated / Constituent College

1. Name and Address of the College:

Name	KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES		
Address	VINJANAMPADU POST, VATTICHERUKURU MANDAL, GUNTUR		
City	GUNTUR		
Pin	522017	State	ANDHRA PRADESH
Website	www.kitsguntur.ac.in		

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. P. BABU	0863- 2286677(O) 0863- 2354957(R)	9441915837	0863-2286555	principaljr@gmail.com
Vice Principal	Prof. T.Srinivasa Rao	0863- 2286677(O)	9492085414	0863-2286555	Srthummala@gmail.com
Streening Committee Co-Ordinator	Dr. M.Ravindra Krishna	0863- 2286677(O)	9440122374	0863-2286555	mrkmtm@gmail.com

3. **Status of the Institution** : Affiliated College

4. Type of Institution:

a. **By Gender** : Co-education

b. **By Shift** : Regular

5. **It is a recognized minority institution:** NO

6. **Sources of funding** : Self Financing

7. a. **Date of establishment of the college:** 30-06-2008

b. **University to which the college is affiliated /or which governs the college (If it is a constituent college)** : JNTUK, KAKINADA, Andhra Pradesh

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	No	
ii. 12 (B)		

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

d. Details of recognition/approval by statutory/regulatory bodies other than UGC

(AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/ clause	Recognition/Approval details Institution/Department Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i.	South central/1- 2814036308/2016/EOA (AICTE Reference number for Extension of Approval)	05-04-2016	Up to 2016- 17 Academic Year	Nil

(Enclose the recognition/approval letter)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges: Yes

If yes, has the College applied for availing the autonomous status: No

9. Is the college recognized?

a. by UGC as a College with Potential for Excellence (CPE): No

b. for its performance by any other governmental agency: No

10. Location of the campus and area in sq.mts:

Location *	Rural
Campus area in sq. mts.	44,283.2
Built up area in sq. mts.	17,973.96

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement. Auditorium/seminar complex with infrastructural facilities

Sports facilities:

a. Play Ground : Yes

b. Gymnasium : No

Hostels

- **Boys Hostels** : Not Available
- **Girls Hostels** : Not Available
- **Working Womens Hostels** : Not Available

Residential facilities for teaching and non-teaching staff (give numbers available— cadre wise)

- **Cafeteria** : Yes
- **Health centre** : Yes

First aid facility, Health centre staff

Qualified doctor

- Full time : No Part time : Yes

Qualified Nurse

- Full time : Yes Part time : No

Facilities like banking, post office, book shops , ATM : Yes

Transport facilities to cater to the needs of students and staff : Yes

Animal house : Not Applicable

Biological waste disposal : Not Applicable

Generator or other facility for management/regulation of electricity and voltage : Yes

Solid waste management facility : Not Available

Waste water management : Not Available

Water harvesting : Yes

12. Details of programmes offered by the college (Give data for current academic year)

SL No.	Programe- Me Level	Name of the Progra- me/ Course	Duration	Entry Qualification	Medium of instru- ction	Sanctioned/ approved Student strength	No. of students Admit- ed
1	nder-Graduat	B.Tech (CE)	4 Years	Intermediate, 10+2	English	120	110
		B.Tech (EEE)	4 Years	Intermediate, 10+2	English	60	46
		B.Tech (ME)	4 Years	Intermediate, 10+2	English	120	105
		B.Tech (CSE)	4 Years	Intermediate, 10+2	English	180	180

		.Tech (ECE)	4 Years	Intermediate, 10+2	English	180	177
2	Post-Graduate	M.Tech (CSE)	2 Years	B.E./B.TECH/MSC/MCA	English	36	6
		M.Tech (VLSI)	2 Years	B.E./B.TECH	English	36	8
		M.Tech (PE&D)	2 Years	B.E./B.TECH	English	36	2
		M.Tech (DECS)	2 Years	B.E./B.TECH	English	18	0
		MBA	2 Years	Any degree graduates	English	120	78

13. Does the college offer self-financed Programmes: No

14. New programmes introduced in the college during the last five years if any: Yes

S.NO.	UG/PG	PROGRAMME
1	UG	B.Tech in Mechanical Engineering
2	PG	M.Tech in Computer Science and Engineering
3	PG	M.Tech in Power Electronics & Drives
4	PG	M.Tech in VLSI
5	PG	M.Tech in DECS

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments (eg. Physics, Botany, History etc.)	UG	PG	Research
Engg. &Tech	Civil Engineering	Yes	No	No
Engg. &Tech	Computer Science & Engineering	Yes	Yes	No
Engg. &Tech	Electrical and Electronics Engineering	Yes	Yes	No
Engg. &Tech	Electronics and Communication Engineering	Yes	Yes	No
Engg. &Tech	Mechanical Engineering	Yes	No	No

Management	Master of Business Administration	No	Yes	No
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16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com...):

Year System : Not Applicable

Semester System : Not Applicable

Trimester : Not Applicable

17. Number of Programmes with:

a. Choice Based Credit System : 10

b. Inter/ Multidisciplinary Approach : Nil

c. Any other (Specify :Semester based) : 0

18. Does the college offer UG and/or PG programmes in Teacher Education: No

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy)

and number of batches that completed the programme : No

19. Does the college offer UG or PG programme in Physical Education: No

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the Management/ society or other authorized bodies <i>Recruited</i>	16	1	16	3	77	51	57	31	18	7

*M-Male *F-Female

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
Ph.D.	11	1	2	1	0	0	15
M.Phil.	0	0	2	0	6	3	11
PG	5	0	12	2	71	48	138

22. Number of Visiting Faculty /Guest Faculty engaged with the College. 01

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	Year 1		Year 2		Year 3		Year 4	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	65	13	30	6	33	4	40	9
ST	3	1	2	1	5	0	1	1
OBC	149	81	114	61	113	38	109	55
General	231	169	273	227	228	221	191	190
Others	0	0	0	0	0	0	0	0

24. Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	Total
Students from the same state where the college is located	618	94	712
Total	618	94	712

25. Dropout rate in UG and PG (average of the last two batches):

- UG : < 1 %
- PG : < 1 %

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) including the salary component :Rs.49921/-

(b) excluding the salary component : Rs.24995/-

27. Does the college offer any programme/s in distance education mode (DEP): No

28. Provide Teacher-student ratio for each of the programme/course offered

S.NO.	Name of the Department	Faculty – Student Ratio
1	Civil Engineering	1:20
2	Electrical and Electronics Engineering	1:17
3	Mechanical Engineering	1:22
4	Electronics and Communication Engineering	1:18
5	Computer Science and Engineering	1:14
6	Master of Business Administration	1:15

29. Is the college applying for

➤ Accreditation : Cycle 1 : Yes

➤ Re-Assessment: Not Applicable

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)

30. **Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only):** Not Applicable

31. **Number of working days during the last academic year:** 289

32. **Number of teaching days during the last academic year :** 192

33. **Date of establishment of Internal Quality Assurance Cell (IQAC):** 10/03/2016

34. **Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.:** Not Applicable

35. **Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information):**

Institute has intercom; CC camera surveillance, KITS portal to access the student information by individual students and by faculty, Parent log-in facility to view his ward progress

Part C

CRITERION-1

1.1 Curriculum Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

Vision: To produce eminent and ethical Engineers and Managers in society by imparting quality Professional education with emphasis on human values and holistic excellence.

Mission:

- To incorporate benchmarked teaching and learning pedagogies in curriculum.
- To ensure all round development of students through judicious blend of curricular, co curricular and extracurricular activities.
- To support cross-cultural exchange of knowledge between industry and academy.
- To provide higher/continued education and research opportunities to the employees of the institution.

Objectives:

- The accelerating pace of technological developments has created an ever-increasing demand for highly qualified, professional engineers.
- Expanding population and corresponding demands for new products, structures, designs and improved services have been posing new challenges to the present and future engineers. Hence, the main objective of KKR & KSR Institute of Technology is to transform the students into meaningful citizens through well prepared socially committed patterns of instructions and well-designed curricular aspects.

Short Term Objectives:

- To improve the performance of students in University Examinations.
- To enhance the participation of students and faculty members in National and International seminars and conferences.
- To arrange special coaching for rural students to improve their communication Skills and to design various short term courses to promote the concept of “learning beyond the syllabus”.
- To strengthen and enhance Industry-Institute interaction.
- To nurture leadership qualities among students through encouraging them to participate in the activities of professional societies at College, State, National and International levels.

Long Term Objectives:

- To promote Research and Development activities with special emphasis on the “Emerging Technologies” and “Interdisciplinary areas”.
- To endeavor and develop the college into an “Autonomous Institution”.

- To promote symbiosis with the neighboring industries and chalk out programmes for the mutual benefit.
- To promote various technical and skill based schemes in neighboring villages to uplift the underprivileged section of the society and through these activities inculcate a strong social commitment in budding Engineers.

Communication to Stakeholders:

- Mission and vision statements are displayed in the form of display boards in all the classrooms, laboratories, staff rooms, corridors and offices of the department including department notice boards.
- Mission and vision statements are prominently published in each department's home page of the college website which is frequently viewed by all stakeholders of the programme.
- It is communicated to the students and parents through college prospectus, Newsletter, handbook and also orally during the induction program.
- Mission and vision statements are printed in the student handbooks which are published in hard/soft copy every semester and are given to students.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

The institution devised action plans for effective implementation of the curriculum prescribed by the JNTU-K. As part of the plan, Heads of the Departments and senior members of the faculty have meetings to organize strategies to implement the curriculum. Faculty are oriented to implement the plan. They are also encouraged to use innovative teaching methods such as presentations, assignments, discussions, seminars, video lectures, NPTEL Video Lectures etc apart from traditional lecture method to impart the curriculum. The details are given below:

- Allocation of the subjects to the faculty is by taking into consideration the qualifications of the faculty, their specialization, experience and their willingness.
- Faculty prepare Teaching plans (Lesson plans) for the subjects they teach and the laboratory sessions they conduct. The academic schedule is strictly followed as per the academic calendar.
- Lesson plans prepared by the faculty includes topics in the syllabus, number of classes taken to discuss the topic, teaching methodology and reference books with page numbers related to that topic.

Department of Electronics and Communication Engineering

Name of Faculty: G.MALYADRI

Class: IV-I ECE –A,B & C

Name of Course: Digital Image Processing

Course Code: R41043

Lesson Plan

Sl. No	Lecture No	Topic	Teaching Aid	Text Book/ Reference Book	Page no's in the Textbooks
01	Lecture 01	UNIT-I Origins of Digital Image Processing	Glass Board (GB) and Piece of chalk (PC) &PPT	T1/T2	3/1
02	Lecture 02	Uses Digital Image Processing, Fundamental steps in Digital Image Processing	GB and PC	T1/T2	7, 25/4, 22
03	Lecture 03	Components of an Image Processing System, Digital Image Fundamentals Elements of Visual Perception	GB and PC	T1/T2	28, 34/17, 37
04	Lecture 04	Light and Electromagnetic Spectrum	GB and PC	T1/T2	42
05	Tutorial 01	Imaging Sensing and Acquisition	GB and PC	T1/R1	45
06	Lecture 05	Image Sampling and Quantization	GB and PC	T1/T2	52
07	Lecture 06	Some Basic Relationships between Pixels	GB and PC	T1/T2	66/67
08	Lecture 07	Introduction to the Mathematical Tools used in Digital Image Processing	GB and PC	T1/T2	94/20-63
09	Lecture 08	Need for Image Transforms, Spatial	GB and PC	T2	122
10	Tutorial 02	Frequencies in Image Processing	GB and PC,PPT	T2	123
11	Lecture 09	Introduction to Fourier Transform	PPT	T2	132

12	Lecture 10	Discrete Fourier Transform	GB and PC	T2	133
13	Lecture 11	Fast Fourier Transform and its algorithm	GB and PC	T2	147
14	Lecture 12	Properties of Fourier transform – Sampling Theorem,	GB and PC	T2	144
15	Lecture 13	Parseval's Theorem	GB and PC	T2	148
16	Tutorial 03	Discrete Cosine Transform	GB and PC	T2/R1	148/194
17	Lecture 14	Discrete Sine Transform	GB and PC	T2	150
18	Lecture 15	Walsh Transform	GB and PC	R1/T2	175/150
19	Lecture 16	Hadamard Transform	GB and PC	R1/T2/R3	181/152/155
20	Lecture 17	Haar Transform, Slant Transform	GB and PC	R1/T2/R3	182-193/155-156/159
21	Tutorial 04	SVD and KL Transforms or Hotelling Transform	GB and PC	R1/T2/R3	202/157-168/163
22	Lecture 18	UNIT-II Background, Some Basic Intensity Transformation Functions	GB and PC	T1/R1	76,85
23	Lecture 19	Histogram Processing, Fundamentals of Spatial Filtering	GB and PC	T1/T2	88-108/189
24	Lecture 20	Smoothing Spatial Filters,	GB and PC	T1	119
25	Lecture 21	Sharpening Spatial Filters	GB and PC	T1	125
26	Lecture 22	Combining Spatial Enhancement Methods	GB and PC	T1	137
27	Tutorial 05	Using Fuzzy Techniques for Intensity Transformations	GB and PC,PPT	T1	195

28	Lecture 23	using Fuzzy Techniques for Spatial Filtering	GB and PC	T1	211
29	Lecture 24	UNIT-III Preliminary Concepts, Sampling	GB and PC	T1	224
30	Lecture 25	Fourier Transform of Sampled Functions	GB and PC	T1	233
31	Lecture 26	The Discrete Fourier Transform (DFT) of one Variable, Functions of Two Variables	GB and PC	T1	242
32	Tutorial 06	Some Properties of the 2-D Discrete Fourier Transform,	GB and PC	T1	258
33	Lecture 27	The Basic of Filtering in the Frequency Domain	GB and PC	T1	277
34	Lecture 28	Image Smoothing using Frequency Domain Filters	GB and PC	T2	208
35	Lecture 29	Selective Filtering, Implementation	GB and PC	T1	316-220
36	Lecture 30	UNIT-IV A Model of the Image Degradation/Restoration Process	GB and PC	T1	334
37	Tutorial 06	Noise Models	Assignment	T1/T2	335/216
38	Lecture 31	Restoration in the Presence of Noise Only- Spatial Filtering	GB and PC	T1/T2	344/222
39	Lecture 32	Periodic Noise Reduction by Frequency Domain Filtering	GB and PC	T1	357
40	Lecture 33	Linear, Position-Invariant Degradations	GB and PC	T1	365
41	Lecture 34	Estimation the Degradation Function, Inverse Filtering	GB and PC	T1	365-373
42	Tutorial 07	Minimum Mean Square Error (Wiener) Filtering	GB and PC, PPT	T1/R2	374/152
43	Lecture	Constrained Least Squares Filtering,	GB and PC	T1/R2	379-383/176

	35	Geometric Mean Filter			
44	Lecture 36	Image Reconstruction from Projections	GB and PC	T1	384
45	Lecture 37	UNIT-V Color Fundamentals, Color Models,	GB and PC	T1/T2	417-429/339
	Lecture 38	Pseudo color Image Processing	GB and PC	T1/T2	436/364
46	Tutorial 08	Basic of Full-Color Image Processing	GB and PC	T1	446
47	Lecture 39	Color Transformations, Smoothing and Sharpening	GB and PC	T1/T2	448-464/365
48	Lecture 40	Image Segmentation Based on Color	GB and PC	T1	465-469
49	Lecture 41	Noise in Color Image Color Image compression	GB and PC	T1/T2	473/370
50	Lecture 42	UNIT-VI Image Pyramids, Sub band Coding & Haar Transform	GB and PC	T1	484-496
51	Tutorial 09	Multi resolution Expansions, Wavelet Transforms in One Dimension	GB and PC	T1	499-505
52	Seminar	The Fast Wavelet Transform	PPT	T1	515
53	Lecture 43	Wavelet Transforms in Two Dimensions,	GB and PC	T1	523
54	Lecture 44	Wavelet packets	GB and PC	T1	532
55	Lecture 45	Fundamentals, Various Compression methods	GB and PC	T1/T2	548/238
56	Tutorial 10	Digital Image watermarking wavelet based image compression, wavelet based de-noising	PPT	T1/T2/R1	636/537/659
57	Lecture 46	UNIT-VII Preliminaries, Erosion and Dilation,	GB and PC	T1	650-657

		Opening and Closing			
58	Lecture 47	Hit-or-Miss Transformation, Some Basic Morphological Algorithms	GB and PC	T1	662-684
59	Lecture 48	Grey- Scale Morphology	GB and PC	T1/T2	687/398
60	Lecture 49	UNIT-VIII Fundamentals	GB and PC	T1/R4	712/153
61	Tutorial 11	Point, Line, and Edge Detection	PPT	T1	714
62	Lecture 50	Thresholding Region-Based Segmentation	GB and PC	T1	760-788
63	Lecture 51	Segmentation Using Morphological Watersheds	GB and PC	T1	791-798
64	Lecture 52	The use of Motion in Segmentation	GB and PC	T1	800-804

Text Books:

- T1. Rafael C.Gonzalez and Richard E. Woods, “Digital Image Processing” Pearson Education, 2011
 T2. S.Sridhar, “Digital Image Processing” Oxford Publishers, 2011

Reference Books:

- R1) S. Jayaraman, S. Esakkirajan, T. Veerakumar, “Digital Image Processing” Mc Graw Hil Publishers, 2009
 R2) B.Chanda and D.Dutta Majumder, “Digital Image Processing and Analysis” Prentice Hall of India, 2011/2012(Print)
 R3) Anil K. Jain, “Fundamentals of Digital Image Processing,” Prentice Hall of India, 2012
 R4) Milan Sonka, Hlavac & Boyle “Digital Image Processing and Computer Vision,” Cengage Learning Publishers, 2010(Reprinted)

Department of Electronics and Communication Engineering

Name of Faculty: G.MALYADRI

Class: IV-I ECE-A, B & C

Name of Course: Digital Image Processing

Course Code: R41043

Website References:

S.No	Topic	Website References
1	Huffman and Block Transform coding, Lossless and lossy predictive encoding, JPEG encoding, Image Restoration, Linear and Nonlinear and Median Filtering, Edge Detection	https://engineering.purdue.edu/~bouman/ece637
2	Introductions and Fundamentals, Intensity Transformations and Spatial Filtering, Filtering in the Frequency Domain, Image Restoration & Reconstruction Morphological Image Processing, Image Segmentation, Image Compression, Wavelet Transform	https://www.cs.nmt.edu/~ip/lectures.html
3	Image Transforms, Introduction to Digital Image Processing, Discrete Fourier Transform, Discrete Cosine Transform, Discrete Walsh and Hadamard Transforms, Karhunen-Loeve Transform, Histogram Equalization	www.commsp.ee.ic.ac.uk/~tania/teaching/dip.html
4	Image Restoration & Reconstruction Morphological Image Processing, Image Segmentation	2) http://ocw.mit.edu/
5	Image Restoration, Linear and Nonlinear and Median Filtering, Edge Detection	3) http://ieeexplore.ieee.org

**TIME TABLE DEPARTMENT OF ECE
YEAR/SEM:IV B.Tech-II SEMESTER(R10)**

ECE-1

W.e.f: 7/12/15

DAY/ TIME	8:10-9:00	9:00-9:50	9:50-10:40	10:40-11:30	11:30-12:20	12:20-1:10	1:10-2:00	2:00-2:50	2:50-3:40
MON	CRT	LIB	TV	CMC	L U N C H	PROJECT / INTERNET			
TUE	CMC	SC	WSN	CRT		RC(SC)	CRT	WSN	TV*
WED	TV	CMC	SC	RC(WSN)		CRT	SC*	CMC*	SPORTS
THU	CMC	WSN	TV	SC		CRT	WSN*	TV*	SC*
FRI	TV	CRT	WSN	RC(CMC)		PROJECT			
SAT	CMC	TV	WSN	SC		CMC*	SC	RC(TV)	WSN*

<u>Subjects</u>	<u>Name Of The Staff</u>
Satellite Communications(Sc)	Mr.P.Ashok Babu
Wireless Sensor Networks(Wsn)	Mr.A.Sarath Kumar
Cellular mobile communications(Cmc)	Mr.E.Bhanuprasad
Television Engineering(Tv)	K.Mallikarjunarao
*	Tutorial
LIB	Library
RC	Remedial Classes
Class Incharge	Mr.P.Ashok Babu

Academic calendar



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Directorate of Academic and Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KARIMNAGAR
KARIMNAGAR-530015, Andhra Pradesh (India)

Dr. No. JNTU/KAP/AC/Pl/11/001/2015-16

Date: 25.04.2015

Prof. F. Uthay Shankar
B.Tech. M.Tech, Ph.D.
Professor of Civil Engineering &
Director, Academic & Planning

PROPOSED ACADEMIC CALENDAR FOR THE COMMENCEMENT OF CLASS WORK FOR B.TECH (B.PHARMA) III YEAR (2015 Admitted Batch) - I & II SEMESTER.

B.TECH (B.PHARMA) III YEAR (2015 Admitted Batch) I Semester			
Description	From	To	Weeks
Commencement of Class Work	25.06.2015		
Time of Examinations	28.06.2015	22.08.2015	8W
Time of Examinations	24.08.2015	24.08.2015	1W
Time of Examinations	27.08.2015	27.10.2015	8W
Time of Examinations	24.10.2015	21.11.2015	1W
Preparation & Examinations	22.11.2015	20.12.2015	1W
End Examinations	20.12.2015	23.12.2015	3W
Commencement of Class Work	25.11.2015		
B.TECH (B.PHARMA) III YEAR (2015 Admitted Batch) II Semester			
Description	From	To	Weeks
Commencement of Class Work	23.01.2016		
Time of Examinations	23.01.2016	18.01.2016	2W
Time of Examinations	18.01.2016	23.01.2016	1W
Time of Examinations	23.01.2016	19.02.2016	4W
Time of Examinations	21.02.2016	24.03.2016	1W
Preparation & Examinations	18.03.2016	24.04.2016	1W
End Examinations	24.04.2016	18.04.2016	2W
Commencement of Class Work	21.04.2016		



F. Uthay Shankar
Director, Academic & Planning

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

The University conducts workshops for the faculty members of affiliated colleges, whenever it introduces new curriculum. Even Departments are taking initiation to organize various workshops at university level to discuss the scope of revised curriculum.

S.NO	Name of the program	Place	No. Of faculty/students attended
1	Orientation Program for Faculty by JNTUK Centre of Excellence for E-Resource Development & Deployment (COEeRD) in association with Globarena Technologies Pvt.ltd	KKR& KSR Institute of Technology and Sciences, Vinjanmpadu.	150
2	The above COEeRD program for students is delivered by HOD and staff	KKR& KSR Institute of Technology and Sciences, Vinjanmpadu.	2000

- All the Departments are equipped with resources like Internet, Projectors& OHP to impart better teaching.
- The college encourages the faculty to pursue higher studies through the Quality Improvement Programme and to take up the research work individually or in collaboration and the students by organizing industrial visits.
- Besides conducting workshops\ refresher courses at the premises, the departments depute Faculty members to various workshops that will be held at other institutions in this regard.The participants are offered honorarium.
- College offers memberships in professional societies for the identified faculty members.
- The College regularly organizes teacher training program and interactive sessions among the faculty members of the individual departments and the experts invited from Industries like Infosys and premier institutions like NITs.
- The College library procures text books on the suggestions by the faculty members, subscribes to various journals and technical magazines for the effective instruction delivery. Lectures of eminent professors on various subjects are procured and offered to the faculty through the central and department libraries.
- The advanced Labs are setup in the college and latest equipment is provided in various labs of the departments to promote research work among the faculty members.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

- The academic calendar with necessary instructions, all norms and procedures of assessment is given to every student at the beginning of the semester.
- The faculty members publish papers in journals of relevant fields or domains along with students for the awareness of research work.
- The Departments conduct workshops on latest technologies related to the curriculum.
- Instructions on suitable content are also delivered to fulfill the gaps in the curriculum.
- Students are also encouraged to give presentations on specific topics of the subjects as a motivation for higher studies.
- College provides Video Lectures given by eminent Professors from IITs, NITs and encourages the students to listen to these lectures during AV Classes for better understanding of the subjects.
- The College also organizes expert lectures on various subjects by inviting faculty from various fields to share their knowledge.
- The college provides question banks, e-books and previous question papers.
- T&P(Training & Placement Cell) of the institute provides necessary training in technical and general aspects for the employability of the students.
- Students are encouraged to participate in various Intra collegiate and Inter collegiate technical and cultural competitions.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?

The college interacts with Industry for effective translation of curriculum to the practical applicability, which the industry expects. Regular programmes are organized by the college in association with industry to train the faculty in these aspects which in turn will be transferred to the students. The experts from industry and academy are nominated as members of advisory committees and their suggestions help in operationalisation of curriculum. The faculty members and also the students interact with the various research bodies through various events like seminars, conferences as mentioned below.

No. of Workshops/training Programmes/Sensitization Programmes conducted/ organized by the institution

S.NO	Programme	Resource Person	Department and Venue	Date
1	NodeJS & MongoDB	Raja Sekhar Campusify technology, Guntur	CSE, KKR & KSR Institute of Technology and Sciences	12-18, December,2015
		Security services, Hyderabad		
2	Faculty Development Programme	Mr.Suresh From Infosys	CSE & ECE Department , KITS, Guntur	5/3/2016
3	Life Skills and Leader Ship Work Shop	K.Prabhakar Lead India National Club, Hyderabad	CSE, KITS, Guntur	22-23 September,2013
4	Finite Element methods and its Applications	Dr.A.Gopala Krishna(JNTU,kakinada) and Dr.Banagaru Babu(NIT,warangal)	Mechanical, KITS, Guntur	24 th September,2014
5	One-day National Seminar on Problems Related to Infrastructure Geo- techniques	Dr. T.G. Sitharam, IISC,Banglore	CIVIL,KITS, Guntur	23 rd August, 2014
6	One day Workshop on Construction Practices	D.Sriknath Bollineni seenaiah constructions Ltd. Guntur	Civil, KITS, Guntur	31/10/2015

7	Two Day National Level Work Shop PCB Design of Electronics Circuit	M.M.Anand Kumar IG Sollutions,Guntur	ECE, KITS, Guntur	22 nd and 23 rd July,2013
8	Two Day Work Shop on Octave Software	Mr. Raj Kumar Swecha Organization,Guntur	ECE, KITS, Guntur	25 th and 26 th August,2014
9	Five Days Work Shop on VLSI Design	Mr. J.C.Bose Yagnamayaya tech suite,Chennai	ECE,KITS, Guntur	11 th to 15 th February,2015
10	3 days work Shop on Embedded Systems	Mr.Kranthi Kumar QUE Technologies,Vijayawada	ECE,KITS,Guntur	21 st to 23 rd September, 2015
11	One week MATLAB/SIMULINK	Mr.Anandakumar andMr.Deepak NEC,Vijayawada	EEE,KITS,Guntur	18 th to 23 rd Jan,2016
12	One week Programme on PLC/SCADA	Mr.A.Arunkumar& Mr.M.Ashok balaji AGIIT, Coimbatore,	EEE,KITS,Guntur	10 th to 16 th February,2015
13	One day Work Shop on FEMA	A.Gopala Krishna,JNTU,Kakinada	Mechanical, KITS,Guntur	24 th September, 2014

	
<p align="center">ELECTRICAL WORKSHOP</p>	<p align="center">ELECTRONICS WORKSHOP</p>
	
<p align="center">ELECTRICAL WORKSHOP</p>	<p align="center">MECHANICAL WORKSHOP</p>

Faculty Development program

Name of the company	Purpose	year
Infosys	Creating awareness on new technologies	2016

The college has a Training and Placement Cell which interacts with the industry representatives to know about the emerging opportunities. Professionals from industry give invited talks regularly about the career opportunities and challenges that the students have to face.

Periodical industrial visits and educational tours are organized for the students to bridge the gap between academics and the industry.

Industry Academic Interface Professionals from Industry are invited to interact with the students and provide inputs in the emerging trends in IT sector, satellite communications, radars, power generation, solar energy, structural engineering, environmental engineering -- etc.

Entrepreneurship cell provides the encouragement and ability to students to develop their own ideas into corporations. This cell supports the “MAKE IN INDIA” concept to develop our own technologies and products.

To monitor the effective Curriculum delivery to the beneficiaries, HODs of respective department has to review the academic related registers, Laboratory Log books etc. once in fifteen days



Placement Cell:

Companies and corporate houses of repute are invited for Pool drives.

1.1.6 What are the contributions of the institution and/or its staff members to the Development of the curriculum by the University?(number of Staff members/departments represented on the Board of Studies, student Feedback, teacher feedback, stakeholder feedback provided, specific Suggestions etc.

As an affiliated Institute we are bound by the curriculum designed and prescribed by the JNTU, Kakinada. Specific suggestions received from different stakeholders are analyzed and conveyed to the University for Consideration at its Board of Studies meetings. The college encourages conducting additional lab experiments in addition to the ones prescribed in the syllabus. In theoretical subjects, additional concepts are added and they are explained in a detailed manner to enrich the student’s basic knowledge.

Whenever the University conducted meeting on Board of Studies, University invites our Principal and his inputs are used to take into the consideration towards the development of the curriculum.

1.1. 7Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If ‘yes’, give details on the process (‘Needs Assessment’, design development and planning) and the courses for which the curriculum has been developed.

The college is not an autonomous body to design its own curriculum. It implements the curriculum given by the affiliating university. Beyond the above curriculum specified by the university the college has conducted workshops and seminars on Add-On courses taught by the external experts. These details can be found in table of criteria 1.1.5

1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?

The college has established effective communication with all the stakeholders to ensure the implementation of the objectives mentioned in the curriculum. The following methods are followed to monitor the implementation.

Students Performance: Analysis of the student performance in the University End Examination is held.

Quality of Placement: Quality of Placement is evaluated on the basis of the number of placements every year.

Placements Data

Selections Branch wise	2013-14	2014-15	2015-16
CIVIL	00	39	26
MECH	00	19	34
E.E.E	20	15	30
E.C.E	42	40	70
C.S.E	37	53	73
M.B.A	01	04	24
TOTAL	100	170	257

Enhancement of teaching-learning process:

Teaching-learning skills of faculty members are enhanced through participation in various national and international workshops, seminars, conferences, discussions etc.,

In-house Research activities:

The minor and major projects undertaken give the impetus for the in-house Research activities.

Overall Performance of the Institution:

The institution could get top ranks at university level and the students have took part in various cultural and sports activities and won laurels. Further, many students got through the GATE, GRE, TOEFL examinations, further alumni have a positive attitude towards the college. These are the parameters that evaluate the overall performance of the Institution

1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/Skill development courses etc., offered by the institution.

Goal : To prepare the students with hands on experience to meet the present day Technologies

Objectives: 1. Improving the communication skills of the students to meets the Global standards.

2. To make them aware of current trends in Technology

3. To prepare them as per the requirement of corporate world

VALUE ADD-ON PROGRAMS (2015 – 16)			
S.NO	TRAINING COURSE	CLASSES	TRAINER
1	Communication skills (ENGLISH)	II, III, IV B.Tech (CSE,ECE,EEE,CE,ME) MBA	I. Bade saheb, M.R.Hima Bindhu
2	Reasoning	III, IV B.Tech (all branches) , MBA	V.Venkata Reddy
3	Aptitude	III, IV B.Tech (all branches), MBA	A. Syam Prasad, Sk. Abdul Vali
4	C,C++	IV (CSE,ECE,EEE)	Ch.Jhansi Rani
5	JAVA	IV (CSE,ECE)	R.Ramesh

On an average

i) For IV year students Arithmetic- 18, Reasoning – 13, Communication skills -12 total – 43 classes are taken, For final year students 90 extra hours of exclusive CRT Training is given during the Drives of Infosys, TCS, Mphasis and Genpact etc.

ii) For III year students Arithmetic- 10, Reasoning – 9, Communication skills -10, total – 29 classes are taken.

iii) For II year students Communication skills-13 classes are taken.

iv) The entire syllabus mentioned in 1.2.5 was covered.

1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If ‘yes’, give details.

NO, the institute does not offer such programs.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:

The Institution provides Communication skills’ training with best faculty in the regular class time table itself for all the courses. This training will meet the different recruiter’s expectations in screening tests conducted to recruit the students. The training offered to students is beyond the prescribed curriculum. This training improves their personality and give confidence to compete with others in this competitive world. Training and guidance are provided to the students of all departments by senior Faculty members who are appearing for various competitive examinations. Online examinations and Mock tests for all students are conducted regularly, providing the internet facilities. Study material in the form of e-books for entrance test like GATE is provided through the digital library of the college.

Range of Core/Elective options offered by the University and those opted by the College:

The choice of selecting elective Subjects from the list of subjects offered by the University is based on the students selection according to meet the latest technological trends and industrial needs. In fulfillment with the syllabus of the Jawaharlal Nehru Technological University, Kakinada the students must list for all the core subjects prescribed. Students should have to select elective Subjects from the list of subjects offered by the University. The student will be familiar with those advanced topics and will be ready to meet the needs of the industry. The number of elective options for students branch wise is as follows for both UG and PG programs:

UG PROGRAM

REGULATION (ELECTIVES)	YEAR/SEM	CIVIL	CSE	ECE	EEE	MECH
R10 (ELECTIVES)	IIIYEAR-II SEM	-	-	-	-	-
	I VYEAR-I SEM	2	2	2	2	2
	IV YEAR-II SEM	3	3	3	3	3
R13 (ELECTIVES)	IIIYEAR-II SEM	1	-	1	-	1
	I VYEAR-I SEM	1	2	2	2	2
	IV YEAR-II SEM	3	1	2	2	2

PG PROGRAM

REGULATION (ELECTIVES)	YEAR/SEM	M.TECH				MBA
		VLSI	DECS	CSE	PE&D	
R13 (ELECTIVES)	I YEAR-I SEM	2	2	-	2	-
	I YEAR-II SEM	2	2	3	2	-
	II YEAR-I SEM	PROJECT				3(any 2)
	II YEAR-II SEM					3(any 2)
R13 (CORE SUBJECTS)	I YEAR-I SEM	4	4	6	4	6
	I YEAR-II SEM	4	4	3	4	5
	II YEAR-I SEM	PROJECT				5
	II YEAR-II SEM					4

Courses offered in modular form:

Almost all the courses / syllabi are in modular form.

S&H:

1. Mathematics-I, Mathematics-II, Mathematics-III
2. English-I, English-II

EEE:

1. Electrical circuit analysis-I, Electrical circuit analysis-II
2. Electrical Machines -I, Electrical Machines-II, Electrical Machines - III
3. Power systems-I, Power systems-II

MECHANICAL:

1. Thermal engineering-I, Thermal engineering -II
2. Design of machine members-I, Design of machine members-II.

CIVIL:

1. Structural analysis-I, Structural analysis-II
2. Water Resource Engineering - I, Water Resource Engineering - II
3. Transportation Engineering-I, Transportation Engineering -II
4. Geo-Technical Engineering -I, Geo-Technical Engineering -II

OTHERS:

Intellectual property rights & Patent-I , Intellectual property rights & Patent-II

Professional ethics and morals-I, Professional ethics and morals-II, MEFA, MS

Choice Based Credit System and range of subject options

- As per the prescribed syllabi and academic regulation, Institute is operating with semester system as B.Tech Program has eight semesters, M.Tech and MBA programs has 4 semesters.
- For the award of a degree, the Regular candidate has to register 208 credits and secure 200 credits

with compulsory subjects (All labs and project work) as per R10 and the lateral entries have to register 170 credits and secure 162 credits.

- For the award of a degree, the Regular candidate has to register 180 credits and Secure 180 credits as per R13 and the lateral entries have to register 132 credits and secure 132 Credits.

Credit transfer and accumulation facility: No

Lateral and vertical mobility within and across programmes and courses: NO

The students are given independence to work in multi disciplinary projects. The institute provides academic flexibility to the students in terms of undertaking projects in respective departments and also in industries/ research organizations, thereby encouraging inter-disciplinary oriented work with reference to the industry. They enhance their academic and employment skills through the following:

- Additional lecture hours are introduced for problem oriented and difficult subjects , Guest lecturers are given by eminent persons in emerging areas from industry and also from reputed universities in India .
- Mini projects and industry based final year projects, Seminars assigned to students, Industrial visits and industrial tours ,topics beyond curriculum ,Performing additional experiments than prescribed in the syllabus enable the students to enhance their skills.

Enrichment courses:

Enrichment courses in the form of seminars and workshops are offered to our students as and when required. Advanced courses are offered as electives during the higher semesters of UG Programme and all semesters in PG Degree Programme.

Skill development:

Time table are framed accordingly to meet the university curriculum viz., 2 hours for seminars, 2 hours for sports, library and 2 hours for Value added Training Courses. In view of the growing importance of soft skills, the college is offering training in soft skills to the students right from second year along with regular subjects and also exclusive sessions are allocated in the class time tables to impart training on aptitude, verbal and soft skills with the assistance of training and placement cell.

Academic mobility:

The institute serves as a platform for providing training to students in practical environment, and to improve their knowledge of industrial environment and to better the scope and chances to enhance employment opportunities, Personality development programs are conducted frequently to final year students by eminent motivators.

Progression to higher studies:

Guidance is provided by senior faculties through arranging different materials to all students for GATE, GRE, TOEFL, PGECET, CAT, IELTS, TOEFL.

Improved potential for employability:

To improve the potential for employability, the college is arranging efficient and continuous pre-placement training programs and mock tests to the students from their third year onwards under the supervision of special faculty members.

The names of special faculty members are:

1.	Ch.Chandra Sekhar Reddy	Training & placement officer
2.	I. Bade Sahib	Communication skills(English)
3.	M.R.Hima Bindhu	Communication skills(English)
4.	V.Venkata Reddy	Reasoning
5.	A.Syam Prasad	Aptitude
6.	Sk.Abdul Vali	Aptitude
7.	Ch.Jhansi Rani	C,C++
8.	R.Ramesh	JAVA

The institute makes arrangements for conducting tests by external agencies like Co-cubes and provides the platform for placements in reputed companies through these tests.

In addition to that, every department is conducting training programs on software tools for the beneficiaries as Auto CAD,STADD.PRO by Civil, MATLAB, PLC & SCADA by EEE, MATLAB based control system design, SPARK flat form based Robotic Training by ECE, UNIGRAPHICS, FUSION 360 by Mechanical, Big Data Analysis,Cloud Computing, Android Studio by CSE departments.

1.2.4 Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

The College offers the following programs and also the intake of students is also mentioned in the table.

S.No	UG courses offered	PG courses offered
1	B.Tech- CIVIL	M.Tech-CSE
2	B.Tech- EEE	M.Tech-VLSI
3	B.Tech- MECH	M.Tech-PE&D
4	B.Tech- ECE	M.Tech- DECS
5	B.Tech- CSE	MBA

INTAKE OF STUDENTS

S. No.	Name of the Course with Specialization- in short form	Department offering the course	Intake											
			2010-11		2011-12		2012-13		2013-14		2014-15		2015-16	
			approved	admitted	approved	admitted	approved	admitted	approved	admitted	approved	admitted	approved	admitted
1	B.Tech-CIVIL	CIVIL Dept	60	60	60	60	60	60	120	104	120	111	120	110
2	B.Tech-EEE	EEE Dept	60	60	60	55	60	53	60	48	60	42	60	46
3	B.Tech-MECH	MECH Dept	-	-	60	59	60	55	120	108	120	107	120	105
4	B.Tech-ECE	ECE Dept	120	120	120	120	180	154	180	145	180	175	180	177
5	B.Tech-CSE	CSE Dept	120	120	120	120	180	165	180	143	180	176	180	180
6.	MBA	MBA	60	60	120	95	120	72	120	54	120	76	120	79
7.	M.Tech-CSE	CSE Dept	-	-	18	13	18	15	36	16	36	7	36	6
8.	M.Tech-VLSI	ECE Dept	-	-	-	-	18	11	18	7	36	15	36	8
9.	M.Tech-PE&D	EEE Dept	-	-	-	-	18	12	18	11	36	2	36	2
10.	M.Tech- DECS	ECE Dept	-	-	-	-	-	-	18	6	18	3	18	0

All the programs offered by the college are self financed only.

All these programs are approved by the AICTE, New Delhi and affiliating University JNTUK, Kakinada.

Curriculum:

The curriculum is designed by JNTU Kakinada to which the college is affiliated. These new age courses have a sound, well-charted curriculum specially designed to meet the requirements of competitive scenario.

Fee Structure:

For all the courses, both category A and Category B seats, the fees will be as fixed by the admission and Fee Regulatory Committee constituted by Government of Andhra Pradesh

Teacher Qualifications and Salary:

Highly qualified and meritorious candidates with good research potential are appointed on regular/contractual basis as per AICTE norms to teach the specialized courses and give a boost to research activities.

Salary:

Salaries are paid as per AICTE and UGC norms.

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.

Yes, the institution offers skill oriented programmes relevant to regional and global employment markets. The programmes are:

- Soft skill development programs
- Verbal reasoning, Non-verbal reasoning, English, Aptitude.

Aptitude:

Number system, lcm& hcf, percentages , profit& loss, ratio& proportion , averages, ages, time, work, time distances, trains, boats&streams, simple& compound interest, chain rule, clocks, permutations& combinations, probability, data interpretation, data sufficiency, menstruations

Reasoning:

Analogy, classification, series, coding& decoding, ranking, direction test, blood relations, seating arrangements, calendars, analytical reasoning, logical deductions, binary logic, data sufficiency, cubes& dice, ven diagrams

English:

Tenses, conditional clause, articles, prepositions, degrees of comparison, correction of sentences, vocabulary, self introduction, describing images, narrating stories, jam, GD ,debate, reading comprehension, paragraph writing, conversational practices

These programmes are implemented with aim to ensure that the students are adequately skilled and are industry ready. While designing these additional programmes it is ensured that they suit the global employment market demands as well as the local demands.

1.2.6 Does the University provide for the flexibility of combining the conventional? face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice” If yes, how does the institution take advantage of such provision for the benefit of students?

NO, the University does not provide such flexibility. Since the institution is affiliated to JNTUK there is no provision for flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice.

1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University's curriculum to ensure that the academic programs and Institution's goals and objectives are integrated?

To integrate the academic programs and Institution's goals, the following initiatives are taken to supplement the University's curriculum. All faculty members identify the gaps in the curriculum and include topics to bridge the Gaps.

- Guest lectures, Seminars, Workshops, Training programs and industrial visits are arranged to create awareness on the current demands of industry
- Assignments are given on all the subjects in addition to arranging group discussions, written/oral tests, quizzes, role plays, etc.
- The College gives impetus on Spoken English classes to inculcate good communication Skills among students.
- Educational tours are organized to develop interpersonal Relationships and to create awareness about the rich heritage and Culture of our country. N.S.S. is an additional facility which inculcates the social responsibilities and community orientation amongst the students.
- Various academic competitions are conducted for the all-round development of the students.
- Various short term programs are prepared by the college to supplement the curriculum Provided by the University to enhance employability
- The Library is well stocked with books, journals, back volumes, e-books and e-journals.
- A library hour within the class time table is provided to encourage library usage by Students.
- The Library is kept open from 8:00 am to 6:00 pm from Monday to Saturday.
- Additional experiments were designed in labs beyond University prescribed experiments
- Students were guided to take-up mini-projects

The list of Topics beyond syllabus:

S. N O	Name of The Dept	NAME OF THE SUBJECT	TOPIC	YEAR/ SEM	NO.OF TOPICS
1	ECE	Digital image processing	a) Compression using wave lets b) De-noising using wave lets c) Video compression	IVB.Tech I sem	
2		Embedded systems	Unified modeling language tools	IVB.Tech I sem	
3		Micro processors	80286 micro processor	III B.Tech II SEM	
4		Biomedical Engineering	a) Calculation of propagation b)Volume sensor Spirometer c)Flow sensor spirometer d)Conduction hearing loss e)Sensing nerves loss	III B.Tech II SEM	
5	CSE	Software engineering	Risk management	III B.Tech II SEM	1
6	ME	Robotics	Introduction to mechatronics	III B.Tech II SEM	5
7		Fluid mechanics &Hydraulic machines	a) Venturi meter, b) Orifice meter, c) Pitot tube, d) Turbine flow meter	II B.Tech II SEM	
8	CE	Concrete technology	Rig, Redimix, Cranes	II B.Tech II SEM	1
9	EEE	Electrical Distribution system	a)Role of computers in distribution system b)Distribution automation	IV B.Tech II SEM	2

The list of additional experiments:

S.No	Name Of The Department	Name Of The Lab	Experiment Name	Year/Sem	No. of Experiments
1	ECE	Micro processors lab	a) Find sum of even and odd numbers from given series b) Find average and factorial of given numbers c) Find positive and negative numbers from given series d) Find addition for 3x3 matrices	III B.Tech II Sem	7
2		Digital signal processing lab	a) Design analog band pass, band stop filters b) Design digital band pass, band stop filters using windows	III B.Tech II Sem	
3		IC Lab	Applications of IC 555 Timer	III B.Tech I Sem	
4	S&H	English lab	Enrich your communication skills	I B.Tech II Sem	1
5		Chemistry lab	a) Soil analysis b) Polymers, Bakelite preparation	I B.Tech II Sem	2

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

The Institution has organized training classes to enrich the skills in Arithmetic Reasoning & Communicative English. The syllabus framed to enhance the skills of students to cope with the needs of the dynamic employment market is as follows

Aptitude:

For the Aptitude test the prescribed units of study viz., the number system, lcm & hcf, percentages, profit & loss, ratio & proportion, averages, ages, time, work, time distances, trains, boats & streams, simple & compound interest, chain rule, clocks, permutations & combinations, probability, data interpretation, data sufficiency, mensurations.

Reasoning:

For the Reasoning test the prescribed units of study viz., analogy, classification, series, coding & decoding, ranking, direction test, blood relations, seating arrangements, calendars, analytical reasoning, logical deductions, binary logic, data sufficiency, cubes & dice, ven diagrams

English:

For the English test the prescribed units of study viz., tenses, conditional clause, articles, prepositions, degrees of comparison, correction of sentences, vocabulary, self introduction, describing images, narrating stories, jam, GD ,debate, reading comprehension, paragraph writing, conversational practices

The sample schedule for ECE Department (IISEM):

Day/Time	8:10-9:00	9:00-9:50	9:50-10:40	10:40-11:30	11:30-12:20	12:20-01:10	1:10-2:00	2:00-2:50	2:50-3:40
MON	IV ECE-I (AR)		III ECE-I (RS)	II ECE-II (CS)				III ECE-I (AR) IV ECE-III (CS)	IV-ECE-II (CS)
TUE	IV ECE-II (AR) IV ECE-III (RS)			IV ECE-I (CS)		IV ECE-II (RS)	IV ECE-I (AR)		
WED				IV ECE-III (AR)	III ECE-III (CS)	IV ECE-I (CS)		III ECE-II (RS)	
THU		IV ECE-III (RS)	III ECE-III (RS) II ECE-III (CS)	IV ECE-II (CS)		IV ECE-I (RS)		III ECE-II (RS)	
FRI		IV ECE-I (RS)				IV ECE-III (CS)	IV ECE-II (RS) III ECE-I (CS)	III ECE-III (AR) III ECE-I (CS)	
SAT	IV ECE-III (AR)				III ECE-II (CS)	IV ECE-II (AR)			

AR: Arithmetic: Mr. A. Shyam Prasad, **RS:** Reasoning: Mr.V.Venkat Reddy, **CS:** Communication skills: Mr. I.Bade saheb /Ms.M.R.Hima Bindu

➤ The college adheres to the syllabus designed by JNTUK but while delivering this syllabus content to the students, our faculty enrich it with their own expertise and experience so that the students also gain employable qualities that enable them get jobs in this highly competitive world

The training and placement cell of the college regularly interacts with the HR manager of companies and collects firsthand information about the demands and expectations of the corporate sector regarding skill set of students. These demands of the companies are then communicated to the feedback committee which in turn formulates add-on courses and extra classes which are then conducted to make up the deficiencies in the students to make them employable.

The institution enriched and organized the curriculum by supplementing it with extra content so that the students are benefited by entrepreneurship cell(E-Cell).

List of Activities conducted by E-Cell: 2015-16

S.No.	TOPIC	RESOURCE PERSONS	DATE OF THE EVENT	NO.OF STUDENTS ATTENDED
1	Awareness Of Entrepreneurship	Dr.Bh.Venkateswararao (MBA-HOD)	14-Feb-2015	160
2	Disha	Dr.Bh.Venkateswararao (MBA-HOD)	21-Aug-2015	145
3	Ikhya	Mr. CHUKKAPALLI RAKESH	05-Sep-2015	600
4	Trinty	Dr.Bh.Venkateswararao (MBA-HOD)	6-Oct-2015	165

E-Cell Committee Members (Faculty):-

1. Md.Mansoor Ahamed, Asst. Professor, Dept. Of Mechanical

E-Cell Committee Members(Students):

1. S.Nivedita (ECE)
2. A.Kavya (ECE)
3. Koushik (ECE)
- 4.Niranjan (CSE)
- 5.Sukanya (CSE)
- 6.Chandana (CSE)

➤ Special training programs are conducted to enable the students to achieve the global standards.

LCD Projectors have been used for effective Instructional delivery.

➤ The students are encouraged to take up mini projects and main projects related to the real time problems. If necessary students are sent to industries or research organizations to collect the data, do the analysis and suggest probable solutions.

➤ Project Work, Seminars are made compulsory in the program so that the students would acquire skills to solve problems independently

➤ College library functions in such a way that students benefit to a maximum extent in self learning process. Library has more than 18000 books .Large number of personality development books are available for the personal development of students.Competitive examination books on GRE, TOEFL, CAT, GATE etc are also made available

➤ The NPTEL lectures by the faculty of IIT on various topics are available and can be accessed in

the digital library.

- Departmental Library is maintained for easy & quick access in addition to the main library.
- Internet with a speed of 20 Mbps can be accessed by faculty as well as by students.
- Students are given class tests apart from internals, seminars, assignments on topics related to current technological advancements in their branch study.
- Students are encouraged to attend various technical activities at different colleges. Staff members guide the students in taking up such activities and also encourage them to attend technical conferences and project exhibitions.
- Each department has its own associations which conduct various technical programs for the benefit of students.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

- Girls and boys participate in various co-curricular activities such as paper presentations, Technical quiz, Project Expo, Poster Presentation Programs in KITSYUVA FEST. Both boys and girls are made members of various academic, co-curricular and extra-curricular activities.

KITS YUVA FEST



- Women Grievances and redressal cell is established in the college to look into the problems of girl students and lady staff members.

Women Grievances CELL:

S.NO	Name of the faculty/Department	Designation
1	Dr. P.Babu (Principal)	Principal
2	Mrs. R.Santhikala (Civil)	Asst.professor
3	Mrs. R.Punya Vathi (EEE)	Asst.professor
4	Mrs. J.Soujanya (Mech)	Asst.professor

5	Mrs. T.Bhavani (ECE)	Asst.professor
6	Mrs. Y.Vasanthi (CSE)	Asst.professor
7	Ms. Sk.Razia (MBA)	Asst.professor

- Ozone Day and Earth Day programs are conducted.
- Special attention on student attendance on Republic Day and on Independence Day
- Orientation Program for all the student representatives of different clubs such as English Club (SELF, WE), Technical Club, Sports, Cultural club is being conducted to inculcate Discipline, Mannerism.
- Subjects on Environmental Studies and Intellectual property rights and patents are introduced in the curriculum
- ICT is embedded in the teaching learning process for effective delivery of curriculum.
- Awareness programs are organized on diseases like Swine flu, Typhoid etc.
- Lectures by experts from outside are arranged to induce Ethical values among students.

1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students? Moral and ethical values

“NENU MALALA” BOOK INAGURATION



- Special lectures are arranged by renowned persons to instill moral and ethical values among students.
- The importance of moral and ethical values for professional students is highlighted in the handouts given to the students.

Employable and life skills

- Institute conducts the programs on stress management and life skills to ensure holistic development of students. Several programs on employable skills are conducted right from the second year level to improve the technical & soft skills of the students.
- The institute gives due importance to the co-curricular & extracurricular activities and organizes every year National Level Technical, Cultural, Games & Sports festival for two days to develop Interpersonal and decision making skills.

- Teachers' day, Engineers day celebrations are grandly organized by staff and students to highlight the importance of teacher-student relationship and the role of engineers in nations' building.
- The E-cell of the college organizes awareness programs on Entrepreneurship.

Better career options

- Realizing the importance of use of computers in solving engineering problems, courses on computer languages and applications are introduced in the curriculum by the affiliating University. This enhances the capability of students to fit into any type of Industry.
- Training and Placement Cell interacts continuously with employers and identifies the new areas of knowledge in demand and new career options available and train the student.

Community orientation

- The college NSS team regularly organizes social camps in surrounding areas and villages to create awareness among the public community on various social, moral, ethical Principles and ways of life.
- NSS unit of the college has developed a good rapport with a school in nearby Vinjanmpadu village and provides required help to school children to pursue their Education.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from Stake holders in enriching the curriculum?

- The feedback is taken on all aspects including curriculum and training programs. The views of the students on curriculum are well received and the relevant suggestions are communicated to the affiliating university.
- The views of the students on training programs arranged by the departments advisory Committee and Training and placement cell are taken and accordingly improvements are made in these programs wherever necessary.
- Feedback from the employers is also taken to assess the capability of our students to carry out the works in the industry and based on the opinion of industry, new programs are introduced in the curriculum to suit the requirements of the industry.
- Institute offers suitable projects and enriches the curriculum using the feedback

1.3.6 How does the institution monitor and evaluate the quality of its enrichment Programmes?

Monitoring

- The training and placement cell conducts tests on their training programs to assess the effectiveness of training.
- Feedback is taken on all quality enrichment programs at the end and suitable modifications are affected wherever necessary.

Evaluation

- The impact of quality enrichment programs is assessed by analyzing the examination results and placements.
- Feedback from stakeholders like parents, industries, University experts also used for Evaluation.
- Internal Quality Assurance Cell is established in the institution to evaluate the quality of enrichment programs besides curriculum.
- The college has been consistently improving the quality of teaching by arranging pedagogical training to its faculty, and to further motivate them to Research & Development (R&D).

Planning Committee

- The committee has members from various departments. It frames the procedure for every activity of our college. The following are the tasks done by planning committee.
- Curriculum Implementation
- Internal Assessment
- Framework for Laboratory
- Plan for academic events such as internal and external symposium, conferences, project expo, teachers' day, alumni meet, sports day, graduation day, Annual day etc

Monitoring Committee

- The institution has a Monitoring Committee that ensures regular Academic audit of the following:
- Syllabus coverage
- Unit completion
- Attendance
- Monitoring the performance of slow learners
- Special assignment
- Lecture notes
- Personal log book
- Department activities
- Internal Marks calculation
- Slip Test Monitoring

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and Development of the curriculum prepared by the University?

- As an affiliating college of JNTUK-Kakinada, the college actively participates in the design and development of curriculum by communicating the suggestions made by the board of studies of different departments to the university.
- Faculty members regularly attend workshops and seminars on revision of curriculum and offer their suggestions to enrich the curriculum.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

- Yes, KITS College had formal mechanism to obtain feedback from student and stakeholders.
- Alumni meets are organized to obtain their views on curriculum like Effectiveness of teaching process, Quality of teaching, Adoption of new technologies, Opinion on existing Curriculum, Relevance of curriculum in our Job. Feedback is obtained from the outgoing students on curriculum and worthy suggestions is communicated to the University for Curriculum Enrichment.

ALUMNI FEED BACKFORM

KKR AND KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

(Approved by AICTE, NEW DELHI| Affiliated to: JNTUK-Kakinada)

Vinjanampadu, vatticherukuru, Guntur-17.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Academic Year:

date:

ALUMNI FEEDBACK FORM

As part of our evaluation about the ----- department in KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES College of Engineering & Technology, cse department would like to take a few minutes to complete this brief questionnaire. Your participation is greatly appreciated.

ALUMNI CAREER INFORMATION

Name of the Alumni :

Roll No :

E-Mail ID :

Parameter	Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
College infrastructure					
Library facilities					
Department Resources					
Faculties helpfulness					
Effectiveness of teaching process					
Quality of teaching					
Computing & Internet Facilities					
Sports, , Extra Curricular Facilities					
Personality/Communications Skills Development Facilities					

Training & Placement Cell					
Adoption of new technologies					

Mobile No : _____

Present Address : _____

Gender : Male Female

Year of Graduation from Kits : _____

Did you graduate from Kits within the Past : one year five years ten years > ten years

Highest degree earned : BE/B.Tech M.E/M.Tech other

Present Working organization: _____

Designation: _____

PROVIDE YOUR COMMENTS ON THE FOLLOWING

Opinion on existing Curriculum:

5: Excellent <input type="checkbox"/>	4: Very Good <input type="checkbox"/>	3: Good <input type="checkbox"/>	2: Satisfactory <input type="checkbox"/>
---------------------------------------	---------------------------------------	----------------------------------	--

Relevance of curriculum in your Job:

5: Excellent <input type="checkbox"/>	4: Very Good <input type="checkbox"/>	3: Good <input type="checkbox"/>	2: Satisfactory <input type="checkbox"/>
---------------------------------------	---------------------------------------	----------------------------------	--

Suggest modifications in curriculum and syllabi :

Suggest Improvements in teaching and learning Process :

Recent trends in present market :

Any other suggestions :

Signature _____

➤ Kits College conducted interactive sessions with industry Stakeholder and collected Opinion about the existing curriculum based syllabus, whether existing curriculum meets the modern technologies available in the Industries, Suggestions to improve Curriculum related to current Industry. Based on the suggestions received from them kits college conducted internal meetings to identify the gaps in the curriculum and ways of enriching the curriculum by adding extra content or conducting training programs.

INDUSTRY STAKEHOLDER FEEDBACK FORM

KKR AND KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

(Approved by AICTE,NEW DELHI| Affiliated to JNTUK Kakinada)

Vinjanampadu,Vatticherukuru,Guntur-17

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Academic Year:

Date:

INDUSTRY EXPERTS FEEDBACK FORM

As part of our evaluation about the -- department in KITS, cse department would like to take a few minutes to complete this brief questionnaire. Your participation is greatly appreciated.

1. Industry Profile

Name of the Contact Person :

Name of the Industry :

Type of Industry :

Address of Industry :

Mobile No. :

Office No. :

Email :

Would you like to be a member of Board of Studies (BOS) of this College? Yes/ No

2. Opinion about the existing curriculum based syllabus:

5: Excellent 4: Very Good 3: Good 2: Satisfactory

3. Whether existing curriculum meets the modern technologies available in the Industries.

5: Excellent 4: Very Good 3: Good 2: Satisfactory

4. Are you willing to visit KITS for Academic interactions? : Yes / No

5. Suggestions to improve Curriculum related to current Industry:

6. Any other Suggestions:

Signature

➤ KITS College conducted interaction meets with students at middle of each semester to get feedback from the Students about Knowledge of the Subject, Coverage of Syllabus, Providing more matter than in the Text Books. The feedback is also used internally to enrich the content and also fill the gaps in the Curriculum in the form of extra content.

STUDENT FEED BACK FORM

KKR AND KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

(Approved by AICTE, NEW DELHI| Affiliated to JNTUK- Kakinada)

Vinjanampadu, vatticherukuru, Guntur-17

DEPARTMENT OF COMPUTERSCIENCE ENGINEERING

Academic Year:

Date:

Class:

Session:

Semester:

Name of the teacher:

Subject taught & Course code:

TEACHER EVALUATION FORM BY STUDENT

This form is to strengthen the quality of teaching learning environment and to look for opportunities to improve teacher's performance in classroom engagement with students to bring excellence in teaching-learning process

S.NO	Parameter	Excellent (5)	VeryGood(4)	Good (3)	Satisfactory (2)	Poor (1)
1	Knowledge of the Subject					
2	Coming well prepared for the class					
3	Giving clear explanations					
4	Communication Skills					
5	Clear and audible voice					
6	Holding the attention of students through the class					
7	Providing more matter than in the Text Books					
8	Capability to clear the doubts of students					
9	Encouraging students to ask questions and participate in discussion					
11	Willingness to help students even out of the class					
13	Punctuality and following Time Table Schedule					
14	Coverage of Syllabus					

- KITS college arranged interactive sessions between the college management and parents are regularly conducted to invite their suggestions with regard to Adoption of new technologies, Effectiveness of teaching process, Quality of teaching ,Training & Placement Cell.

PARENT FEED BACK FORM

KKR AND KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

(Approved by AICTE,NEW DELHI| Affiliated to: JNTUK-Kakinada)

Vinjanampadu,vatticherukuru,Guntur-17

DEPARTMENT OF COMPUTERSCIENCEENGINEERING

Academic Year

Date:

PARENT'S FEEDBACK

As part of our evaluation about the --department in KITS, cse department would like to take a few minutes to complete this brief questionnaire. Your participation is greatly appreciated.

STUDENT & PARENT INFORMATION

Name of the Student :
 Roll No :
 Course/Branch & Year :
 Name of the Parent :
 Occupation : Govt.Employee / Pvt. Employee / Business / Farmer / Others
 Present Address :

PROVIDE YOUR COMMENTS ON THE FOLLOWING

Parameter	Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
College infrastructure					
Library facilities					
Department Resources					
Faculties helpfulness					
Effectiveness of teaching process					
Quality of teaching					

Computing & Internet facilities					
Sports, , Extra Curricular facilities					
Personality/Communications Skills Development facilities					
Training & Placement Cell					
Adoption of new technologies					
Overall rating of the department					
Overall rating of the college					

Opinion on existing Curriculum:

5: Excellent 4: Very Good 3: Good 2: Satisfactory

Any suggestions about the Curriculum:

Any other suggestions:

Signature

1.4.3 How many new programmers/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?

KITS college introduced one new post graduate program me during the last 4 years. Sanctioned Intake of the college is also increased due to the demand of the education

Intake Details of the Existing Courses

BRANCH	2012-13	2013-14	2014-2015	2015-16
B.TECH-CIVIL	60	120	120	120
B.TECH-MECH	60	120	120	120
B.TECH-ECE	120	180	180	180
B.TECH-CSE	120	180	180	180
M.TECH-CSE	18	36	36	36
M.TECH-ECE-VLSI	18	18	36	36
M.TECH-EEE-PE&D	18	18	36	36
M.TECH-ECE-DECS	-	18	18	18

Reason: To improve quality of faculty and avoid the scarcity of faculty.

CRITERION-2

TEACHING-LEARNING AND EVALUATION

2.1 Student Enrollment and Profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

Admission process in the college is done under the guidelines laid by Andhra Pradesh State Council of Higher Education (APSCHE).

The publicity to create awareness about the institute and its academic activities is achieved through the following ways

Advertisement in Regional / National dailies

The college gives advertisements in national and regional English and Telugu news papers for publicity about the college. Also, the college gives advertisements in newspapers for admissions for B Category (Management/NRI quota) seats and spot admissions for B.Tech, M.Tech, and M.B.A courses. Hoardings are displayed in and around the city. Interested candidates can download the application from college website and they have to submit the filled in application to the principal or through online. The institute completes the B-category admissions based on merit order.

Brochure & Handbook

The college publishes brochures and handbooks and they highlight the vision, mission and objectives of the college, courses offered, quality and details of the teaching staff, library, sports and games, laboratory and other infrastructural facilities.



Fig 1: KITS Brochure



Fig 2: Handout



Fig 3: Handout

College Website

- The college has a regularly updated website <http://kitsguntur.ac.in/> which provides all information about the college.
- Awareness programmes are conducted for parents and students in the admission process and various elements of Teaching Learning Processes in the college.
- The college firmly believes that students and parents are its best ambassadors.

Transparency in the admission process is ensured through the following processes

- The availability of seats in various programmes is posted in the college website.
- As per Rules and regulations of A.P. State Higher Education, students are admitted into the college through online EAMCET counseling in the website <http://www.apcamcet.org/> along with their rank and selection criteria for all the UG programmes every academic year. This process is done throughout the Andhra Pradesh state under EAMCET convener for all institutes simultaneously.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

ENGINEERING: This institute is offering 5 UG and 4 PG professional courses. As per AP State Council of Higher Education (APSCHE) norms, 70% students of UG and PG programmes are admitted through centralized admissions organized by the Government (EAMCET for UG and GATE/PGECET for M.Tech). The remaining 30% students (B-category, i.e. Management/NRI) are admitted by the institution. Advertisement is given by the institution in popular regional news papers calling for

applications for B-category seats. Merit list is prepared from the applications received, placed in the notice boards. 20% of the seats for lateral entry admissions for diploma holders into second year are made by the convener, E-CET.

MBA: This institute is offering PG programme in MBA. As per APSCHE norms, 70% of seats are filled through centralized admissions organized by the convener, ICET. The remaining 30% B category seats are filled by the institution following the same guidelines as per B-category admissions into B.Tech.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

i) A-Category (Convener Quota) admissions:

Criteria followed

- First B.Tech – EAMCET ranks
- Second B.Tech (Lateral Entry) – ECET ranks
- M.Tech - GATE / PGECET ranks
- MBA - ICET ranks

ii) B-Category (Management Quota) admissions:

Criteria followed:

The Institutions that are approved by All India Council for Technical Education are permitted to fill NRI seats not exceeding 5% of the sanctioned intake in each course for the academic year shall admit NRI candidates (sons and daughters of NRIs) who have passed the qualifying examination with not less than 50% of marks in prescribed group subjects or 50% aggregate marks in the qualifying examination or Cumulative Grade Point Average (CGPA) equivalent to 5 on a scale of 10.

The remaining seats shall be filled on merit basis with candidates including from other States and union territories who have secured rank at AIEEE (JEE-Main) and secured not less than 45% (40% in case of candidates belonging to reserved categories) of marks in the prescribed group subjects in the qualifying examination. The seats remaining unfilled from the above shall be filled with eligible candidates on merit basis following eligibility criteria laid down in rule (4) of G.O.Ms.No.74.

Thereafter, if any seats still remain unfilled such seats may be filled on merit basis with candidates securing not less than 45% (40% in case of candidates belonging to reserved categories) in the prescribed group subjects taken together/aggregate marks in the qualifying examination. All affiliated colleges are governed by the admission procedures and guidelines prescribed by the APSCHE (Andhra Pradesh State Council of Higher Education), Government of Andhra Pradesh.

Program Mode of Selection

For all B. Tech. branches A-Category (Convener Quota), students must have passed 12th Standard. B-category students also should complete 12th Standard. For all M. Tech. branches, students should have passed relevant B. Tech degree. Students who seek admission in the Master of Business Administration (MBA) degree should have passed any Degree .

Comparison of EAMCET Cutoff Ranks (OC General) with other colleges of same affiliating University

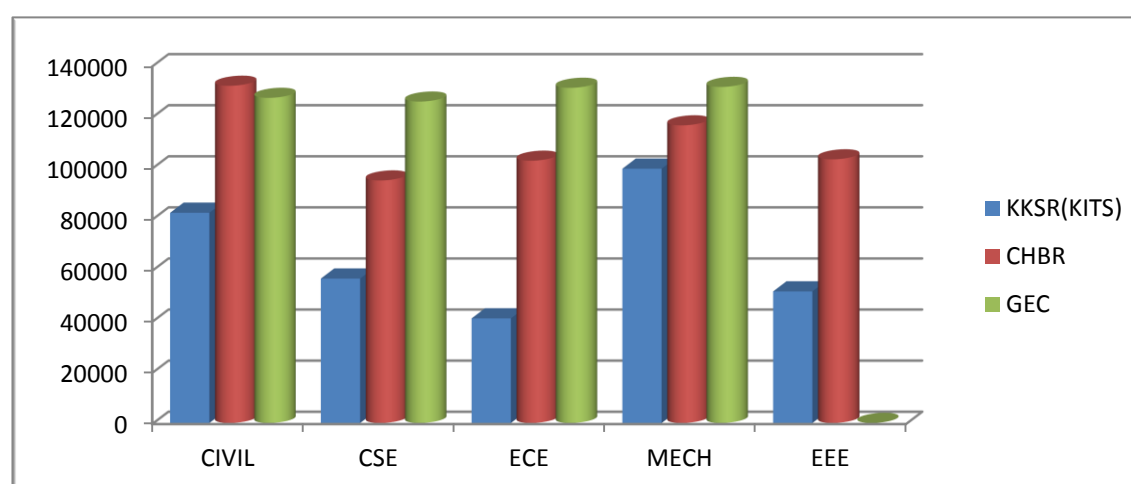
2015-2016

Department	KKSR	CHBR	GEC
CIVIL	82290	132022	127291
CSE	56540	94941	125824
ECE	40947	102676	131222
MECH	99556	116522	131575
EEE	51513	103206	NA

Graphical Representation of Maximum cutoff ranks(OC Gen) for different UG branches at KITS comparing with other colleges

*Low Maximum Rank indicates the qualitative students admission in KITS

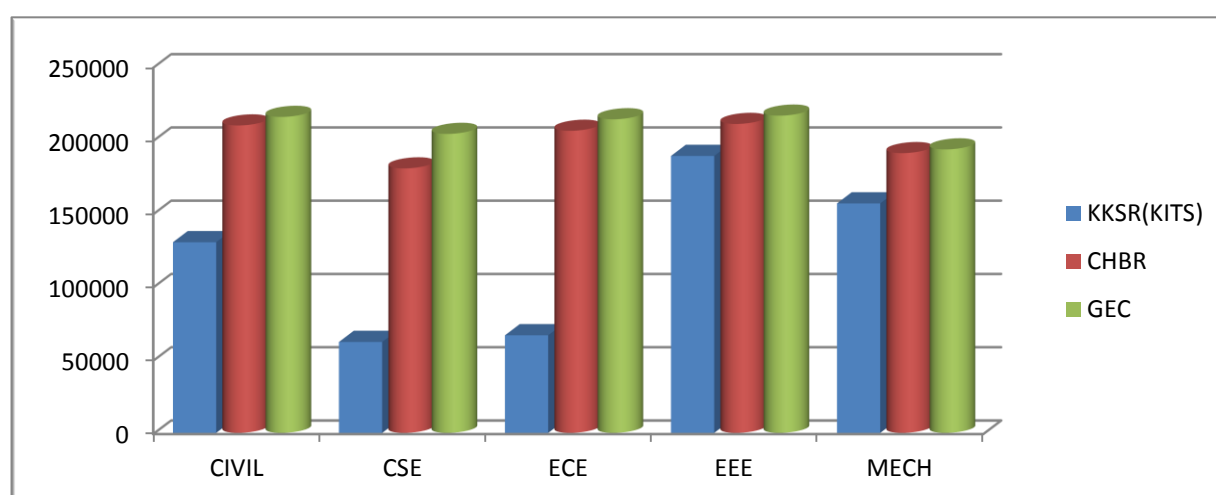
2014-2015



Department	KKSR	CHBR	GEC
CIVIL	130111	209796	215630
CSE	62031	180475	204037
ECE	66586	206146	214006
EEE	188989	210837	216482
MECH	156603	190910	193446

Graphical Representation of Maximum cutoff ranks(OC Gen) for different UG branches at KITS comparing with other colleges

***Low Maximum Rank indicates the qualitative students admission in KITS**

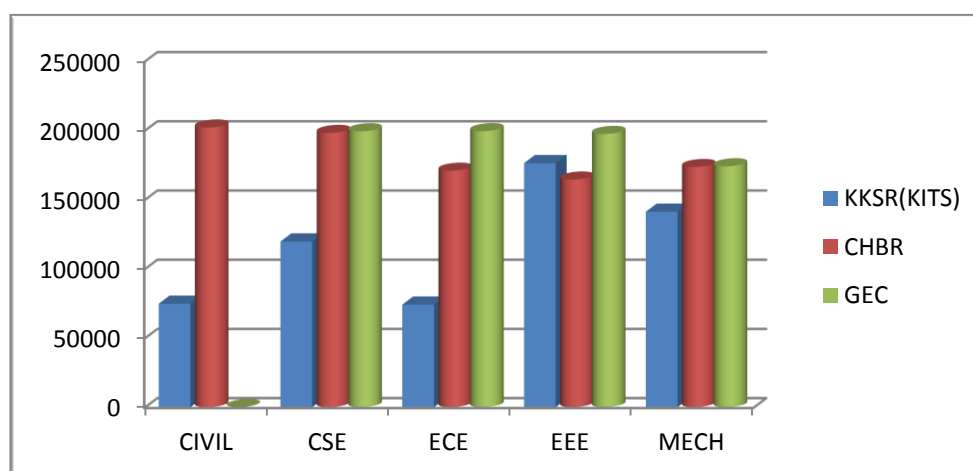


2013-2014

Department	KKSR	CHBR	GEC
CIVIL	74726	202016	NA
CSE	119690	198115	199302
ECE	74048	170809	199395
EEE	176309	164426	197395
MECH	141205	173490	173998

Graphical Representation of Maximum cutoff ranks(OC Gen) for different UG branches at KITS comparing with other colleges

*Low Maximum Rank indicates the the qualitative students admission in KITS



Quality of Students Admissions

Table-A

Courses-wise Lowest & Highest Ranks for U.G. - B.Tech Programs

EAMCET Ranks

Category	CE		EEE		ME		ECE		CSE	
	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest
2015-16										
OC	19618	82290	16898	51513	20476	99556	10570	40947	10415	56540
BC-A	56427	117439	57876	94816	60329	126479	18348	122436	52104	83731
BC-B	36777	108762	95296	106556	30437	126554	24968	110865	30154	64180
BC-C	47996	47996	0	0	57874	57874	47938	47938	0	0
BC-D	44384	103347	51576	121105	39993	107141	23873	130953	31624	110519
BC-E	26950	109972	71024	108800	57611	102349	42418	66363	36127	57572
SC	59643	128278	46018	111715	58160	128694	45531	130446	89389	131148
ST	110011	110011	0	0	96205	113502	121378	121378	0	0
2014-15										
OC	26805	189637	34543	188989	27142	156603	14920	80919	22216	62031
BC-A	97638	197344	123125	123125	106149	131157	44040	138098	38109	184759
BC-B	70254	156578	66231	147239	146210	177364	43899	172791	47873	190463
BC-C	153197	169028	20964	20964	0	0	148462	148462	0	0

BC-D	76684	168652	162624	162624	37713	189848	60233	161792	72215	177447
BC-E	116405	143179	0	0	138973	179115	82057	183033	27671	148446
SC	54710	177197	88193	138790	115181	199694	0	0	0	0
ST	0	0	0	0	173620	173620	188665	188665	87563	87563
2013-14										
OC	28097	74726	36263	176309	33054	141205	16187	74048	26101	119690
BC-A	92196	153249	95810	137822	90863	169354	36736	136045	94835	165552
BC-B	83178	193045	86901	112630	86883	176077	44660	181164	151326	206341
BC-C	160733	160733	0	0	0	0	127410	127410	0	0
BC-D	46457	160239	0	0	82487	193568	34044	160520	50825	158175
BC-E	73740	192170	0	0	88944	212925	55164	160272	77787	164599
SC	74361	199875	195003	195003	39890	208905	139927	201113	109680	109680
ST	163079	174326	88852	88852	0	0	0	0	169005	169005

Table-B

Courses-wise Lowest & Highest Ranks for U.G. - B.Tech Programs

ECET Ranks

Category	CE		EEE		ME		ECE		CSE	
	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest
2015-16										
OC	1890	3390	457	4097	2159	6505	1177	5011	151	277
BC-A	0	0	1946	1946	3621	3962	1024	5384	0	0
BC-B	3110	4202	491	3629	1860	3901	1211	5284	0	0
BC-C	0	0	758	758	0	0	0	0	0	0
BC-D	3663	3663	225	4563	3331	3331	4794	5620	0	0
BC-E	4551	4551	2181	2181	0	0	0	0	0	0
SC	1225	4754	5638	5638	0	0	5826	5826	0	0
2014-15										
OC	553	4115	1231	2389	2628	8717	367	8305	3606	3606
BC-A	3839	5031	4711	4711	0	0	4748	7808	707	1528
BC-B	1155	6205	2829	5340	0	0	3639	5900	0	0
BC-C	5962	5962	0	0	0	0	0	0	0	0
BC-D	984	5865	1402	4056	0	0	6335	6335	0	0

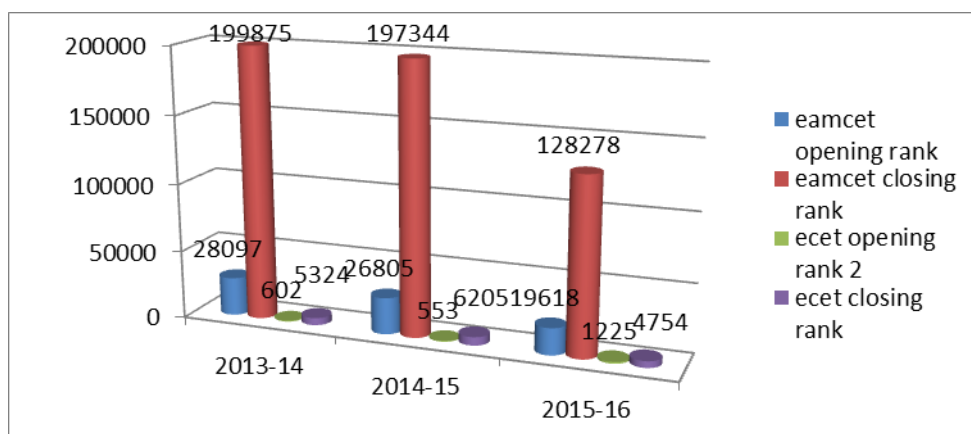
BC-E	3306	5411	0	0	5315	5315	2148	2148	0	0
SC	3753	4451	4333	8196	2646	2646	2542	10410	0	0
2013-14										
OC	602	1798	1066	3096	3381	3381	1154	4114	0	0
BC-A	3791	3791	1431	10152	0	0	2902	6108	0	0
BC-B	1466	1466	0	0	0	0	4043	9843	1514	1514
BC-C	0	0	0	0	0	0	0	0	0	0
BC-D	3025	5324	2402	5784	391	3983	2919	7211	0	0
BC-E	0	0	0	0	0	0	665	665	0	0
SC	2427	5132	8656	10002	3471	8602	7369	8366	3288	3288
ST	2262	2262	0	0	0	0	0	0	0	0
Table-C										
Courses-wise Lowest & Highest Ranks for M.TECH Programs										
GATE/PGECET										
Category	CSE		VLSI		DECS		PED			
	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest		
2015-16										
OC	1092	4767	942	942	.....	.....	3687	3687		
BC-A	2603	2603	.....	.....	.....	.....	.....	.....
BC-C	.....	.....	3179	8278	.....	.....	.....	.....
SC	.....	.....	7459	9227	.....	.....	.....	.....
2014-15										
OC	3946	11829	1880	19567	2620	12120	4066	4066		
BC-D	.....	.....	9163	21580	.....	.....	.....	.....
BC-E	.....	.....	3412	23209	.....	.....	.....	.....
SC	20228	20228	20651	26985	2417	2417	14932	14932		
2013-14										
OC	4028	13864	9423	9476	11284	12815	2066	11845		
BC-A	7231	7231	9924	20417	.....	.....	7210	7210		
BC-B	.....	.....	13629	13629	.....	.....	2228	11566		
BC-D	17988	17988	.....	.....	13864	18606	5484	9400		
BC-E	.....	.....	.....	.....	.....	.....	.....	.....
SC	18472	21672	.....	.....	.....	.....	.....	.....

Table-D
Courses-wise Lowest & Highest Ranks for MBA Programs
ICET

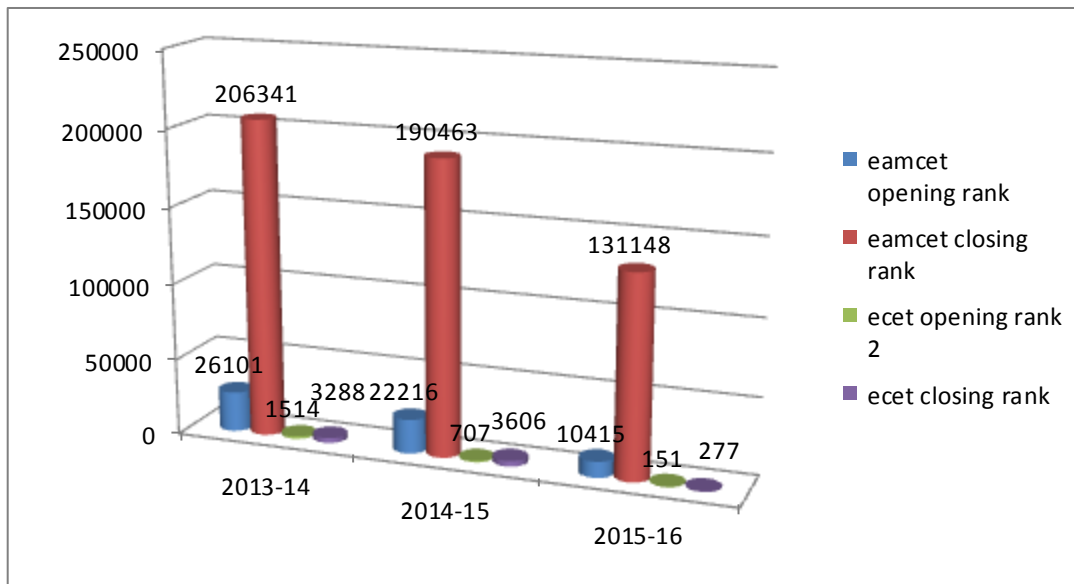
Category	2013-14		2014-15		2015-16	
	Lowest	Highest	Lowest	Highest	Lowest	Highest
OC	14144	112193	1705	113646	672	61002
BC-A	39363	39363	87844	87844	2141	51022
BC-B	73390	73390	31789	90818	17194	43630
BC-C	7616	7616	.....	.....	3179	3179
BC-D	9713	117445	64678	110368	8278	58879
BC-E	21154	59812	18983	18983	49870	49870
SC	.....	.....	40083	117756	7459	48973
ST	.....	.....	53881	53881	.....	.....

CONTINUOUS QUALITATIVE IMPROVEMENT IN STUDENTS ADMISSIONS THROUGH VARIOUS ENTRANCE EXAMINATIONS

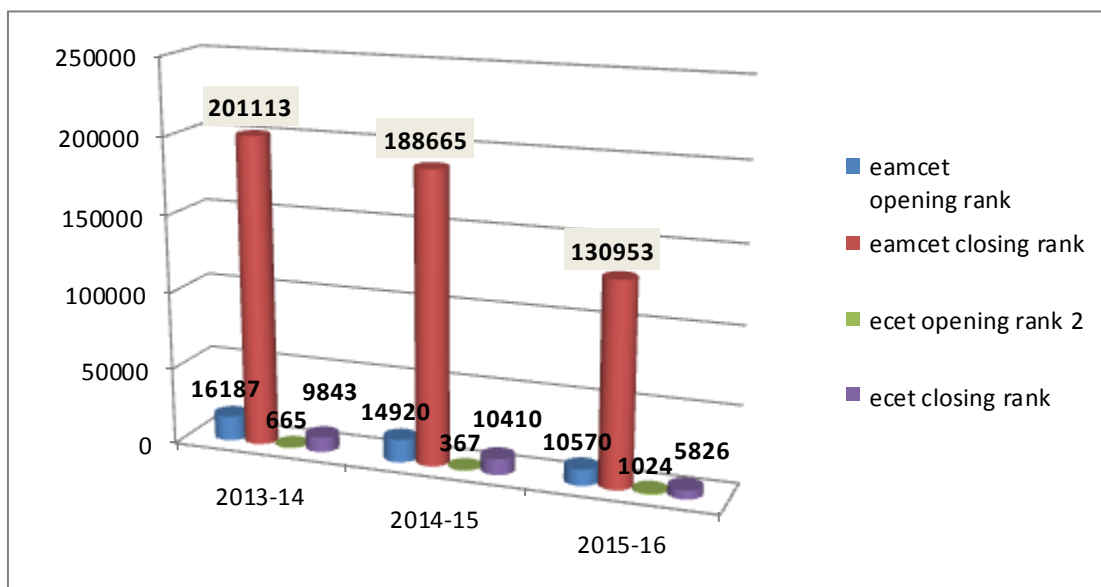
(i) CIVIL ENGINEERING

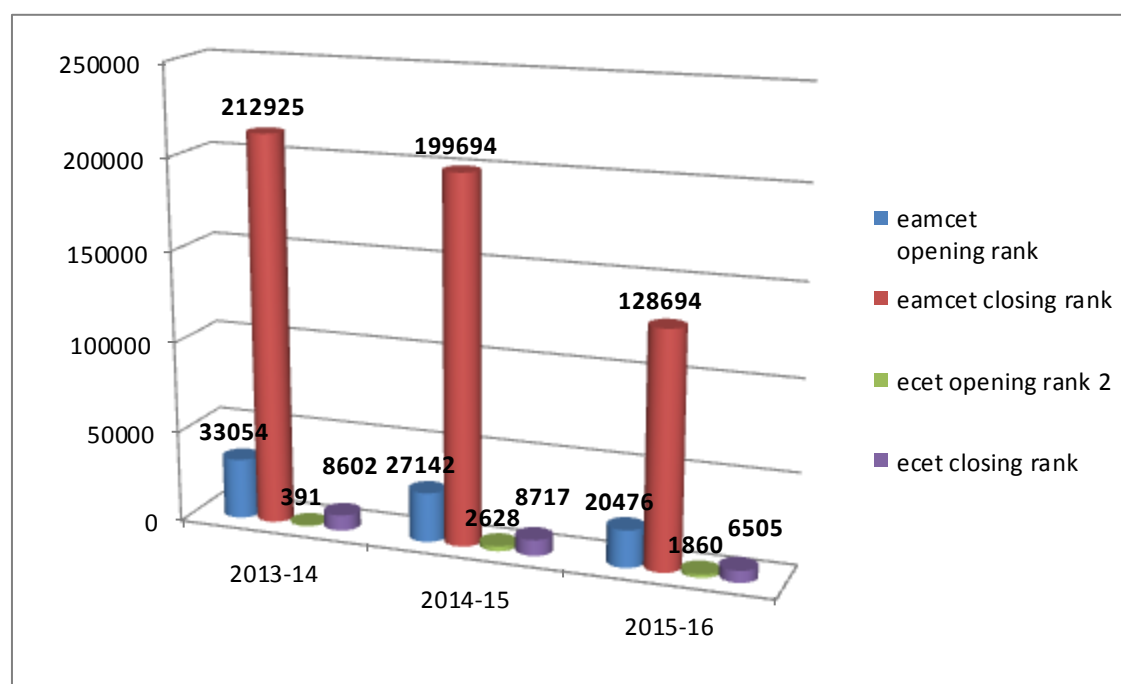


(ii) COMPUTER SCIENCE ENGINEERING



(III) ELECTRONICS AND COMMUNICATIONS ENGINEERING



(IV) MECHANICAL ENGINEERING

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

The process of admissions is totally under the control of the APSCHE, Government of Andhra Pradesh. Even though admission process is uniform across the state, admitted students, profiles are reviewed by the Institute every year. The institute highlights its achievements in media to improve its profile and attract better students. It is hoped that the quality of teaching and care taken by the college, such as conducting special classes for slow learners and conduct of classes on topics beyond syllabus, pre-placement training, encouraging students to participate in seminars, group discussions, technical skills, communication skills etc. will be spread by students to the society leading to improvement in quality of admissions.

2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

- SC/ST
- OBC
- Women
- Differently abled
- Economically weaker sections

- Minority community
- Any other

The admission process is in the control of APSCHE. Admissions are based on reservation policies of Andhra Pradesh state government. The admission process is as per the reservation policies by the APSCHE. The institution provides the needed facilities and sticks to the governmental policies in all its process.

SC/ST/OBC/Economically weaker sections:

The admission procedure for SC/ST/OBC/EWS students is as per the reservation policy of the State Government. Book bank facility is provided for SC/ST students. Fee reimbursement is given by the state government to the SC/ST/OBC/ EWS students.

Women:

33% of seats are reserved for women in convener quota as per reservation policy of the state government. They can also compete under open category.

Category	Gender	2014-15	2013-14	2015-16	2016-17
OC	MALE	235	192	93	163
	FEMALE	189	191	101	132
BC-A	MALE	21	24	22	28
	FEMALE	10	8	22	16
BC-B	MALE	30	21	38	33
	FEMALE	20	8	21	17
BC-C	MALE	2	2	1	2
	FEMALE	2	0	2	1
BC-D	MALE	34	25	38	40
	FEMALE	12	6	13	10
BC-E	MALE	16	26	17	18
	FEMALE	12	10	13	6
SC	MALE	23	27	60	35
	FEMALE	3	4	11	16
ST	MALE	2	4	3	1
	FEMALE	0	0	1	1

A women empowerment & grievance cell is constituted. It is headed by one senior lady staff member who is supported by one lady faculty member from each department is constituted. The cell looks after the welfare of girl students and women staff members.

Differently Abled

Differently abled students are allotted seats as per the reservation policy of the state government. For them, classes are held in the ground floor where ramps are available. Computer centre facility is available in the ground floor. Separate toilets are provided for such students. Seats in front row are allotted for them in classrooms.

Minority Community:

Reservation is available to the minority community as per the state government's policies.

2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends i.e. reasons for increase/decrease and actions initiated for improvement.

S.No	Program	Course	Students Intake	Students Admitted	Demand Ratio
2015-16					
1	UG	Civil Engineering	120	110	92%
2		Electrical & Electronics Engg.	60	46	77%
3		Mechanical Engineering	120	105	88%
4		Electronics & Communication engineering	180	177	98%
5		Computer Science engineering	180	180	100%
1	PG	Power Electronics & Drives	36	2	6%
2		VLSI	36	8	22%
3		Computer Science Engineering	36	6	17%
4		DECS	18	0	0%
2014-15					
1	UG	Civil Engineering	120	111	93%
2		Electrical & Electronics Engg.	60	42	70%
3		Mechanical Engineering	120	107	89%
4		Electronics & Communication engineering	180	175	97%
5		Computer Science engineering	180	176	98%
1	PG	Power Electronics & Drives	36	2	6%
2		VLSI	36	15	42%
3		Computer Science Engineering	36	7	19%

4		DECS	18	3	17%
2013-14					
1	UG	Civil Engineering	120	104	87%
2		Electrical & Electronics Engg.	60	48	80%
3		Mechanical Engineering	120	108	90%
4		Electronics & Communication engineering	180	145	81%
5		Computer Science engineering	180	143	79%
1	PG	Power Electronics & Drives	18	11	61%
2		VLSI	18	7	39%
3		Computer Science Engineering	36	16	44%
4		DECS	18	6	33%

S.No	Program	Year	Students Intake	Students Admitted	Demand Ratio
1	MBA	2015-16	120	79	65.83%
2		2014-15	120	76	63.33%
3		2013-14	120	54	45%

2.2 Catering to Student Diversity

2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

1. The institute follows all the norms of the concerned regulatory/governing agencies including state and central governments i.e the AP government policies (EAMCET/AICTE Norms).
2. The institute provides railings at stair case for differently abled students.
3. The institute facilitates lift, wheel chair and helpers for differently abled students.
4. Examinations are conducted at ground floor for differently abled students.



Lift for differently abled students

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process ?

Yes.

i) After completion of counseling, the institute provides an application form for students to fill their details during the admission in the college premises.



Application form for UG Admission

Inauguration and Orientation programme

ii) The institution conducts Inauguration and Orientation program every year for students and parents before the commencement of class work regarding facilities, faculty expertise, rules & regulations, discipline of the college, and the teaching-learning methodology to create awareness about the college. The students are provided hand out consisting the information of syllabus, credits, etc. The students and parents are encouraged to express their problems and elicit other information during Inauguration and Orientation program.

iii) After the Orientation program, the institute conducts orientation classes on computers and mathematics for newly admitted students before commencement of class work.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

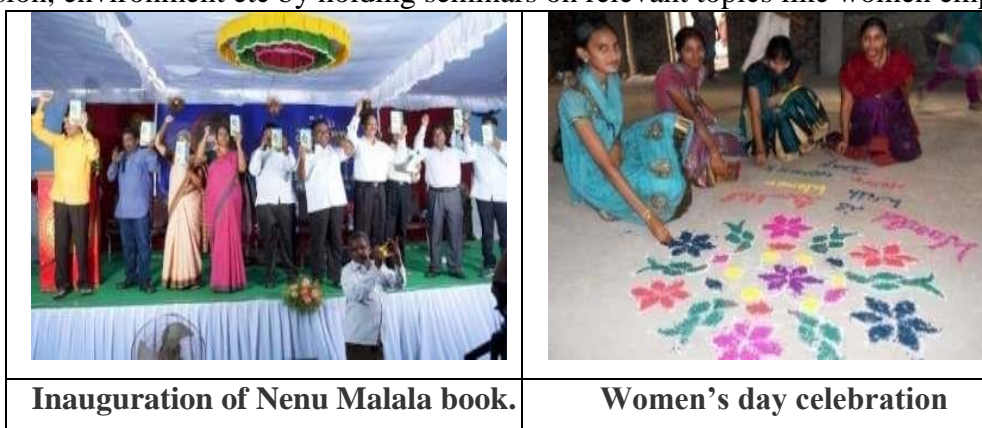
The strategies adopted by the institution are:

- i) Bridge courses are not conducted because in first year B.Tech students study the subjects in extension to Intermediate.
- ii) The institution conducts four years of communication skills classes along with curriculum and provides English communication skills.
- iii) Remedial classes and tutorial classes are organized to clarify doubts, re-explaining of critical topics for improving performance.

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

The college sensitizes its staff and students on issues such as gender, inclusion, environment etc. in this regard, the college organizes KITS-YUVA - National level students meet every year. In this program, students and staff form a committee and conducts paper presentation competitions regarding environment issues to keep them alive to such issues.

- i) The college, being co-educational institution sensitizes its staff and students on issues such as gender, inclusion, environment etc by holding seminars on relevant topics like women empowerment.



- ii) Celebration of women's day by teachers and students is an act of inclusion sensitized by the institute.
- iii) The institute sensitizes the issue of environment by incorporating plantation in and around the campus

2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?

- i) Departments identify advanced learners based on their performance in academics results as well as their performance in class tests, assignments and tutorials.
- ii) The college encourages the students to participate in technical events like presentation of papers, workshops, technical quiz, poster presentation, Debugging, programming and etc.
- iii) The college encourages the students for higher education.
- iv) The college encourages the students to prepare for competitive exams like CAT, GRE, TOFEL and etc.
- v) The college motivates the students to do certification courses.



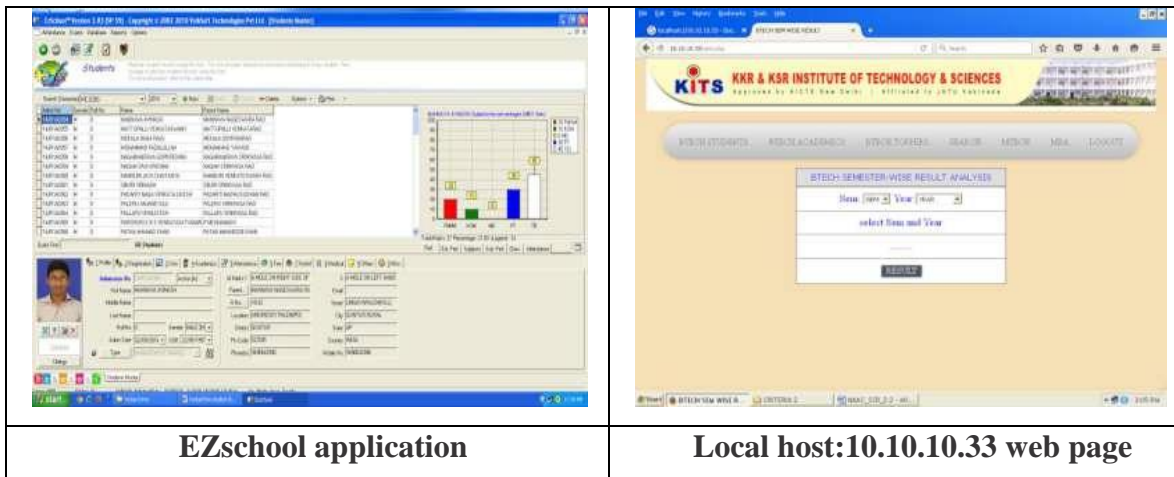
- vi) Special classes are conducted for students deficient in English language and for them English communication skills improvement classes are conducted.
- vii) The advanced learner's are encouraged by giving the charge as mentors and masters for the programs SELF (Speaking English language fluently) and LEAD (Learn English and Drive).

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is provided)?

The institution maintains the academic records with eZschool application tool and internal local host (10.10.10.33) to identify the students who are weak or slow learners through the observation of their performance in internal tests..

1. Resultantly the students are regular to their classes and the dropouts registers less than 1% per year.
2. The institute facilitates lift, wheel chair and helpers for differently abled students.
3. Special classes are conducted for students deficient in subjects.
4. Remedial classes are organized to clarify doubts, re-explanation of critical topics for improving

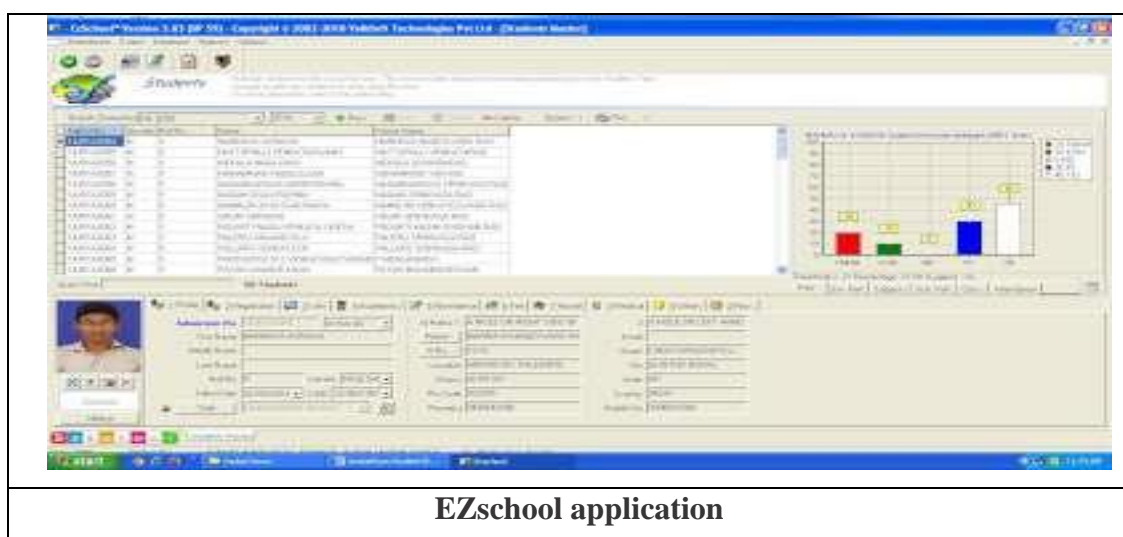
- performance.
- One faculty member is assigned as counselor for every 20 students. The faculty Mentor assesses the nature of their problem. Students with psychological / emotional problems are also motivated in a friendly way to reach their academic goals.
 - Frequent absenteeism is dealt with by informing the parents over phone and sending registered letters.






EZschool application

Local host:10.10.10.33 web page

- The institution conducts unit wise tests and internal exams to identify the students who are weak in subjects.
- The institution provides faculty class in-charges for every section to identify the weak students by knowing their performance in internal exams results. The results are taken from both EZschool application.
- The institution conducts remedial classes / Tutorial classes for students who are slow learners to improve their performance.
- Hands on sessions for students.
- The chairman interacts with the students and motivate them highly at the beginning of each semester.
- The institution provides enrichment courses like MONGODB and NODEJS.



EZschool application

		
Hands on session PCP-Design	MONGODB and NODEJS	KITS YUVA- 2016

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

i) Academic & Activities Calendar ii) Academic Plan iii) Evaluation

i) Academic& Activities Calendar:

The academic calendar issued by the affiliating University JNTUK is followed. It is included in the students handout. The academic calendar for the department is prepared keeping in view the University academic calendar which includes different activities to be organized at the department level.

Academic Calendars for the Students admitted in the academic year 2015-16
B.Tech I Year - I & II Semester

B.Tech I Year (2015 Admitted Batch) I Semester			
Description	From	To	Weeks
Commencement of Class Work	02-07-2015		-
Orientation Program	03-07-2015	11-07-2015	-
I Unit of Instructions	13-07-2015	12-09-2015	9W
I Mid Examinations	14-09-2015	19-09-2015	1W
II Unit of Instruction	21-09-2015	14-11-2015	8W
II Mid Examinations	16-11-2015	21-11-2015	1W
Preparation & Practicals	23-11-2015	28-11-2015	1W
End Examinations	30-11-2015	12-12-2015	2W
Commencement of Class Work	14-12-2015		-
B.Tech I Year (2015 Admitted Batch) II Semester			
Commencement of Class Work	14-12-2015		-
I Unit of Instructions	14-12-2015	06-02-2016	8W
I Mid Examinations	08-02-2016	13-02-2016	1W
II Unit of Instruction	15-02-2016	09-04-2016	8W
II Mid Examinations	11-04-2016	16-04-2016	1W
Preparation & Practicals	18-04-2016	23-04-2016	1W
End Examinations	25-04-2016	07-05-2016	2W

ii) Academic Plan:

At the beginning of the semester HOD's discuss with their staff members and allot subjects. After subject allotment, the faculty members prepare the academic plan (Lesson plan) and the same is presented before HOD.

It consists of

- Teaching schedule.
- Text books, Reference books and important URL's for the subject material.

ACADEMIC PLAN (LESSON PLAN)

Department of Electronics and Communication Engineering

Name of Faculty: G.MALYADRI

Class: IV-I ECE –A,B & C

Name of Course: Digital Image Processing

Course Code: R41043

Lesson Plan

Sl. No	Lecture No	Topic	Teaching Aid	Text Book/ Reference Book	Page no's in the Textbooks
01	Lecture 01	UNIT-I Origins of Digital Image Processing	Glass Board and Chalk Piece	T1/T2	3/1
02	Lecture 02	Uses Digital Image Processing, Fundamental steps in Digital Image Processing	GB and CP	T1/T2	7,25/4,22
03	Lecture 03	Components of an Image Processing System, Digital Image Fundamentals Elements of Visual Perception	GB and CP	T1/T2	28,34/17,37
04	Lecture 04	Light and Electromagnetic Spectrum	GB and CP	T1/T2	42
05	Tutorial 01	Imaging Sensing and Acquisition	GB and CP	T1/R1	45
06	Lecture 05	Image Sampling and Quantization	GB and CP	T1/T2	52
07	Lecture 06	Some Basic Relationships between Pixels	GB and CP	T1/T2	66/67
08	Lecture 07	Introduction to the Mathematical Tools used in Digital Image Processing	GB and CP	T1/T2	94/20-63
09	Lecture 08	Need for Image Transforms, Spatial	GB and CP	T2	122
10	Tutorial 02	Frequencies in Image Processing	GB and CP,PPT	T2	123

11	Lecture 09	Introduction to Fourier Transform	PPT	T2	132
12	Lecture 10	Discrete Fourier Transform	GB and CP	T2	133
13	Lecture 11	Fast Fourier Transform and its algorithm	GB and CP	T2	147
14	Lecture 12	Properties of Fourier transform – Sampling Theorem,	GB and CP	T2	144
15	Lecture 13	Parseval’s Theorem	GB and CP	T2	148
16	Tutorial 03	Discrete Cosine Transform	GB and CP	T2/R1	148/194
17	Lecture 14	Discrete Sine Transform	GB and CP	T2	150
18	Lecture 15	Walsh Transform	GB and CP	R1/T2	175/150
19	Lecture 16	Hadamard Transform	GB and CP	R1/T2/R3	181/152/155
20	Lecture 17	Haar Transform, Slant Transform,	GB and CP	R1/T2/R3	182- 193/155- 156/159
21	Tutorial 04	SVD and KL Transforms or Hotelling Transform	GB and CP	R1/T2/R3	202/157- 168/163
UNIT-II					
22	Lecture 18	Background, Some Basic Intensity Transformation Functions	GB and CP	T1/R1	76,85
23	Lecture 19	Histogram Processing, Fundamentals of Spatial Filtering	GB and CP	T1/T2	88-108/189
24	Lecture 20	Smoothing Spatial Filters,	GB and CP	T1	119
25	Lecture 21	Sharpening Spatial Filters	GB and CP	T1	125
26	Lecture 22	Combining Spatial Enhancement Methods	GB and CP	T1	137
27	Tutorial 05	Using Fuzzy Techniques for Intensity Transformations	GB and CP,PPT	T1	195
28	Lecture 23	using Fuzzy Techniques for Spatial Filtering	GB and CP	T1	211
UNIT-III					
29	Lecture 24	Preliminary Concepts, Sampling	GB and CP	T1	224
30	Lecture 25	Fourier Transform of Sampled Functions	GB and CP	T1	233
31	Lecture 26	The Discrete Fourier Transform (DFT) of one Variable,	GB and CP	T1	242

Functions of Two Variables					
32	Tutorial 06	Some Properties of the 2-D Discrete Fourier Transform,	GB and CP	T1	258
33	Lecture 27	The Basic of Filtering in the Frequency Domain	GB and CP	T1	277
34	Lecture 28	Image Smoothing using Frequency Domain Filters	GB and CP	T2	208
35	Lecture 29	Selective Filtering, Implementation	GB and CP	T1	316-220
UNIT-IV					
36	Lecture 30	A Model of the Image Degradation/Restoration Process	GB and CP	T1	334
37	Tutorial 06	Noise Models	Assignment	T1/T2	335/216
38	Lecture 31	Restoration in the Presence of Noise Only- Spatial Filtering	GB and CP	T1/T2	344/222
39	Lecture 32	Periodic Noise Reduction by Frequency Domain Filtering	GB and CP	T1	357
40	Lecture 33	Linear, Position-Invariant Degradations	GB and CP	T1	365
41	Lecture 34	Estimation the Degradation Function, Inverse Filtering	GB and CP	T1	365-373
42	Tutorial 07	Minimum Mean Square Error (Wiener) Filtering	GB and CP, PPT	T1/R2	374/152
43	Lecture 35	Constrained Least Squares Filtering, Geometric Mean Filter	GB and CP	T1/R2	379-383/176
44	Lecture 36	Image Reconstruction from Projections	GB and CP	T1	384
UNIT-V					
45	Lecture 37	Distribution of MID-I Answer scripts ,Color Fundamentals, Color Models,	GB and CP	T1/T2	417-429/339
	Lecture 38	Pseudo color Image Processing	GB and CP	T1/T2	436/364
46	Tutorial 08	Basic of Full-Color Image Processing	GB and CP	T1	446
47	Lecture 39	Color Transformations, Smoothing and Sharpening	GB and CP	T1/T2	448-464/365
48	Lecture 40	Image Segmentation Based on Color	GB and CP	T1	465-469
49	Lecture 41	Noise in Color Image Color Image compression	GB and CP	T1/T2	473/370
UNIT-VI					
50	Lecture 42	Image Pyramids, Sub band Coding & Haar Transform	GB and CP	T1	484-496
51	Tutorial 09	Multiresolution Expansions, Wavelet Transforms in One Dimension	GB and CP	T1	499-505

52	Seminar	The Fast Wavelet Transform	Seminar	T1	515
53	Lecture 43	Wavelet Transforms in Two Dimensions,	GB and CP	T1	523
54	Lecture 44	Wavelet packets	GB and CP	T1	532
55	Lecture 45	Fundamentals, Various Compression methods	GB and CP	T1/T2	548/238
56	Tutorial 10	Digital Image watermarking wavelet based image compression, wavelet based denoising	PPT	T1/T2/R1	636/537/659
57	Lecture 46	UNIT-VII Preliminaries, Erosion and Dilation, Opening and Closing	GB and CP	T1	650-657
58	Lecture 47	Hit-or-Miss Transformation, Some Basic Morphological Algorithms	GB and CP	T1	662-684
59	Lecture 48	Grey- Scale Morphology	GD	T1/T2	687/398
60	Lecture 49	UNIT-VIII Fundamentals	GB and CP	T1/R4	712/153
61	Tutorial 11	Point, Line, and Edge Detection	PPT	T1	714
62	Lecture 50	Thresholding Region-Based Segmentation	GB and CP	T1	760-788
63	Lecture 51	Segmentation Using Morphological Watersheds	GB and CP	T1	791-798
64	Lecture 52	The use of Motion in Segmentation	QUIZ	T1	800-804

Text Books:

1. Rafael C.Gonzalez and Richard E. Woods, "Digital Image Processing" Pearson Education, 2011
2. S.Sridhar, "Digital Image Processing" Oxford Publishers, 2011

Reference Books:

1. S. Jayaraman, S. Esakkirajan, T. Veerakumar, "Digital Image Processing" Mc Graw Hill Publishers, 2009
2. B.Chanda and D.Dutta Majumder, "Digital Image Processing and Analysis" Prentice Hall of India, 2011/2012(Print)
3. Anil K. Jain, "Fundamentals of Digital Image Processing," Prentice Hall of India, 2012
4. Milan Sonka, Hlavac & Boyle "Digital Image Processing and Computer Vision" Cengage Learning Publishers, 2010(Reprinted)

Web references:

- <https://engineering.purdue.edu/~bouman/ece637>,
- <http://ocw.mit.edu/https://www.cs.nmt.edu/~ip/lectures.html>,
- www.commsp.ee.ic.ac.uk/~tania/teaching/dip.html,

iii) Evaluation:

- Two mid examinations, subjective and on-line in theory subjects and one internal examination in case of practicals are conducted in each semester.
- The department will carry out internal assessment on all subjects based on internal test performance of the students.
- Internal marks are awarded duly following University guidelines.
- University conducts end semester examinations in both theory and practical subjects and evaluates the same.
- Evaluation of mini-projects and main projects is also under the purview of the University.

2.3.2 How does IQAC contribute to improve the teaching –learning process?

The IQAC is recently constituted and proposed to take up the following activities:

- Conducting internal quality audit to review and verification of course files, lab manuals and projects in progress.
- Arrangement for feedback responses from students, parents and other stakeholders on quality-related institutional processes.
- Organization of inter and intra institutional workshops, seminars on quality related themes.

2.3.3 How learning is made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

- The college offers support services to the teachers for making the learning student centric.
- The college organizes guest lectures and arranges industrial visits for students to develop their interactive, collaborative and independent learning.
- In time tables, seminar, library and internet hours are allocated for encouraging the self learning among students.

KKR&KSR INSTITUTE OF TECHNOLOGY AND SCIENCES



(Approved by AICTE, New Delhi, Affiliated to JNTU Kakimada)
 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 TIME TABLE OF II YEAR B.Tech-I SEMESTER(R13)

W.e.f 13/06/2016

ECE-1

DAY/ TIME	8:10-9:00	9:00-9:50	9:50-10:40	10:40-11:30	11:30-12:20	12:20-1:10	1:10-2:00	2:00-2:50	2:50-3:40
MON	DS	EDC / N&ET LAB			L	LIBRARY	ET	SS	ES
TUE	MEFA	DS	ES	ET	U	ES	EDC	EDC	SPORTS
WED	SS	EDC / N&ET LAB			N	CRT(CS)	DS	MEFA	ES
THU	SS	MEFA	CRT(CS)	INTERNET	C	SS	EDC	EDC* ET*	DS* SS*
FRI	ET	DS	EDC	MEFA	H	ET	COURSE LLING	SEMINAR	
SAT	ET* MEFA*	SS* ES*	ES* EDC*	MEFA* DS*	ACTIVITIES				

NAME OF THE SUBJECT	NAME OF THE FACULTY	NAME OF THE SUBJECT	NAME OF THE FACULTY
Electronic Devices & Circuits(RT21041)	Dr.M.SivagangaPrasad	E D C Lab(RT21046)	Mr.P.Ashok/B.venu
Signals & Systems(RT21044)	Mr.G.Malyadri	N & E T Lab(RT21047)	Mr.D.Subbarao/S.Mallikarjuna
Data Structures(RT21042)	Mrs.Prasanna Lakshmi	CRT(Communication Skills)	Mrs.N.Ramadevi
Electrical Technology(RT21045)	Mrs.Punyavathi	LIBRARY	Mr.B.Venu
Managerial Economics & Financial Analysis(RT21034)	Miss.Sk.Razia	INTERNET	Ms.B.Pradeepthi
Environmental Studies(RT21043)	Mrs.T.Santhisree	SEMINAR	Ms.B.Pradeepthi
		SPORTS	Mr.T.Venkat
* ----> TUTORIAL		COUNSELLING--> B.Pradeepthi/G.Malyadri	CLASS INCHARGE --> B.Pradeepthi

[Signature]
 PRINCIPAL

[Signature]
 HOD

[Signature]
 INCHARGE

Interactive learning

- The college provides state of the art seminar hall where students can participate in group discussions, debates and seminar presentations.
- Every computer in the college is connected to the network and accessed from the local host at **ftp://10.10.10.10/**

Collaborative learning

- The college organizes a National level competitions in technical (technical paper, poster, project expo's and Technical quiz), cultural, sports& games etc. during KITS-YUVA an Inter Engineering Collegiate annual meet.
- The college provides well equipped labs for students to do their project works as a team.



Independent learning

- The college provides well stocked library which consists of bulk of books, journals, project reports and other teaching material for use to students and faculty.
- The department provides well equipped labs for improving programming skills & logical thinking.
- The students can learn independently from NPTEL website with the URL as the <http://nptel.ac.in/courses/117102059/26>.
- Digital Library facility is provided to all the students to have access to Journals, e-materials etc.
- The students can learn independently from JNTUK website with the URL as the www.jntuk-coeerd.in

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

- The faculty motivates the students to participate in model making, paper presentations, software contests and various co-curricular activities in various events organized in and outside the college.
- Students are encouraged to participate in project competitions and workshops with hands on experience.
- Students are encouraged to take up live / industry projects.
- Students are encouraged to gain knowledge in interdisciplinary subjects through selection of open electives, seminars and discussions with experts.

- The college encourages participation in games & sports, NSS and other social activities to enhance their team-work skills, self esteem, and personality.
- To hone the critical thinking process of students the group discussions, debates and seminars are organized in which students explore new ideas.



Students taking part in the Project Work



NSS social activity is inaugurated in the College

Recent Project Work done by the students:

PROJECT 1: TITLE: WATER LEVEL SENSING SYSTEM

GOAL:

This project detects and controls the water level in an overhead tank or any other container. This system monitors the water level of the tank and automatically switches ON the motor when ever tank is empty. The motor is switched OFF when the overhead tank or container is FULL. Here the water level of the tank is indicated on LCD (Liquid crystal Display). Using this system, we can avoid the overflow of the water. In this project we are designing the circuit which is used to detect and control the water level automatically in overhead tank using 8051 microcontroller.

PROJECT 2: TITLE: Student Marks Analysis System

GOAL: To make camera-ready report of student-progress via, semester wise, year wise, backlogs, continuing progression, result analysis for institutional management to provide awareness and/or inductive programs for fine achievements of a student as well.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning – resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational e-learning Resources mobile education, etc.

- Modern teaching aids like LCD Projectors and Internet enabled Computer systems are used for class room instruction as well as other student learning experiences in each department.
- National Program on Technology Enhanced Learning (NPTEL) videos are accessed by every student and faculty in the campus and they are maintained in the central digital library.
- The students can learn from <http://ocw.mit.edu/index.htm>.
- The students are also encouraged to use computer software packages for their projects as given below.

Name of the Dept.	Soft ware packages
EEE	MATLAB v8.5 in 2015 with simulink tool box, Pspice Multi Sim XP
ECE	MATLAB v8.5 in 2015 with communication, signal processing tool boxes, XILINX , Mentor Graphics 14.0
MECH	ANSYS, AUTO CADD
CIVIL	STAAD Pro, AUTO CADD
CSE	Microsoft Campus Agreement (Windows –OS, MS-Office Package, Visual Studio 2008 Professional) English Career Aptitude (ECA)

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

- Staff members are encouraged to participate in short-term courses like Faculty development programs and workshops on advanced topics to enhance their level of knowledge.
- Guest Lectures/ workshops are organized by inviting experts / resource persons on advanced topics for the benefit of students and faculty.
- Faculty members are encouraged to participate / present papers at national/international seminars / conferences.
- Departments conduct Technical paper contest, Technical quiz and project exhibition etc. under departmental association activities.
- The college arranges National level competitions in technical (technical paper, poster, project expo's and Technical quiz), cultural, sports & games etc. during KITS-YUVA, an Inter Engineering Collegiate annual meet.
- The students can learn independently from JNTUK website with the URL as the www.jntuk-coeerd.in.




Prize distribution in KITS-YUVA-2015 and Work shop at Dept. of Civil Engineering

2.3.7 Detail (process and the number of students/benefited) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?

Class teachers carefully monitor the regularity of attendance and the performance of the students in internal evaluation tests and end semester examinations. Accordingly, students are advised. Further, remedial classes are conducted for poor performers to improve their performance in the sub-sequent examinations.

- Counselors / advisors are allotted for each class for a group of students to provide academic and personal guidance. Usually, one faculty member is assigned as counsel for a group of 20 students. By this way, all the students of the college are benefited.
- Students who are psychologically depressed and disturbed are provided psychological counseling by inviting psychologists.

KITS		KIR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES (Approved by AICTE New Delhi: Affiliated to JNTUK, Kakinada) Vijayanampadu, Guntur-522017.	
GENERAL PROFILE			
			
1. Student Profile (filling only capital letters)			
Name of the Student	: GUMMADI RAJESH		
Registration Number	: 12J01A8227		
Degree / Branch	: B.Tech/EEE		
Name of the Parent	: GUMMADI AMARNADH		
Date of Birth	: 01/05/1993		
Religion	: HINDU		
Category	: SC		
Year of Entry in College	: 2012		
Address SUGALI	: 19-9-116, ETUKURU ROAD, CHAKALI GUNTA, COLONY, GUNTUR-522003		
Parent Contact Number	: 91-9885292288		
Student Contact Number	: 91-8886282024		
Language Known	: TELUGU, ENGLISH		
Email	: gummadirajesh227@gmail.com		
2. Academic Background			
a. School studied in 10 th class	Name	Place	
	GUNTUR	KSR MCH HIGH SCHOOL GUNTUR	
Year of completion	: 2010	Percentage:	
	86%		
b. Intermediate / Diploma	Institute Name		
	: HINDU COLLEGE AND HIGH SCHOOL- GUNTUR		
Year of completion	: 2012	Percentage:	
			58.2%
c. Examset Rank	:		
d. Proficiency in other activities (Sports & Games, Cultural activities, Hobbies)	: CRICKET		
e. School/College Achievements	: FIRST PRIZE IN KHO-KHO		
3. Background of Parents			
a. Name of the Father	: GUMMADI AMARNADH		
Occupation	: FRUIT MERCHANT		
Education	: BELOW 10 th		
b. Name of the Mother	: GUMMADI ANJAMMA		
Occupation	: MUNICIPAL EMPLOYEE		
Education	: BELOW 10 th		
c. Annual Income	: 1.00,000/-		
d. Name of the Guardian (optional)	: NO		
Occupation	: NO		
4. Self Analysis			
a. Communication	: SATISFACTORY		
Speaking abilities	: SATISFACTORY		
Proficiency in English	: SATISFACTORY		
b. Soft Skills	: SATISFACTORY		
B. Self Motivation	: SATISFACTORY		
Towards Studies	: SATISFACTORY		
Towards Career	: SATISFACTORY		
c. Hard Working Nature	: GOOD		
d. Related to Academic	:		



Students are motivated by the psychologist

Performance in the past : LOW PERCENTAGE
Desirable performance in future : BETTER PERCENTAGE

e. Health
Blood Group : O+
Height (in feet") : 5.6
Weight (in Kg") : 76
Health problems in the past, if any? NO

5. Achievements (Books/Papers/Social Activities/Ans)

1. PARTICIPATED IN BLOOD DONATION CAMP
2. PARTICIPATED IN KHO-KHO

Students Signature _____ Parents Signature _____

FIRST YEAR – I SEM

Counselor Name: J.KALPANA
Academic from 2012 to 2013

1. Present stay : With Parents.
Address: 19-9-116, ETUKURU ROAD, CHAKALI GUNTA, SUGALI COLONY, GUNTUR-522003
Phone: 8886282024

2. Internal & External Marks:

SUBJECT CODE	SUBJECT NAME	INTERNAL	EXTERNAL	TOTAL	CREDIT	EXAM YEAR
1 R1010 3	Engineering physics-1	20	32	52	2	Reg_feb_2013
2 R1010 4	Engineering chemistry-1	19	39	58	2	Reg_feb_2013

3 R1010 5	C programming	17	43	60	2	Reg_feb_2013
4 R1010 1	English-1	21	41	62	2	Reg_feb_2013
5 R1010 7	Mathematical methods	16	50	66	2	Reg_feb_2013
6 R1011 9	C programming lab	22	45	67	2	Reg_feb_2013
7 R1011 1	English proficiency lab	22	46	68	2	Reg_feb_2013
8 R1010 9	Engineering workshop lab	23	46	69	2	Reg_feb_2013
9 R1010 2	Mathematics-i	21	49	70	2	Reg_feb_2013
10 R1010 8	Engg physics & engg lab	23	47	70	2	Reg_feb_2013
Total Marks: 642, Percentage: 71.33%						

3. Attendance:

Month/Year	SEP	OCT	NOV	DEC	JAN	Total %
%	93.06	83.34	90.04	95.06	83.08	89.72

4. Parent Counselor Meeting

S.No	Agenda	Date	Parents Signature
1	Performance In Academics	03/10/2012	
2	Attendance	02/11/2012	
3	Performance In Academics	21/12/2012	

SUGGESTIONS
(To be given by the Counselor for the improvement of students immediately after every Mid- Exams by monitoring the performance)

GENERAL BEHAVIOR : GOOD
OVERALL PERFORMANCE IN THE SEMESTER : GOOD

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

- The use of modern multi-media teaching aids like LCD projectors, Internet enabled computer systems are usually employed in the college for instruction. Creative assignments are prepared by the faculty in all the subjects and students are asked to prepare the solutions by referring the books and other e-learning materials.
- Students are also encouraged to use computer software packages for analysis and experimental work of their projects.
- Seminars / symposia are conducted regularly every year to bring out inherent talents of the budding engineers. Special guest lectures are also arranged on the latest topics by eminent academicians / industrialists.
- Faculty members are encouraged to participate in National/International level seminars by extending academic leaves and the required financial assistance.
- The college regularly arranges training programs for junior faculty members.
- College encourages teachers to enhance their subject knowledge and research in their respective fields using library resources and software.
- The college has an exclusive well equipped seminar hall.

2.3.9 How are library resources used to augment the teaching-learning process?

The library is the knowledge hub of any college. KITS library offers different services to augment the teaching-learning process. It is opened beyond working hours.

Number of users per month : **4340** (on average)

Students are encouraged to utilize the learning materials available in the library.

Faculty and students go through the video lectures like NPTEL.

College has a central library with carpet area of **10,000** sqft with all modern facilities.

The library has the following resources:

Titles	:	3391
Total No. of Volumes	:	20239
Reference Books	:	2053
Library Automation	:	Library maintenance is computerized and bar-coding Technology is used.

Library books are classified as per Dewey decimal classification.

e-Books	:	200
e-Journals	:	Delnet,J-Gate
Print Journals	:	135
Back Volumes	:	652
Project Reports	:	804

Digital Library

Number of Computers : **16** with multimedia and Internet facility

Broad Band internet Connectivity : **Yes**

Library Networks Membership : **DELNET**

- 1.The faculty and students refer the online and print journals to publish/present Technical papers.
2. Students refer the E-learning resource material available in the digital library to enhance their technical knowledge and understanding of the subjects.
3. The library and Internet centre are kept open beyond the working hours of institution. Students can download the required technical material.

	1	2	3	4	5	6	7	8	9	10
	8:10~9:00	9:00~9:50	9:50 ~ 10:40	10:40~11:30	11:30~12:20	12:20~1:10	1:10~2:00	2:00~2:50	2:50~3:40	3:40~4:30
MON				II-ECE-3	III-ECE-1	II-ECE-1	IV-ECE-3	IV-ECE-1	IV-ECE-2	
TUE				IV-I-EEE					II-I-EEE	
WED				II-CSE-1		III-CSE-1	IV-CSE-1	IV-CSE-2	II-CSE-3	
THU	II-CIVIL-2	II-CIVIL-1		III-CIVIL-1		IV-CIVIL-1	IV-CIVIL-II		III-CIVIL-II	
FRI			IV-MECH-I	II-ECE-2	III-ECE-3	II-MECH-I	II-MECH-II	IV-MECH-2		III-MECH-I
SAT				II MBA-A	II MBA-B		II-CSE-2	IV-CSE-3		III-CSE-2


PRINCIPAL

Sk. Fatima Begum
LIBRARIAN

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

YES.

Though the institute could complete the curriculum within the time frame stipulated by the University, it has sometimes faced the following challenges:

- a. Unforeseen interruptions to the class work are compensated by arranging extra classes beyond working hours.
- b. The HOD monitors the syllabus coverage in every subject and suggests suitable remedial measures to the teachers concerned.
- c. Sometimes teachers need to conduct bridge courses particularly to the lateral entry students admitted into second year so as to meet the curriculum gap.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

- 1) The inter semester and end semester feedbacks on all the subjects are taken from the students in every semester.
- 2) The feedback is analyzed and evaluated. Further, teachers are counseled by the head of the department, Vice-Principal, Principal and Chairman if required.
- 3) The College Secretary also receives the feedback by interacting with the elected group of students from each class.
- 4) Coverage of Syllabus will be monitored by the HOD in every month in the semester by verifying the subject wise register log books from teachers.

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

1. The college looks for the best faculty who has expertise in their field of study and the college advertises in popular news papers in both telugu and english to attract potential faculty from all over.
2. The HOD of each department submits the workload and the staff requirement in advance to the principle office and the same is discussed with the management and the management sanctions the new post.
3. The interview panel consists of Principal, HOD, external subject expert from nearby reputed institution such RVR&JC CE,Guntur and senior faculty from the department.

4. The institute pays AICTE pay scale to all the faculty and it has adopted standard policies / norms for increments and promotions.
5. The management encourages the faculties to upgrade their qualification by pursuing M. Phil / Ph.D.
6. The selection committee follows AICTE faculty ratio rules in terms of qualifications and student ratio.



Qualification	Professor		Assoc.Professor		Asst.Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
Ph.D	11	1	2	1	0	0	15
M.Phil	0	0	2	0	6	3	11
P.G	5	0	12	2	71	48	138
Temporary Teacher	NIL						
Part-Time Teacher	NIL						
Total	16	1	16	3	77	51	164

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

1. The institution offered Civil, EEE, Mech, ECE, CSE & PG Courses including M.Tech & MBA. It recruits qualified and experienced faculty.
2. The department of civil engineering organizes several workshops/seminars on the latest subjects to

develop and update faculty knowledge on those subjects.

3. During the last four years, many of our faculties have participated in workshops/seminars, that helps to improve the faculty knowledge and created interest in the research.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

Staff participated in workshop /seminars/conferences and national ,international publications for the last four A.Y

Faculty Name	Conference / Workshop Name	Month & Year	Venue
R.Ramesh, B.sasi kumar	Frame work for energy saving using Elliptic curve Cryptography in sensor networks	2014	NEC college of Engineering
Chittineni Aruna	A New View On Method Calls And Contracts To Facilitate Developers In Making Their Design Decisions,	2014	Canadian Research Centre for Humanities And Science, University Of Toronto,canada
	The International Symposium Of Information And Internet Technology (SYMINTTECH'2016).	2016	International Academic Conference Organized by Malaysia Technical Scientist Association (MALTESAS)
Dileep Kumar G	Different security mechanisms in two factor authentication for collaborative computing	2015	CSI
M.V.Raman janeyulu	National Conference on Advances in Mathematical Sciences	15-Dec	KBN College, Vijayawada
	Adma Pre-Conferences workshop on Fuzzy Graphs	15-Jun	BS Abdur Rahman University, Chennai
	International Workshop on Graph Label (IWOGL)	14-Dec	Kalasalingam University, Chennai
	Adma Pre-Conferences workshop on Semi Graphs	14-Jun	Reva Institute of Technology, Bangalore
	National Workshop on Latest Development in Algebra and its Applications	14-Nov	TJPS College, Guntur

	National Workshop on Recent Trends in Mathematics	13-Jul	Vignan University,Guntur
Dr. TASS Santhi sree	Reduced phenolphthalein as a chromogenic reagent or the rapid Spectrophotometric determination of Hexacyanoferrate (III)	Dec-96	coiambatore
Y. Ramu	Alternate History:A Particle in Speculative Fiction	15-Feb	Vignan University,Guntur
	Alternative History: A Need for Literary Research	15-Feb	Acharya Nagarjuna University, Guntur
Ch. B. Annapurna a Devi	An International Conference on Frontiers in Nano Technology & Sciences	14-Dec	Prsanthi Institute of Technology, Puttaparthi
	An International Conference on Glass Science & Technology	14-Dec	Acharya Nagarjuna University, Guntur
	National conference on “Recent Trends in Nano Science and Technology for Device applications.	13-Apr	KLUniversity,Guntur
	National Workshop on “Emerging Trends in Physics	12-Feb	Guntur engineering college,Guntur
	Seminar on “Emerging trends in physics	8-Mar	P.B.sidhardha college of arts & sciences,vijayawada
K.Sarath Bhushan	National Conference On Emerging Technologies In Electrical & Electronics Engineering(Ete-2015)	2015	Sri Vishnu Engineering Collge For Women, Bhimavaram,Wg,Ap.

2.4.4 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

1. The institution supports the professional development of the faculty to pursue their Ph.D programs. In this regard, the institution conducted many workshops and seminars to create interest in research
2. Faculty are given paid leaves to attend workshops, seminars and the registration fees is also reimbursed by the institute.
3. Management encourages faculties to undertake research oriented practices and development oriented projects

4. The Management announce they paid the 50% fund to whose faculty published national and international journals.



2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

NIL

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

YES

1. Faculty are evaluated by the students in terms of teaching quality by the students through feedback forms twice in a semester. This feedback is forwarded to the HOD, faculty concerned and principal to analyze and give suggestions to rectify shortcomings.
2. The feedback form mainly focuses on the various teaching skills of the faculty members, like presentation , subject knowledge, syllabus covered, communication, discipline, laboratory work and innovative practices.
3. At regular intervals,. the head of the institution interacts with a few students of each class and take the feedback on the teachers about their effectiveness in terms of teaching.
4. Performance and self-appraisal are taken from the faculty at the end of every academic year and their performance is evaluated.

This form is to strengthen the quality of teaching learning environment and to look for opportunities to improve improve teacher's performance in classroom engagement with students to bring excellence in teaching-learning process

sno	Parameter	OC	DIP	CN	VLSID	ESS	CA&O	MW&OC LAB	VLSI LAB	CRT	C/JAVA
1	Knowledge of the Subject										
2	Coming well prepared for the class										
3	Giving clear explanations										
4	Communication Skills										
5	Clear and audible voice										
6	Holding the attention of students through the class										
7	Providing more matter than in the Text Books										
8	Capability to clear the doubts of students										
9	Encouraging students to ask questions and participate in discussion										
10	Willingness to help students even out of the class										
11	Punctuality and following Time Table Schedule										
12	Coverage of Syllabus										

OC - Mr.E.Bhanuprasad
DIP - Mr.V.Muralikrishna
CN - Mr.A.Srinag
VLSID - Mr.K.Raju
ESS - Mr.P.Ashok
CA&O - Mr.M.Suresh
MW&OC LAB - Mr.M.Sudheer/T.Revathi
VLSI LAB - Mr.K.Raju/M.Nagaraju/Pradeepthi
CRT (reasoning) - Mr.V.Venkat Reddy
CRT (Arithmetic) - Mr.A.Shyam Prasad
CRT(communication skills) - Miss.Hima Bindu
C/JAVA - Mr.M.Suresh

GRADING:-
5-EXCELLENT
4-VERYGOOD
3-GOOD
2-SATISFACTORY
1-POOR

FACULTY SELF-APPRAISAL FORM

1. Name : _____

2. Designation : _____

3. Department : _____

ACADEMIC WORKS

4. Progress Report for the Academic Year : _____ Semester : I / II

	Subject 1	Subject 2	Subject 3
% of Syllabus Covered			
No. of Units Completed			
No. of Periods Conducted			
University Average (If Available)			
Percentage of Pass			
Percentage of Fail			

5. (a) Type & No. of Innovative methods (Class Room) : _____

(b) Extra Coaching Arranged : _____

6. Laboratory : _____

No. of Session Conducted : _____

No. of Experiments prescribed in the syllabus : _____

No. of Experiments Completed : _____

7. List of Seminars / Workshops Attended During this Academic Year : _____

8. List of Papers / Articles Published / Presented during the Year : _____

9. List of Sponsorship / Consultancy / Project Work : _____

10. Any other Assignments (Non – Academic Works) pertaining to:

(a) College : _____

(b) University : _____

(c) Any other Organization : _____

11. a) Appreciation / Awards / Recognition earned : _____

b) Disciplinary Actions faced : _____

12. Other activities Inside/Outside the campus towards development of self & students : _____

13. Any other information : _____

14. Whether proficient while rules, regulations, management systems : _____

15. Leave Details:

Period	CL	Loss of Pay	Number of Late's	PERMISSIONS

Date : _____ Signature of Faculty : _____

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

The regulations R07, R10&R13 for UG R09&R13 for PG give details of evaluation process. The college website and university (JNTUK) website exhibit the regulations, curriculum and syllabus in the portal www.jntuk.edu.in. If any instruction is made regarding this, it will be communicated to the students. The instructions are sent to the class rooms and are read by the faculty and the same is displayed on the notice board.

Students are informed about the internal and external assessment process, importance of attendance, pass percentage and they are made aware of eligibility criteria for writing the semester end

exams. Staff meetings are conducted periodically to review the evaluation process and also they are provided academic calendars and syllabus books.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

The college affiliated to JNTUK, Kakinada, Andhra Pradesh has initiated various evaluation reforms

The institution adopts reforms that are initiated by the University. As per R10 regulation norms, mid examinations are conducted at two intervals out of which one is descriptive test and the other is an objective test. Similarly as per R13 Regulation, internal evaluation is conducted. Objective tests are conducted by JNTU Kakinada on-line. For practical examination, a student is continually evaluated throughout the semester. University appoints an external examiner and teacher concerned conduct the external lab examination. Project work is continuously monitored and continuous reviews make the final years students strong. In R10 regulations, total internal marks are 25 and these are split into 15 marks for descriptive test and 10 marks for objective test as per **jntuk regulations**. Similarly examinations under R13 regulations are conducted for 30 marks out of which 15 marks are meant for descriptive test, 10 marks are meant for objective test and 5 marks are meant for assignments.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

The evaluation reforms of the University are followed meticulously and scrupulously. Transparency is maintained, Quiz examination is conducted by the University through online and marks will be displayed immediately after completion of the exam and internal descriptive answer booklet is shown to the students and gets that signed by the student.

Class tests are conducted to encourage the students for better improvement in the subsequent examinations.

Student can apply for recounting and revaluation of the semester end examinations as per University norms.

Internal exam time table sample

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA
EXAMINATION BRANCH KAKINADA
III SEMESTER (REGULAR) REGULATIONS OF MID-EXAMINATIONS - MARCH, 2018
T. I. S. E. T. A. B. S. E.

BRANCH	20-03-2018 (Monday)	21-03-2018 (Tuesday)	22-03-2018 (Wednesday)	23-03-2018 (Thursday)	24-03-2018 (Friday)	25-03-2018 (Saturday)	26-03-2018 (Sunday)
Electrical Engineering - I	Mathematical Engineering - I	Engineering Drawing - I	Design and Drawing of Free Hand	Basic Electrical Engineering - I	Engineering - II		Open Slot
Instrumentation Engineering - I	Mathematical & Instrumentation	Engineering Drawing - I	Design of Machine Elements	Basic Instrumentation	Management System or IT (MCA)	Open Slot	
Information Technology (AI & ML)	Mathematical	Engineering Drawing - I	Design of Machine Elements - I	Network	Web Front-End	Advanced Engineering Mathematics	Management Science
Information Technology (AI & ML) (B.Tech)	Mathematical & Information Technology (AI & ML) and English	High Speed Drawing	High Speed Drawing - I	Network Engineering			Open Slot
Information Technology (AI & ML) (B.Tech)	Mathematical Engineering	High Speed Drawing (AI & ML)	Computer Networks (AI & ML)	Design and Analysis of Algorithms (AI & ML)	Web Front-End (AI & ML)		Open Slot

External exam time table sample

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA
EXAMINATION BRANCH KAKINADA
III SEMESTER (REGULAR) SUPPLEMENTARY EXAMINATIONS - JUNE, 2018
T. I. S. E. T. A. B. S. E.

BRANCH	20-05-2018 (Monday)	21-05-2018 (Tuesday)	22-05-2018 (Wednesday)	23-05-2018 (Thursday)	24-05-2018 (Friday)	25-05-2018 (Saturday)
Electrical Engineering - I	Mathematical Engineering - I	Engineering Drawing - I	Design of Machine Elements	Basic Electrical Engineering - I	Engineering - II	Management Science
Instrumentation Engineering - I	Mathematical & Instrumentation	Engineering Drawing - I	Design of Machine Elements	Basic Instrumentation	Management System or IT (MCA)	Open Slot
Information Technology (AI & ML)	Mathematical	Engineering Drawing - I	Design of Machine Elements - I	Network	Web Front-End	Advanced Engineering Mathematics

2.5.4 Provide details on the formative and summative assessment approaches adapted to measure student achievement. Cite a few examples which have positively impacted the system.

Assignments on advanced topics are given to students for knowledge improvement. Class room interactions, group discussions improve their analytical and logical abilities. Every teacher tests the performance of the students at regular intervals. The whole process helps them to actively participate in inter/intra college competition

Summative Assessment:

The goal of summative assessment is to evaluate learning developed by a student at the end of the semester. Summative assessments are often high stakes, which means that they have a high point value. Summative Assessment takes place twice in semester in the form of MID-I and MID-II Examinations. Finally, the university conducts a summative evaluation at the end of each semester through the following.

1. End Semester Examinations
2. Practical Examinations

3. Project work
4. Seminars
5. Comprehensive Viva-Voce

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

Under R13 regulation, internal and external exams carry 30 and 70 marks for UG , 40 and 60 marks for PG courses.

Internal examinations are conducted for 30 marks out of which 15 marks are meant for descriptive test, 10 marks are meant for objective test and 5 marks are meant for assignments.

Weightage in Internal Assessment

After evaluation of the assignments/tests/projects/ etc. the results are discussed in the class and they are put on the notice board. Students are individually counseled for improving the existing methods of assessment. While evaluating students for internal assessment, transparency is maintained and due weightage is given for their behavioral attributes, independent learning and communication skills.

2.5.6 What are the graduates attributes specified by the college/ affiliating university? How does the college ensure the attainment of these by the students?

The Graduate Attributes are specified by the affiliating University in the form of Program Outcomes (PO) specific to each and every program offered by the University. These POs are aligned with the Engineering Graduate attributes, viz:

- Engineering Knowledge
- Problem Analysis
- Design & Development of Solutions
- Investigation of Complex Problem
- Modern Tools Usage
- Engineer and Society
- Environment & Sustainability
- Ethics
- Individual & Team work
- Communication
- Project management & Finance.
- Lifelong learning

Following are some of the significant achievements over the last four years. The program outcomes are achieved through curriculum that offers a number of mandatory courses as well as elective

courses. Each course has defined course outcomes that are mapped to the program outcomes and a set of performance criteria that are used to provide quantitative measurement of how well course outcomes are achieved. The course outcomes are thus directly and quantitatively assessed, and are tied to the program outcomes as shown in the course syllabi. Therefore if the course outcomes are met, the program outcomes are met. With the implementation of the specified delivery methods, the effectiveness of the courses is enhanced which helps in the attainment of Pos. The following lists the different modes of content delivery of the courses:

- M1:Lecture interspersed with discussions
- M2:Presentations using LCD Projector
- M3:Tutorial
- M4:Demonstrations
- M5:Individual/ Group project
- M6:Seminars & Assignments
- M7:Expert(Guest) Lectures
- M8:Industrial Visit
- M9:Specialized Training

The college ensures the attainment of POs by the students through an evaluation and assessment plan which consists of the following components: Class attendance and participation in class discussions etc

- Homework and Assignments
- Projects
- Slip tests
- Internal Assessment Examinations
- Retests
- Independent learning and behavioral aspects
- End-Semester Examinations

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

College level

If the student has any grievance about the marks in the internal examinations, he / she may bring it to the notice of the respective teacher. If he / she is not satisfied, the problem may be represented to the principal through the HOD concerned.

University level

Student can apply for recounting and revaluation facility at the end of the semester examinations

Hbrno	Subcode	Subname	Internal	External	credits	STATUS
14JR1E0020	MB1322	HUMAN RESOURCE MANAGEMENT	35	34	1	Change
14JR1E0021	MB1321	FINANCIAL MANAGEMENT	35	31	1	Change
14JR1E0021	MB1322	HUMAN RESOURCE MANAGEMENT	35	30	1	Change
14JR1E0023	MB1321	FINANCIAL MANAGEMENT	35	36	1	Change
14JR1E0023	MB1322	HUMAN RESOURCE MANAGEMENT	36	37	1	Change
14JR1E0024	MB1321	FINANCIAL MANAGEMENT	35	34	1	Change
14JR1E0027	MB1322	HUMAN RESOURCE MANAGEMENT	35	30	1	Change
14JR1E0033	MB1322	HUMAN RESOURCE MANAGEMENT	36	28	1	Change
14JR1E0036	MB1322	HUMAN RESOURCE MANAGEMENT	35	31	1	Change
14JR1E0038	MB1322	HUMAN RESOURCE MANAGEMENT	35	31	1	Change
14JR1E0040	MB1321	FINANCIAL MANAGEMENT	37	36	1	Change
14JR1E0046	MB1321	FINANCIAL MANAGEMENT	36	36	1	Change
14JR1E0053	MB1321	FINANCIAL MANAGEMENT	36	34	1	Change
14JR1E0054	MB1321	FINANCIAL MANAGEMENT	36	40	1	Change
14JR1E0055	MB1321	FINANCIAL MANAGEMENT	36	36	1	Change
14JR1E0056	MB1321	FINANCIAL MANAGEMENT	34	36	1	Change
14JR1E0057	MB1321	FINANCIAL MANAGEMENT	35	35	1	Change
14JR1E0059	MB1321	FINANCIAL MANAGEMENT	35	35	1	Change
14JR1E0060	MB1321	FINANCIAL MANAGEMENT	35	32	1	Change
14JR1E0061	MB1321	FINANCIAL MANAGEMENT	36	36	1	Change
14JR1E0062	MB1321	FINANCIAL MANAGEMENT	35	36	1	Change
14JR1E0063	MB1321	FINANCIAL MANAGEMENT	35	32	1	Change
14JR1E0064	MB1321	FINANCIAL MANAGEMENT	35	39	1	Change
14JR1E0065	MB1321	FINANCIAL MANAGEMENT	36	36	1	Change
14JR1E0066	MB1321	FINANCIAL MANAGEMENT	35	32	1	Change
14JR1E0067	MB1321	FINANCIAL MANAGEMENT	35	36	1	Change
14JR1E0068	MB1321	FINANCIAL MANAGEMENT	35	34	1	Change
14JR1E0069	MB1321	FINANCIAL MANAGEMENT	35	36	1	Change
14JR1E0070	MB1321	FINANCIAL MANAGEMENT	35	28	1	Change
14JR1E0070	MB1323	MARKETING MANAGEMENT	37	31	1	Change
14JR1E0071	MB1321	FINANCIAL MANAGEMENT	35	36	1	Change
14JR1E0073	MB1321	FINANCIAL MANAGEMENT	35	32	1	Change
14JR1E0074	MB1321	FINANCIAL MANAGEMENT	35	35	1	Change
14JR1E0075	MB1321	FINANCIAL MANAGEMENT	35	34	1	Change
14JR1E0076	MB1321	FINANCIAL MANAGEMENT	35	37	1	Change

2.6. Student performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?

Each department of the college has specific goals to be attained and these are termed as Program Education Objectives (PEO). A concerted effort is made to coordinate Program outcomes (PO) with course outcomes (CO) so as to enable a well oiled machinery to be in place

The learning outcomes are being displayed in the departments and at all important places of the college. These are displayed in College website

Sample Outcomes for the subject Digital Image Processing are

1. Familiar with commonly used signals such as the unit step, ramp, impulse function
2. Determine Fourier series and Fourier transforms for continuous time signals.
3. Classify signals and systems as discrete/ continuous, linear/non linear, casual/non casual, time variant/invariant systems
4. Compute the correlation of the output process for a linear time invariant system
5. Simplify higher order differential/difference signal analysis
6. Laplace & Z-transforms to analyze continuous/discrete time signals

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

S. No	Name of the Course with Specialization- in short form	Students' Performance during the Academic Year											
		2012-13			2013-14			2014-15			2015-16		
		Number appeared	Number Passed	% Passed	Number appeared	Number Passed	% Passed	Number appeared	Number Passed	% Passed	Number appeared	Number Passed	% Passed
1	B.Tech - CIVIL	45	34	75.5	57	44	77.2	61	51	83.6	63	39	61.9
2	B.Tech - EEE	47	34	72.3	66	55	83.3	57	45	78.9	62	54	87.1
3	B.Tech - ME	-	-	-	-	-	-	57	50	87.7	55	48	87.27
4	B.Tech - ECE	108	97	89.8	127	104	81.8	139	112	80.5	158	133	84.17
5	B.Tech - CSE	48	42	88	105	82	78.1	107	98	91.5	155	134	86.45
6	M.B.A.	93	93	100	67	67	100	52	52	100	77	50	65
7	M.Tech.– CSE	12	9	75	15	13	86	16	15	93.7	-	-	-
8	M.Tech. –VLSI	-	-	-	11	11	100	7	5	71.4	-	-	-
9	M.Tech. –PE&D	-	-	-	12	09	75.0	11	10	90.9	-	-	-
10.	M.Tech. –DECS	-	-	-	-	-	-	6	5	83.3	-	-	-

After the Student Results are announced by the University, the results are displayed in the notice boards of respective departments and also in the college website (www.kitsgnt.com). The parents can access the results through parent login option in the college website. The marks obtained by the students will be intimated to the parents through letters.

Based on the student's feedback the course assessment is evaluated sample form is given below.



367

KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES
(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

LEARNING OUTCOME ACESSMENT FOR SIGNALS AND SYSTEMS(RT21044)

CALCULATION DETAILS:

Learning outcome assessment on single student= (Total no. of points obtained/Total no. of points on the highest grade) x100

S.NO	NAME OF THE SUBJECT	NO.OF POINTS ON SINGLE SHEET	NO.OF STUDENTS PARTICIPATED	TOTAL NO.OF POINTS OBTAINED	NO.OF POINTS FOR ALL STUDENT	%Age	PO MAP
1	SS	65	110	5745	7150	80.34	1, 2, 5

ASSESSMENT OF LEARNING OUTCOMES FOR SUBJECT

200

SIGNALS AND SYSTEMS

CAY : 2016-17	SEM : <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	Date : 26-8-16
SUBJECT	SIGNALS AND SYSTEMS	Year : <input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV
FACULTY	G.MALYADRI	

CAY: CURRENT ACADEMIC YEAR

LEARNING OUTCOMES FOR SIGNALS AND SYSTEMS

- 1) Students' gain knowledge on problem solving.
- 2) Students' gain knowledge on implementing applications.
- 3) Students' gain knowledge on defining their own functions.
- 4) Students' gain knowledge on signal analysis.
- 5) Students' get familiarized wit F.S, FT.
- 6) Students' gain knowledge on convolution, correlation ZT.

PLEASE EVALUATE ON THE FOLLOWING SCALE:

Excellent(E)	Good(G)	Average(A)	Poor(P)	No Comment(NC)
5	4	3	2	1

SNO	QUESTIONAIRE	E	G	A	P	NC
		5	4	3	2	1
GENERAL OBJECTIVES:						
1)	Has the course achieved its stated objectives?			<input checked="" type="checkbox"/>		
2)	Have you gained the stated skills?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3)	Whether the syllabus is adequate to achieve the objectives?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4)	Whether the teacher has helped in acquiring the stated skills?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5)	Whether the teacher has given real life applications of the course?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SPECIFIC LEARNING OUTCOMES:						
6)	Have you gained knowledge on problem solving skills?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7)	Have you gained knowledge on implementing applications?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8)	Have you gained knowledge on defining user defined functions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9)	Have you gained knowledge signal analysis and sampling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10)	Have you gained knowledge on FS?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11)	Have you gained knowledge on FT.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12)	Have you gained knowledge on convolution and correlation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13)	Have you familiarized with ZT.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

34
65

2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

Teaching strategies

To follow the academic calendar given by the university.

To prepare the course file and plan the lecture and tutorial hours as per schedule given by concerned department.

Learning strategies

To conduct the assignments in theory subjects and arrange the seminars by the students

To make paper presentations and conduct group discussions.

To arrange industrial tours for practical knowledge

To assign the mini projects

Assessment strategies

Internal and external examinations in both theory and practical subjects.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

To conduct the CRT classes

Syllabus for CRT

APTITUDE	REASONING	ENGLISH
1) NUMBER SYSTEM	1) ANALOGY	1) TENSES
2) LCM & HCF	2) CLASSIFICATION	2) CONDITIONAL CLAUSE
3) PERCENTAGES	3) SERIES	3) ARTICLES
4) PROFIT & LOSS	4) CODING & DECODING	4) PREPOSITIONS
5) RATIO & PROPORTION	5) RANKING	5) DEGREES OF
6) AVERAGES	6) DIRECTION TEST	COMPARISON
7) AGES	7) BLOOD RELATIONS	6) CORRECTION OF
8) TIME & WORK	8) SEATING ARRANGEMENTS	SENTENCES
9) TIME & DISTANCES	9) CALENDERS	7) VOCABULARY
10) TRAINS	10) ANALYTICAL	8) SELF INTRODUCTION
11) BOATS & STREAMS	REASONING	9) DESCRIBING IMAGES
12) SIMPLE & COMPOUND INTEREST	1) LOGICAL DEDUCTIONS	10) NARRATING STORIES
13) CHAIN RULE	2) BINARY LOGIC	11) JAM
14) CLOCKS	3) DATA SUFFICIENCY	12) GD
15) PERMUTATIONS & COMBINATIONS	4) CUBES & DICE	13) DEBATE
16) PROBABILITY	5) VEN DIAGRAMS	14) READING COMPREHENSION

17) DATA INTERPRETATION 18) DATA SUFFICIENCY 19) MENSURATION		15) PARAGRAPH WRITING 16) CONVERSATIONAL PRACTICES
--	--	---

A workshop is conducted on the topic “An overview of finite element methods and its applications” on 24-09-2014 by Dr. A Gopala Krishna, Dept of Mechanical JNTUK and Dr. P Bangaru Babu, NIT, Warangal



NEC Coaching Center, Vijayawada conducted the workshop on an MATLAB AND SIMULINK from 18-01-2016 to 23-01-2016.



2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

Feedback from the outgoing students Feedback from employer where students are doing jobs as shown below

KKR AND KSR INSTITUTE OF TECHNOLOGY AND SCIENCES
(Approved by AICTE, NEW DELHI, Affiliated to: JNTUK-Kakinada)
Vinjanampadu, Vatticherukuru, Guntur-17.
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
Academic Year: _____ date: _____

ALUMNI FEEDBACK FORM

As part of our evaluation about the _____ department in KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES College of Engineering & Technology, our department would like to take a few minutes to complete this brief questionnaire. Your participation is greatly appreciated.

ALUMNI CAREER INFORMATION

Name of the Alumni : _____
Roll No : _____
E-Mail ID : _____

Parameter	Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
College infrastructure					
Library facilities					
Department Resources					
Faculties helpfulness					
Effectiveness of teaching process					
Quality of teaching					
Computing & Internet Facilities					
Sports, Extra Curricular Facilities					
Personality/Communications Skills Development Facilities					
Training & Placement Cell					
Adoption of new technologies					

Mobile No : _____
Present Address : _____

Gender : Male Female

Year of Graduation from Kits : _____

Did you graduate from Kits within the Past : one year five years ten years > ten years

Highest degree earned : BE/B.Tech M.E/M.Tech other

Present Working organization : _____
Designation : _____

PROVIDE YOUR COMMENTS ON THE FOLLOWING

Opinion on existing Curriculum:

5: Excellent 4: Very Good 3: Good 2: Satisfactory

Relevance of curriculum in your Job:

5: Excellent 4: Very Good 3: Good 2: Satisfactory

Suggest modifications in curriculum and syllabi :

Suggest Improvements in teaching and learning Process :

Recent trends in present market :

Any other suggestions :

Signature _____

The student is shown the answer scripts so as to make him understand his relative strengths and weaknesses .

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?




- Frequent Interaction with class representatives
- Student feedback on teaching in class rooms
- Achievement of students in co curricular and extracurricular activities

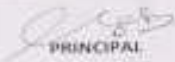
Result analysis:

KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES
(Approved by AICTE, New Delhi, Affiliated to JNTU Kakinada)

NOTICE DATE: 25-01-2016

Management, Principal and Faculty members of CSE Department Congratulate the following students for their performance in 2nd Year I semester University Exams.

S.No	REGDNO	NAME OF THE STUDENT	PERCENTAGE	PHOTO ID
1	12JRI1A0515	DAVULURI VIMALA	80.1	
2	12JRI1A0511	BRUNDAVANAM SRI PUSHPA	78.4	
3	12JRI1A0572	MANDAPATI CHANDANA	77.9	


PRINCIPAL

KITS
KRR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES
VINJANAMPADUGUNTUR-1
Department of Computer Science & Engineering
III BTECH I SEM CSE REGULAR RESULTS NOV-2015

SNO	Roll No	CD			DCS			DBMS			OS			PPL			CD LAB			DBMS LABS & LINUX LA			SEM	TOT	%						
		INT	EXT	TOT	INT	EXT	TOT	INT	EXT	TOT	INT	EXT	TOT	INT	EXT	TOT	INT	EXT	TOT	INT	EXT	TOT									
1	13JRIA05C5	24	57	81	24	64	88	26	62	88	25	59	84	27	42	69	25	49	74	25	50	75	24	46	70	50	679	87.61			
2	13JRIA0559	25	55	80	25	66	91	21	53	74	25	62	87	25	36	61	24	49	73	24	48	72	24	48	72	49	659	85.03			
3	13JRIA0535	27	56	83	27	57	84	22	51	73	27	54	81	26	33	59	23	50	73	25	50	75	25	50	75	49	652	84.13			
4	13JRIA0511	26	60	86	25	53	78	24	47	71	22	54	76	26	38	64	25	50	75	25	50	75	25	47	72	50	647	83.48			
5	13JRIA0503	23	58	81	25	55	80	19	50	69	21	44	65	27	51	78	24	49	73	25	50	75	25	50	75	50	637	82.19			
6	13JRIA0553	27	49	76	26	51	77	26	44	70	24	42	66	26	47	73	25	50	75	25	50	75	25	48	72	49	636	82.06			
7	13JRIA0515	21	54	75	25	54	79	21	52	73	24	43	67	21	55	76	24	49	73	24	48	72	24	46	70	49	636	82.06			
8	13JRIA0578	27	53	80	24	48	72	24	40	64	18	59	77	24	55	79	24	48	72	24	49	73	24	46	70	49	634	81.81			
9	13JRIA05A5	24	46	70	20	61	81	22	42	64	23	54	77	26	47	73	24	50	74	25	50	75	25	50	75	45	634	81.81			
10	13JRIA05C1	26	54	80	20	60	80	21	46	67	25	48	73	25	39	64	24	49	73	23	49	72	22	46	68	50	627	80.90			
11	13JRIA0577	24	47	71	26	31	57	23	37	60	22	56	78	23	59	82	25	50	75	25	50	75	25	50	75	50	623	80.39			
12	13JRIA0510	25	53	78	26	42	68	25	46	71	23	43	66	26	37	63	24	49	73	25	50	75	25	49	74	50	618	79.74			
13	13JRIA0510	25	53	78	26	42	68	25	46	71	23	43	66	26	37	63	24	49	73	25	50	75	25	49	74	50	618	79.74			
14	13JRIA0576	24	52	76	24	62	86	19	55	74	22	41	63	19	43	62	22	48	70	23	47	70	23	44	67	50	618	79.74			
15	13JRIA0597	27	40	67	25	41	66	25	41	66	24	45	69	26	57	83	24	49	73	25	50	75	25	46	71	47	617	79.61			
16	12JRIA0596	27	52	79	25	69	94	23	24	47	24	34	58	23	54	77	23	49	72	24	48	72	23	46	69	46	614	79.23			
17	13JRIA0592	24	44	68	25	67	92	26	36	62	22	41	63	25	33	58	25	50	75	25	50	75	23	47	70	50	613	79.10			
18	13JRIA0592	24	44	68	25	67	92	26	36	62	22	41	63	25	33	58	25	50	75	25	50	75	25	49	74	50	611	78.84			
19	13JRIA05C0	26	57	83	23	49	72	22	34	56	23	48	71	24	31	55	25	50	75	25	50	75	25	49	74	49	607	78.32			
20	13JRIA05C8	27	57	84	22	43	65	22	45	67	23	46	69	25	28	53	25	49	74	25	50	75	25	46	71	49	605	78.06			
21	13JRIA0524	26	46	72	26	42	68	22	39	61	21	40	61	24	53	77	24	49	73	23	47	70	24	46	70	49	604	77.94			
22	13JRIA0560	25	36	61	26	41	67	23	41	64	24	47	71	24	58	82	23	47	70	23	47	70	23	44	67	23	46	69	45	603	77.81
23	13JRIA0598	24	51	75	23	45	68	19	43	62	24	34	58	25	43	68	23	48	71	23	44	67	23	46	69	46	602	77.68			
24	13JRIA05C3	23	34	57	20	55	75	18	42	60	23	57	80	24	51	75	23	47	70	23	47	70	22	45	67	44	600	77.42			
25	13JRIA05B8	26	50	76	21	50	71	19	32	51	21	48	69	24	58	82	23	47	70	23	47	70	22	44	68	48	597	77.03			
25	13JRIA0554	23	55	78	26	53	79	19	33	52	23	46	69	23	35	58	24	49	73	24	48	72	24	44	68	48	597	77.03			

R. Ramidh
(400, CSE, KITS)

2.6.7 Does the institution and individual teachers use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If ‘yes’ provide details on the process and cite a few examples.

Yes, both assessment and achievements are used as indicators to assess learning outcomes.

- The performance of students is measured in both internal, external examinations and also in project works.
- The performance of students is analyzed through achievement of learning objectives.
- Every month attendance details are displayed on individual department notice boards.
- Performance appraisal of the student is done on a regular basis and accordingly action is taken.
- For the last four years there was no such subject where the pass percentage is less than **40**.

CRITERION 3

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION**3.1 Promotion of Research****3.1.1 Does the institution have recognized Research center/s of the affiliating University or any other agency/organization?**

NO - The Institution has not any recognized Research & Development Centre by the affiliated University. However, The Institution is in collaboration with the following Organizations for the Purpose of Research and Development.

1. TCS IRM Innovation Centre
2. Centre for Professional Learning and Research (CPLR), Chennai.
3. ICTACT on Data Science and Big Data Analytics.

3.1.2 Does the Institution have a Research committee to monitor and address the issues of Research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

Yes, The Institute has a Research Committee encompasses with the following members

Table 3.1 Research Committee Members

S.NO	Name of the Member	Department & Designation	Position
1	Dr. T. Srinivasa Rao	Professor, ME	Convener
2.	Dr. Ch. Aruna	Professor, CSE	Co-Convener
3.	Dr. M.Z. Rahman,	Professor, ECE	Member
4	Dr. SK. Khamuruddeen	Assoc. Professor, ECE	Member
5	Dr. M.V. Sudhakar,	Professor,ECE	Member
6	Mr. Md. M. M Ahamed	Asst.Prof, ME	Member
7	Mr. M. Amarendra	Asst.Prof,EEE	Member
8	Mr. J.V. Suresh Babu	Assoc.Professor, CE	Member
9	Mrs. R. Santhikala,	Asst.Prof,CE	Member
10.	Mrs. K. Jhancy Rani,	Asst.Prof,CSE	Member
11	Mr. V.N.V. Srinivas	Asst.Prof,CSE	Member
12	Mr. V. Ch. Purnachandra Rao	Associate Professor MBA	Member
13	Mr. G. Mahesh	Associate Professor MBA	Member
14	Mr. G. Harshavardhan	IV Year EEE	Student Member
15	Mr. Md. Aarif	III Year EEE	Student Member
16	Mr. V. Durga Prasad	III Year, ME	Student Member
17	Mr. Md. Abdulla	IV Year ME	Student Member

18	Mr. K.Y.V. Sai Reddy	III Year ECE	Student Member
19	Mr.K.Vivek	III Year ECE	Student Member
20	Ms.Y.Hima Sanghavi	IV Year CSE	Student Member
21	Mr.Ch.Venkatesh	III Year CSE	Student Member
22	Ms.Divya	IV Year CE	Student Member
23	Mr.V.Tarun	III Year CE	Student Member
24	Mr.N.Gopi	MBA	Student Member
25.	Mr.P.Srinu	MBA	Student Member

Functions of Research Committee & Roles:

1. Facilitates necessary support and independence to the principal and co investigators in the matters of Research Work.
2. Proposes various schemes/motivational steps to encourage Research attitude among the Faculty members
3. Spreads awareness among the students and faculty members regarding benefits of Research
4. Motivates the students and faculty members to get involved in various Research oriented Programs.
5. Arrange Seminars / Lectures by high profile scientists / Technologists from Research Laboratories /Universities/industries to impart Knowledge regarding Recent Scientific Developments and Latest Technologies.
6. Appoints part-time senior and reputed Research advisors.

Recommendations

- Institute has established Research Labs in Engineering Departments.
- Institute has approved a set of guidelines prepared by RC to perform Research activities.
- The Research Committee recommended that there should be permanent member ships in professional bodies.
- Recommended that there should be frequent awareness programmes to both students and faculty to encourage them in taking up Research Projects by professional/Industry Experts.
- Recommended that existing computer laboratories are modified as per the requirements of the Research Activities.
- Based up on the recommendations, the institute encourages Faculty members and students to present their Research papers at various National and International conferences and Journals/work shops.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of Research schemes/ projects?

Autonomy to the principal investigator

Faculty members of the Institute have freedom to submit their proposals related to funding projects; however these applications are verified by the senior members of the institute and authorities.

Timely availability or release of resources

Research Labs have been created to take up Research projects by the students and faculty members. A number of high-end computers and software's have been upgraded to meet the Research needs of the faculty members.

Time-off , reduced teaching load, special leave etc. to teachers

Faculty members working on major Research projects are given the facility of reduced teaching Work load. To publish their Research Papers and Articles at various National and International Conferences in the country and abroad relevant to their Research, the Scholars are sanctioned leave on duty.

Support in terms of Technology and Information needs

Encouragement is provided to staff members and students to utilize the unique library Facility for getting up Knowledge related to the Research in various fields. To support the students in terms of information needs, number of Research Journals is subscribed by the library to facilitate the needs of the Researchers. The digital library and its subscriptions help the Researchers in their Research.

The Institute has developed an innovation center and well equipped laboratories with latest technologies to cater the needs of researchers and students to carry out their projects.

The management is supporting the staff members financially to attend conferences, workshops, symposiums and to publish their research papers in various National and International Journals, Science Letters in India and Abroad,

The Institute provides air conditioned halls, Laboratories with LCD projectors, to conduct various seminars, training programs, lectures etc.

The institute is encouraging the students and faculty to utilize the laboratories, library, computer centre for carrying out their Research projects and also providing various provisions for obtaining the necessary information and technology from external sources by attending the Conferences. The Institution is providing all the necessary equipment and support for experimental projects.

Facilitate timely auditing and submission of utilization certificate to the funding authorities So far no funding projects have been taken by the Faculty members. Any other

The visionary management of the Institute has created R&D Labs to promote Research Activities in the Departments and to spread Research culture in the campus. Collaboration with few organizations

Like TCS, CPLRS, ICTACT helped the students and faculty members in terms of internships and training programs.

To motivate the students towards Research and to enhance their innovative, professional and personal skills, the Institution is conducting a Training Programme on The Mobile Application Development in Collaboration with Andhra Pradesh State Skill Development Corporation (APSSDC), Andhra Pradesh.

3.1.4 What are the efforts made by the institution in developing scientific temper and Research culture and aptitude among students?

The college has established R&D labs with unique Research facilities to promote Research and consultancy activities in the campus. With the help of the assistance provided by the Research and Development cell, the faculty members and students are encouraged to present and publish their research articles in various National and International Conferences and Journals.

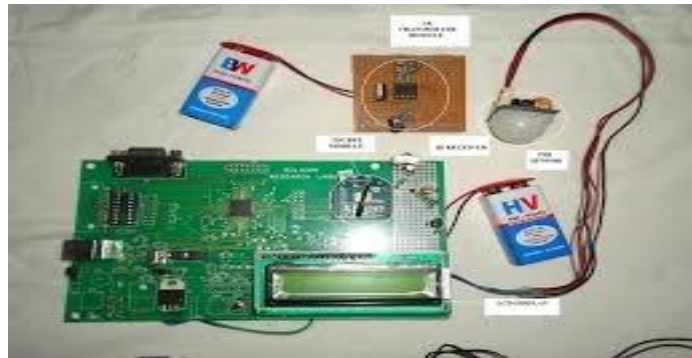
Guest lectures by eminent Academicians and Industrialists are arranged to create awareness and interest among the students and faculty members to carry out research and make them aware of various funding agencies and methods of applying for funding projects.

As a part of Research and Development, Digital Library is equipped with various National and International Journals along with a subscription of DELNET, JGATE etc.

With the knowledge and the awareness created by the Research and Development cell, students and faculty members are developing and designing various real time projects which are useful for various applications related to the institution and the society. Following are the few sample Project prototypes:

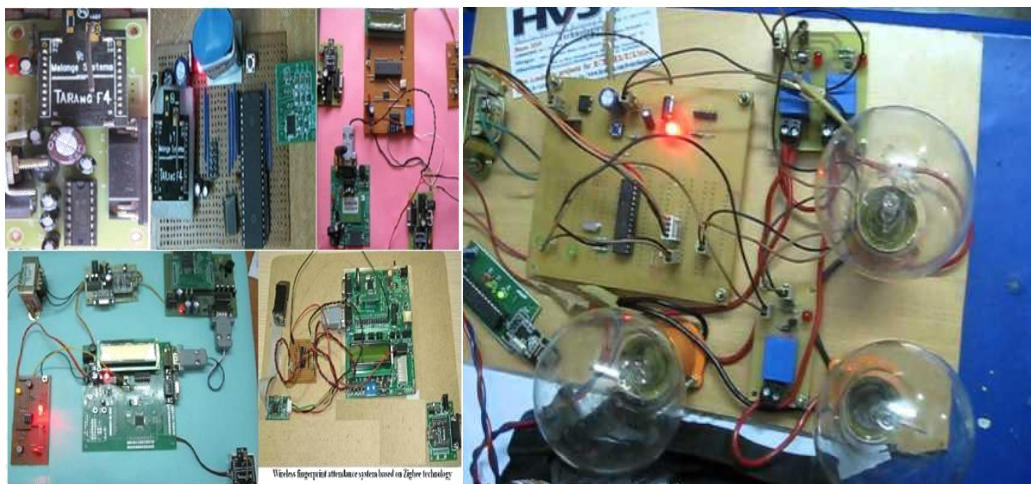
1. PIR BASED POWER SAVING SYSTEM

The main aim of this project is automatic detection of human and Power saving room architecture to reduce standby power consumption and to make the room easily controllable with a PIR sensor for the control of home appliances. To realize the proposed room architecture, we proposed a low-cost, low-power design. The proposed auto detection of human is done using the PIR sensor to indicate the entering or exit of the persons. Microcontroller continuously monitors the infrared receiver. When any object passes through the PIR receiver then the IR rays falling on the receiver are obstructed, this obstruction is sensed by the microcontroller (AT89s52) also PIR sensor will check the presence of human beings with the help of radiations emitted by human beings. Then microcontroller will check the input coming from these two sensors and automatically switches ON the fans when a person comes under the fan. And if nobody is present near the fan the microcontroller automatically switches OFF the fan. This project is put to use in the Department.



POWER MANAGEMENT SYSTEM IN HOSTELS USING PC, ZIGBEE AND GSM

This project is designed as an efficient power management system using personal computer, ZIGBEE and GSM. The ZIG-BEE identifies the location of error and the GSM is used to send the Error Report in the form of Messages and alter the customer.



STUDENT MARKS ANALYSIS SYSTEM

This project is aimed to facilitate the evaluation of student's performance in all the examinations throughout their course. It enables to get clear reports pertaining to the students in their academics.

Sl. No.	Subject	Grade	Percentage	Grade	Grade	Grade
1	Mathematics	B	65	65	2	RED FEB 2013
2	Physics	B	65	65	2	RED FEB 2013
3	Chemistry	B	65	65	2	RED FEB 2013
4	English	B	65	65	2	RED FEB 2013
5	Computer Science	B	65	65	2	RED FEB 2013
6	Mathematics	B	65	65	2	RED FEB 2013
7	Physics	B	65	65	2	RED FEB 2013
8	Chemistry	B	65	65	2	RED FEB 2013
9	English	B	65	65	2	RED FEB 2013
10	Computer Science	B	65	65	2	RED FEB 2013

3.1.5 Give details of the faculty involvement in active Research (Guiding student Research, leading Research Projects, engaged in individual/collaborative Research activity, etc.)

- Members of Faculty are actively involved in guiding students in their In-House projects. The In-House Projects developed by the students are useful in automating various simple and complex application of the college as well.
- As a part of the Research Activity various Research Articles and papers are published in reputed National and International Scopus Journals. With the wide support of the Management and Research Centre from each department, various Faculty members are attending National & International conferences and work Shops in India and Abroad.
- With the encouragement and motivational incentives provided by the college, a considerable number of faculty members are able to carry out their Research and obtaining Ph. D degrees. b) No. of faculty acquired higher qualifications
- No. of faculty awarded Ph.D: 15
- No. of faculty submitted thesis for being awarded PhD: 1

Table 3.2 Faculty Registered for Ph. D Programme

S.NO	Name of the Faculty	Department , Specialization	Guide Name and University	Status
1	Mr.A.Veera Raghava Rao	CSE,Cloud Computing, ANU Guntur	Dr. R. Siva Ram Prasad, ANU,Guntur	Completed Pre Ph.D
2.	Mr. C.N.S Vinoth Kumar	CSE, Wireless Sensor Networks, Annamalai University	Dr. A.Suhasini, Annamalai University	Completed Pre Ph.D
3	Mrs. A.Suneetha	CSE, Image Processing,ANU, Guntur	Dr.A.Sri Krishna, Head, Department of IT, RVR & JC College of Engineering,	Completed Pre Ph.D
4.	Mr. G.Dileep Kumar	CSE, Collaborative Networking, Bharathiar University	Dr.R. Praveen Sam, G.Pull Reddy Engineering College, Kurnool	Completed Pre Ph.D
5	Mrs. B.Bhavani	CSE, Big Data, JJTU,Rajasthan	Recently Registered, Guide not allotted	In-Progress
6	Mr.M.Suresh	NA	NA, Vel Tech Dr.R.R.&Dr.S.R.Technocal University	In-Progress

7	Mrs.MLSNS.Lakshmi	ECE,Notch Band Antennas, KLU	Dr.Habibulla Khan, Department of ECE, KLU	In-Progress
8	Mr.K.Muralikrishna	ECE,Signal Processing , KLU	Dr.Md.Ziaur rehman, Department of ECE, KLU	In-Progress
9	Mr.N.Murali Krishna	ECE, Image Processing, JUTU, Hyderabad	JNTU, Hyderabad	In-Progress
10	Mrs.P.Sarala	ECE, Wireless Communication and Networking, JNTUK, Kakinada	Dr. M. Sailaja, Department of ECE, JNTUK, Kakinada	In-Progress
11	Mr.S.Tirumala Devi	ECE, Image Processing, JNTUK, Kakinada	Dr. K.Veera Swamy, Department of ECE, JNTUK, Kakinada	In-Progress
12	Mr.K.Raju	ECE, Image Processing, Andhra University, Vizag,	Dr. Y.Srinivasa Rao, Department of Instrument Technology, Andhra University, Vizag	In-Progress
13	Mr. K.Madhusudhan Rao	ECE, WideBand Antennas, ANU, Guntur	Dr.M.V.S. Prasad, Department of ECE, RVR & JC College of Engineering, Guntur	In-Progress
14	Mr. G.Malyadri	ECE, Image Processing, JNTU, Anathapuram	Dr. K.Stanley Stephen Charles, Departemtn of ECE, JNTU, Anathapuram	In-Progress
15	Mr. M.Basaveswara Rao	Mechanical, Energy Systems, JNTU,Hyderabad	K.V.Sharma JNTU,Hyderabad	In-Progress
16	Mr. Mansoor Ahmed	Mechanical, Refrigeration and Air Conditioning, JNTUA, Anathapur	Dr. S.Jameel Basha, Departement of Mechanical Engineering, JNTUA, Anathapur	In-Progress
17	Mrs. Ch.B.Annapurna Devi	S&H, Glass Science, KL University, Guntur	A.Srinivasa Rao, Department of Physics, Delhi Technological University, Delhi	In-Progress
18	Mr.M.V.Ramanajaneyulu	S&H, Graph	Prof.P.L.N.Varma, Vignan	In-Progress

		Theory, ANU, Guntur	University, Vadlamudi, Guntur	
19	Mr. Y. Ramu	S&H, Indian English literature, ANU, Guntur	Prof. M.V. Raghu Ram, Head, Department of S&H, VVIT, Guntur	In-Progress
20	Mr. Y. Rajesh Babu	EEE Power Systems, JNTU, Kakinada	Dr. R. Srinivasa Rao, Department of EEE, JNTU, Kakinada	In-Progress
21	Mr. V. Ch. Purna Chandra Rao	MBA, Finance ANU, Guntur	Dr. R. Jaya Prakash Reddy, ANU, Guntur	Submitted
22	Mr. G. Mahesh	Marketing, ANU, Guntur	Prof. T. Srinivas, Yogi Vemana University, Kadapa.	In-Progress
23	Mr. M. Amarendra	NIIT, Nagpur, India	Dr. M. A. Chaudhari, NIIT, Nagpur, Dept. of Electrical Engineering	In-Progress
24	Mrs. S. Ragini	MBA, Finance, Andhra University	Dr. P. Viswanadh, Andhra University	In-Progress
25	Mrs. J. Sowjanya	ME, ANU, Guntur	Dr. M. Gopi Krishna, ANU College of Engineering	In-Progress
26	Mr. J. V. Suresh Babu	CIVIL, Structural Engineering, JNTUH, Hyderabad	Dr. M. Potha Raju, Registrar, Gitam University	In-Progress
27	Mrs. R. Santhikala	CIVIL, Structural Engineering, ANU, Guntur	Dr. T. V. Varalakshmi, Head, Dept. of CIVIL, ANU, Guntur	In-Progress

The following staff members are guiding research scholars :

1. Dr. M. Siva Ganga Prasad, Head Department of ECE has been guiding 3 research scholars of K.L. University, Guntur.
2. Dr. Ur Rahman, Professor Department of ECE has been guiding 8 research scholars of K.L. University, Guntur.
3. Dr. G. Murali, Professor Department of CSE has been guiding 8 research scholars of Acharya Nagarjuna University, Guntur.

C) Faculty undertaken Research Projects: Faculty members are guiding the students in their Research Projects.

Table 3.3 Faculty/Students undertaken In- House Research Projects

S.NO	Title of the Project	Name of the Faculty involved	Status
1	Lab–Log Monitoring and Assistance System	Mrs. Ch.Jhansi Rani	Completed
2	KITS App	Mr.A.V.Raghava Rao	Completed
3.	Inventory Management and Maintenance System	Mrs.D.Jhansi Rani	Completed
4	KITS Office Automation System	Dr.M.S.S.Sai	Completed
5	Student Attendance Monitoring system with RFID Tags	Mrs.Ch.Aruna	Completed
6.	Secure Travel Identity for Management Authorities	Mr.K.Sri Raman	Completed
7	Office Management and Monitoring System	Dr.M.S.S.Sai	Completed
8	Online Seconds Goods Portal “PRONTO”	Mr.A.V.Raghava Rao	Completed
9	KITS- Students Marks Analysis System	Mr.D.Chandra Sekhar	Completed
10	Automatic Power Saver With Integrated Attendance Recorder	Mr.E.V.Narayana	Completed
11	GSM Based Digital Notice Board	Ms.B.Pradepti	Completed
12	Street Light That Glow On Detecting Vehicle Movement	Mrs.K.V.Venetha	Completed
13	Multi Sensor Strategies To Assist Blind People	Ms.M.Aruna	Completed
14	Water Level Sensing System	Mr. M.Srinivas	Completed
15	Modeling and simulation of single -phase five level Inverter fed from renewable energy sources	Mr.K. Sarath Bhushan	Completed
16	Hysteresis band current and fuzzy logic control for active power filter	Mr.Y.Rajesh Babu	Completed
17	Design and simulation of speed controller using ac dc buck -boost converter for dc motor drive with soft starter	Mr.K.Ravi Kumar	Completed
18	A closed loop control of 4-switches and 6-switches converters fed BLDC motor.	Mr.K. Sarath Bhushan	Completed
19	Power quality improvement using shunt active power filter.	Mr.Y.Rajesh Babu	Completed
20	5-level chb inverter as DSTATCOM for compensation of power quality issues	Mr.Y.Rajesh Babu	Completed
21	An experimental investigation of hybrid home ac using r-134a refrigerant	Mr.M.M.Ahmed	Completed
22	Experimental heat transfer analysis of air gap in twin	Mrs.J.Sowjanaya	Completed

	tube shock absorber		
23	An experimental analysis and performance testing of capillary tube and thermo static expansion valve using R-134a refrigerant	Mr.J.Koteswara Rao	Completed
24	Fabrication and analysis of jute, hemp and banana fiber hybrid composites	Mr.P.Ashok	Completed
25	Heat transfer analysis on rectangle and trapezoidal fins	Mr.M.V.V Prasad	Completed
26	Experimental setup of solar E-bike	Prof. M.Basaveswara Rao	Completed
27	Study of mechanical properties and micro structure on friction stir welding aluminum alloy	Mr.B.Kiran Kumar	Completed
28	Design ,fabrication and analysis of four stroke piston using metal matrix composites	Mr.P.Ashok	Completed
29	Strength of ternary blended cement sandcrete containing coconut husk ash & plantain leaf ash	Mr.A.Suri Babu	Completed
30	Experimental studies on stabilization of expansive soil with egg shell powder and quarry dust	Mr.N.Madhu	Completed
31	Partial replacement of fine aggregate with waste crushed glass	Dr.M.Ravindra Krishna	Completed
32	E-waste in concrete by replacing coarse aggregate	Mrs.R.Santhikala	Completed
33	Clayey soil stabilization by using waste rubber tyre pieces	Dr.M.Ravindra Krishna	Completed
34	Effect of Size of Aggregate on Concrete with Admixtures	Ms.K.,Sireesha	Completed
35	Partial Replacement of Cement with GGBS and Metakaolin	Dr.M.Ravindra Krishna	Completed
36	Potential Application of Bacteria to Increase the Strength of Cement Concrete	Mrs.R.Santhikala	Completed
37	Assessment of AMARAVATHI by Using Remote Sensing and GIS	Mr. A.Venkatesh	Completed
38	Flexible Pavement by Using Melted Plastic Waste and Stabilization of Sub-Grade	Mr.N.Madhu	Completed
39	Library Management System	Mr.P.Kiran Kumar	Completed
40	Automation of Loan Processing and Email Alerts	Dr.Ch.Aruna	Completed

41	Student Enrollment System	Ms.D.Sudeepthi	Completed
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3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of Research and imbuing Research culture among the staff and students.

To instill the Research Culture and to guide the students and faculties, the institute organizes various interdisciplinary and departmental wise workshops, Training programmes and seminars.

Table 3.4 No. of Workshops/Training Programmes/Sensitization Programmes conducted/organized by the Institution

S. NO.	Programme	Resource Person	Department and Venue	Date
1	Two Day National Level Work Shop PCB Design of Electronics Circuit	Mr. M.M.Anand Kumar	ECE, KITS, Guntur	22 nd and 23 rd July,2013
2	Life Skills and Leadership Work Shop	Lead India National Club	CSE, KITS, Guntur	22-23 September,2013
3	Two Day Work Shop on Computational Biology	DST & UGC, Ministry of Science and Technology, Govt. of India	CSE, KITS, Guntur	4 th and 5 th July, 2014
4	One-day National Seminar on Problems Related to Infrastructure Geotechnics	Dr. T.G. Sitharam, Professor, Dept. of Civil, Indian Institute of Sciences, Bangalore and Dr.Sireesh, Department of Civil, IIT, Hyderabad	CIVIL, KITS, Guntur	23 rd August, 2014
5	Finite Element methods and its Applications Work Shop	Dr.A.Gopala Krishna and Dr.Banagaru Babu	Mechanical, KITS, Guntur	24 th September, 2014
6	One week Training Programme on PLC/SCADA	AGIIT Team Coimbatore,	EEE,KITS,Guntur	10 th to 16 th February,2015
7	Five Days Work Shop on VLSI Design	Mr. Vinod Raju	ECE,KITS, Guntur	11 th to 15 th February,2015
8	3 days work Shop on Embedded Systems	Mr.Kranthi Kumar, Managing Director, Que Technologies, Vijayawada	ECE,KITS, Guntur	21 st to 23 rd September, 2015

Self Study Report

9	One day Workshop on Construction Practices	Mr. D.Sriknath	Civil, KITS, Guntur	31 st October, 2015
10	NodeJS & MongoDB Work Shop	Mr.J.Raja Sekhar	CSE, KKR & KSR Institute of Technology and Sciences	12-18, December,2015
11	One week MATLAB/SIMULINK work shop	Mr.Anand kumar & Mr.Deepak, Trainees, NEC, Vijayawada	EEE,KITS,Guntur	18 th to 23 rd Jan,2016
12	One day work shop on The Era of Engineering	Ms. Divya Roopa, Dream Allusions,Vijayawada	S&H, Department, KITS, Guntur	4 th February, 2016
13	One week workshop on PLC & SCADA	Mr.A.Arun Balaji & Mr.M.Ashok, Trainees, AGIIT, Coimbatore	Departement of EEE, KITS, Guntur	8 th Feb 2016 to 13 th Feb 2016
14	A guest Lecture on Engineering Basics	Dr.P.Gopala Krishna Murthy, Scientist, DRDO, Cochin	S&H Department, KITS, Guntur	27 th February, 2016
15	A Two Days work shop on Mind Mapping	Prof. M.Rama Rao, RVR & JC College of Engineering, Guntur	S&H Department, KITS, Guntur	1 st and 3 rd March,2016
16	Work shop on PCB design	Mr.Kranthi Kumar, Managing Director, Que Technologies, Vijayawada	Dept. of ECE, KITS,Guntur	3 rd to 5 th March 2016
17	Faculty Development Programme	Mr.Suresh From Infosys	CSE & ECE Department , KITS, Guntur	5 th March 2016
18	Faculty Development Programme	Prof.KVSG Murali Krishna, JNTUK,Kakinada	All departments ,KITS,Guntur	12 th April,2016
19	A Two Day Workshop on Internet of Things and its smart devices using Raspberry Pi	Dr. Ramanarayana reddy,HOD, Dept of CSE,Indira Gandhi Delhi Technological University for Women	CSE Department, KITS, Guntur	11 th Jul, 2016 to 12 th Jul 2016
20	Role of Electronics & Communications in	Mr.D.Trivikram Rao,Manager,HAL,	ECE, KITS, Guntur	16 th July,2016

Self Study Report

	Industry	Bangalore		
21	Faculty Development program on Signal Processing	KITS in Association with INDWELL Automation, Pune	ECE, KITS, Guntur	31 st Oct to 5 th Nov, 2016
22	Guest Lecture on “Personality Development”	Dr. H. Kalyan Rao, NRI Medical College, Mangalagiri	EEE, KITS, Guntur	19 th July, 2016
23	One day workshop on Bigdata Analytics	Dr.S.Jyothi, HOD, Dept of CSE, Sri Padmavathi Mahila Viswavidyalam	CSE Department, KITS, Guntur	20 th July 2016
24	Seminar on “Automation and Robotics”	Mr. V. Madhukar, Prolific Systems and Technologies PVT Ltd	EEE, KITS, Guntur	28 th July 2016
25	Industrial visit to Transformers Manufacturing Industry	Vigneswara Electricals and Transformers, Guntur	EEE, KITS, Guntur	29 th July 2016
26	Control System Design Using MATLAB	Dr.J.Ravi Kumar, Asst.Prof, Dept.Of ECE, NITW	ECE, KITS, Guntur	20 th and 30 th July 2016
27	A Two day workshop on Life Skills and Leadership	Mr.K.Prabhakar, Associate Vice President –Data & Analytics. Mr.Sudhakar, Lead India Trainer Mr.yatendra , , Lead India Trainer Mr. Krishna Kanth, , Lead India Trainer Mr. Omaji, , Lead India Trainer Mr. Syed Rafi, , Lead India Trainer	CSE Department, KITS, Guntur	30 th Jul 2016 to 31 st Jul 2016
28	A One Day workshop on Bigdata Analytics	Dr.R.B.V.Subramanyam, NIT Warangal	CSE Department, KITS,	5 th Aug 2016

Self Study Report

			Guntur	
29	Guest Lecture on "Wind Energy Systems"	Dr. Y. S. Kishore Babu, JNTUK, Narasaraopet	EEE, KITS, Guntur	6 th Aug,2016
30	Work shop on Future Of Making Things	MD.Sharif ICTACT, Chennai	ME Department, KITS, Guntur	2 nd Sep, 2016 & 20 th OCT,2016
31	Three Days workshop on Bigdata Analytics and its applications using Hadoop Platform	Mr. G.Sikanth, TCS	CSE Department, KITS, Guntur	9 th Sep 2016 to 11 th Sep 2016
32	Guest Lecture	Dr. V. Sathyanarayana, Principal, St. Mary's women's Engineering College	MBA, KITS, Guntur	14 th Sep.2016
33	Seminar on "Environmental Engineering"	Mr. N. V. R. K. Prasad	CIVIL, KITS, Guntur	15 th Sep,2016
34	Guest Lecture	Nayani Gopi, Zonal Manager, APUAE	MBA, KITS, Guntur	16 th Sep,2016
35	Introduction to Robotics	Dr.J.Ravi Kumar,Asst.Prof, Dept.Of ECE,NITW	ECE,KITS, Guntur	16 th and 17 th Sep,2016
36	Workshop on "PLC"	Mr. Harish, Mr. Arun Balaji, AGIIT, Chennai	EEE, KITS, Guntur	26 th Sep to Oct 31 st ,2016
37	Training program on Android	APSSDC,Govt. Of AP	CSE Department, KITS, Guntur	3 rd week of september
38	One week workshop on PLC	Mr Harish & Mr.Arun Balaji,, AGIIT, CHENNAI	Departement of EEE, KITS, Guntur	26 th September to 1 st October,2016
39	CSI Student Chapter Inauguration	Dr. P.Trimurthy, professor, former president, CSI Mr. Kanchibhotla Raju, Vice President , CSI	CSE Department, KITS, Guntur	28 th Sep 2016

Self Study Report

		Mr. P.Krishna Prasad, Student coordinator, CSI		
40	Guest Lecture	Prof. I. Venkat, University of Southern Illinois	MBA, KITS, Guntur	4 th Oct,2016
41	Industrial Visit	Dr. NTTR VIPS	EEE, KITS, Guntur	116 th Oct,2016
42	Real Time Project	Team from Next Gen Corporation Mr. Subhash Mr. Rishi RatanTeja, Mr. N. Swaroop, Ms. V. Mounica, , Ms. K. Gayatri, Ms. M.Suneetha,.	CSE Department, KITS, Guntur	3 rd Oct 2016 to 20 th Oct 2016
43	Faculty Development program on Security and Privacy	Dr.Rashmi Ranjan Rout Asst professor, NIT Warangal, I.N.Murty, Bangalore, T. Ramakrishnudu, Asst.Prof NIT Warangal, Dr. S. Ravichandra, NIT Warangal, Dr. Ch Sudhakar, NIT Warangal, Dr. D.V.L.N. Somayajulu, NIT Warangal	CSE Department in association with NIT Warangal	15 th Oct 2016 to 20 th Oct 2016
44	A Two day Workshop on AP Cloud MEAN Stack and Cloud Developer.	Miracle S/W Systems	CSE Department, KITS, Guntur	21 st Oct 2016 to 22 nd Oct 2016
45	Faculty Development program on Recent Trends in Signal Processing	In association with NIT, Warangal	ECE Department, KITS, Guntur	31 st Oct 2016 to 05 th Nov 2016
46	International Conference on “Knowledge Information Technology and Sciences (ICKITS - 2016)”	KITS In association with IRAJ	KITS, Guntur	11 th & 12 th November, 2016
47	Faculty Development Program on “Industrial	KITS in Association with INDWELL, Pune	EEE, KITS, Guntur	7 th -9 th November, 2016

	Automation & Research opportunities”			
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- Dr. T.G. Sitharam, Professor, Department of Civil, Indian Institute of Sciences, Bangalore and Dr. Sireesh, Professor, Department of Civil, IIT, Hyderabad conducted a Training Programme on Research Methodology to the Faculty members with an indication how to promote the Research activities
- Dr. K.V. Ramana, BOS Chairman, Department of CSE, JNTUK, and Kakinada conducted Training Programme and Guest Lecture on Research Methodology.
- Dr.P.Bangaru Babu, Professor, Department of Mechanical, NIT, Warangal, Telangana, mentored as a Resource person for the Training Programme organized on Research Methodology.

3.1.7 Provide details of prioritized Research areas and the expertise available with the institution.

- Qualified and Experienced faculty members are existing in each department with various Specializations. To promote the Research Activity, with the support of the Expertise, different Faculty members and students are actively participating in various conferences or work shops or Training Programmes.
- Different Interdisciplinary Projects were developed to promote the Research attitude among students. The Research Areas and the respective faculty expertise are given in the table below

Table 3.5 Research Areas and Expertise

S.No	Faculty Expertise	Area Of Specialization
1	Dr.P.Babu, Principal	Structural Engineering
2	Dr.M. Ravindra Krishna	Structural Engineering
3	Dr.Bh.Venkateswara Rao	Marketing
4	Dr.M.Siva Ganga prasad	Wireless Communications
5	Dr.Md.Rahaman	Signal Processing
6	Dr.M.Venkata Sudhakar	OFC
7	Dr.SK.Khamuruddeen	VLSI
8	Dr. M.S.S.Sai	Data Mining
9	Dr.Ch.Aruna	Software Engineering
10	Dr.G.Murali	Computer Networks

11	Dr. K.Rama Kotaiah	Metal Cutting
12	Dr. T. Srinivasa Rao	Friction Stir Welding
13	Dr.T.S.S.Sanathi Sri	Chemical Compounds
14	Dr. A.Raghavendra Rao	Physics
15	Prof. K.Madhusudhana Rao	Wide Band Antennas.
16	Prof. T.Srinivasa Rao	Control Systems
17	Prof. Basaveswara Rao	Energy Systems
18	Prof.R.Ramesh	Computer Networks
19	Amarendra Matsa	Power electronics
22	Mr.G.Dileep Kumar	Computer Networks

3.1.8 Enumerate the efforts of the institution in attracting Researchers of eminence to visit the campus and interact with teachers and students?

To promote students and Faculty members of various departments towards Research and to improve various logical, technical, personal and professional skills, the Institution is conducting various Guest classes, seminars, and Interaction sessions by various eminent Resource persons from Industry or Institution.

Table 3.6 Details of eminent Researchers/resource persons visited the college during last five years

SNO	Name of the Resource Person and Organization	Dates
1	Mr. Charan Deep Patnaik, Head, Operations , National College, Ireland	22 nd February, 2013
2	Mr.M.M.Anand Kumar, Director of IGS	22 nd and 23 rd July,2013
3	Prof. Viswanatham, Dean Osmania University	22 nd September,2013
4	Mr.P.Prabhakar, Sr.Director of Business Intelligene Governance & profiles at S&P Capital IQ, Hyderabad	22 nd and 23 rd September,2013
5	Mr.Naresh, Psychologist, Lead India Master Trainer	22 nd and 23 rd September,2013
6	Mr.Syed Rafi, Sales Trainer and Motivational Speaker at Ascent Training & Consultancy Services, Hyderabad	23 rd September,2013
7	Mr.Krishna Kanth, Software Quality Analyst, S&P Capital	22 nd and 23 rd September,2013

	IQ, Hyderabad	
8	Mr. Yatendra, Senior Research Analyst, S&P Capital IQ, Hyderabad	23 rd September, 2013
9	Mr. J. Humla, Lead India Master Trainer & motivator	22 nd and 23 rd September, 2013
10	Mr. Shasikanth, Lead India Master Trainer and Motivator	22 nd and 23 rd September, 2013
11	Dr. K.R.S. Samba Siva Rao, ANU, Guntur	4 th and 5 th July, 2014
12	Dr. Alok Srivastav, Professor, HCU	4 th and 5 th July, 2014
13	Dr. M. Suresh, Professor, Dept. of CSE, GVIT Bhimavaram	4 th and 5 th July, 2014
14	Dr. M.R. Narasinga Rao, Professor, Dept. Of CSE, KLU , Guntur	4 th and 5 th July, 2014
15	Dr. K. Kartheeka Pavani, Professor, Dept of CSE, RVR & JC COE	4 th and 5 th July, 2014
16	Dr. S. Vidhyadara, Principal, CHIPS, Guntur	5 th July, 2014
17	Dr. T.G. Sitharam, Professor in Civil Engineering, Indian Institute of Sciences (IISC) Bangalore	23 rd August, 2014
18	Dr. K.S. Rama Krishna, Chairman-Deep Foundations Institute of India & Independent Senior Geotechnical Consultant, Chennai	23 rd August, 2014
19	Dr. S. Sireesh Assoc. Professor, Dept. of Civil Engg IIT Hyderabad	23 rd August, 2014
20	Mr. Bhaskar and Mr. Mohan, Swetcha Team, Hyderabad	25 th and 26 th August 2014
21	Mr. A. Gopla Krishna, JNTU, Kakinada	24 th Sep, 2014
22	Prof. P. Bangaru Babu, Prof, Dept of Mechanical, NIT, Warangal	24 th Sep, 2014
23	Mr. Jagadeesh Chandra Bose	11 th Feb to 15 th Feb, 2015
24	Mr. Narra Suresh, Manager Infosys	5 th March, 2015
25	Mr. D. Srikanth, BSCPL, Hyderabad	31 st October, 2015
26		12 th December, 2015

	N.Vamsi Kiran, Managing Director, E-Curves, Hyderabad	
27	Mr.Raja Sekhar,Member, NodeJS & MongoDB	12 th to 18 th Dec,2015
28	Mr.Anand kumar & Mr.Deepak, Trainees, NEC, Vijayawada	18 th January 2016 to 23 rd January 2016
29	Ms. Divya Roopa, Dream Allusions,Vijayawada	4 th February, 2016
30	Mr.A.Arun Kumar & Mr.M.Ashok Balaji,Trainees, AGIIT, Coimbatore	8 th February 2016 to 12 th February 2016
31	Dr.P.Gopala Krishna Murthy, Scientist, DRDO, Cochin	27 th February, 2016
32	Prof. M.Rama Rao, RVR & JC College of Engineering, Guntur	1 st and 3 rd March,2016
33	Mr. Kranthi Kumar, Managing Director, Que Technologies, Vijayawada	21 st to 23 rd September, 2015 and 3 rd to 5 th March, 2016
34	Dr. S Ramanarayana Reddy, HOD of Dept. of CSE, Indira Gandhi Delhi Tech. University for Women.	11 th July, 2016
35	Mr. Kalyan, Working in Microsoft Cloud Computing SOS	13 th July 2016
36	Mr. D. Trivikram Rao, Manager, HAL, Bangalore	16/7/16
37	Dr.H.Kalyan Rao,NRI Medical college,Mangalagiri	19 th July,2016
38	Dr. S. Jyothi, HOD of Computer Science, Sri Padmavathi Mahila Viswa Vidyalayam.	20 th July 2016
39	Mr. V.Madhukar, Prolific systems and Technologies Pvt Ltd	28 th July ,2016
40	Dr. J. Ravi Kumar, Asst. Prof, Dept. Of ECE, NITW	29/07/2016 – 30/07/2016
41	Mr. K. Prabhakar, Associate Vice President –Data & Analytics, Mr.Sudhakar, Lead India Team Leader Mr.yatendra, Senior Reasearch Analyst, Mr. Krishna Kanth Software Quality Analyst, Mr. Omaji, Mr. Syed rafi, Sales Trainer & Motivational Speaker.	30 th July 2016, 31 st July 2016
42	Dr. R. B V Subramanyam, NIT Warangal	5 th Aug 2016
43	Dr.Y.S.Kishore Babu, JNTUK,Narsaraopet	6 th August ,2016
44	MD.SHARIF ICTACT, Chennai	2 nd Sep, 2016 & 20 th OCT,2016

45	Mr. G.Srikanth TCS, Chennai	9 th Sep 2016 to 11 th Sep 2016
46	Dr. V. Sathyanarayana, Principal, St. Mary's Women's Engineering College	14 th Sep,2016
47	Mr. N. V. R. K. Prasad, SE Public Health Dept.	15 th Sep,2016
48	Mr. Nayani Gopi, Zonal Manager, APUAE	16 th Sep, 2016
49	Sri. S. Ramesh, Regional Manager, APUAE	16 th Sep,2016
50	Dr. J. Ravi Kumar, Asst. Prof, Dept. Of ECE, NITW	16 th and 17 th Sep,2016
51	Dr. P.Trimurthy, Professor, former president, CSI Mr. Kanchibhotla Raju, Vice President ,CSI Mr. P.Krishna Prasad, Student coordinator, CSI	28 th Sep 2016
52	Team from Next Gen Corporation Mr. Subhash (Software engineer, Tech Lead), Mr. Rishi RatanTeja, Software Enginner, Mr. N. Swaroop, Bussiness Analyst, Ms. V. Mounica, Software Engineer, Ms. K. Gayatri, Software Enginner, Ms. M.Suneetha, Software Enginner.	3 rd Oct 2016 to 20 th Oct 2016
53	Dr.Rashmi Ranjan Rout, Assistant professor, Dept. of CSE, NIT Warangal	15 th Oct 2016 to 20 th Oct 2016
54	Mr. I.N.Murty, CEO of Leva Solutions, Bangalore	17 th Oct 2016
55	Dr. T. Ramakrishnu, Assistant Professor ,NIT Warangal	17 th Oct 2016
56	Dr. S. Ravichandra, Assoc. Professor, NIT Warangal	18 th and 19 th Oct 2016
57	Dr. Ch Sudhakar,Assistant Professor, NIT Warangal,	18 th Oct 2016
58	Dr. D.V.L.N. Somayajulu, CSE Dept. NIT Warangal	20 th Oct 2016

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for Research activities? How has the provision contributed to improve the quality of Research and imbibe Research culture on the campus?

So far, about 1% of the faculty members have utilized sabbatical/Study/academic leave for their Research activities. Other Special Casual Leaves and Study Leaves were sanctioned to the deserved faculty members.

The Institution is supporting the Research Faculty members by providing Special permissions to those who require attending courses in their respective universities and to meet the Research Supervisors. Some of the faculty members have been deputed to pursue their Ph.D at reputed Universities/ NITs to promote high level Research in the Institute.

The following members are deputed on Sabbatical/Study/Academic leave

- Mr. M.Amarendra from EEE department is utilizing leave to do his Ph.D work at VNIT/ Nagpur

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness /advocating/transfer of relative findings of Research of the institution and elsewhere to students and community (lab to land)

- Students are being encouraged to participate in various technological programmes, Contests, conferences, workshops, Training programs to explore their knowledge.
- Registration fee is paid by the college to the faculty and students for their participation and presentation of Research papers at National and International conferences in India and Abroad.
- To promote Research activity among students and Faculty members various Research Journals are subscribed and accessibility to Digital Library is provided.
- Research Leaves are sanctioned to the faculty members those who need to attend their Research programs, Research sessions.
- To create awareness towards Research various Guest Lectures, Interactive sessions are organized by the Institution with the help of various Industry experts to both students and faculty members.
- As a part of Research many of the Faculty members visited various countries to disseminate their knowledge and Research Work at various conferences, seminars, symposiums.

The following are some of the programmes taken up by the faculty members in various International conferences Abroad

- **Mrs. Ch. Aruna** from CSE Department has attended and presented a Research Paper in the 5th International Conference, Computer Science Education: Innovation & Technology (CSEIT-2014) in **Singapore on 22nd and 23rd September, 2014** Organized by Global Science and Technology Forum (GSTF).
- **Mrs. Ch. Aruna** from CSE Department presented a Research Paper in Canadian International Conference of Science and Technology Organized by Canadian Research Centre for Humanities and Science during **10th -11th June, 2014 at the University of Toronto, Canada.**
- **Mr.A.Veera Raghava Rao** from CSE Department has attended and presented a Research Paper in an International conference (SDF-2105) Association of Scientists Developers and Faculties, Korea Chapter, at Seoul, South Korea from 24th to 28th June, 2015.

➤ **Mrs.Ch.Aruna** from CSE Department has attended and presented a Research Paper in the CSCEET-2015 (The Second International Conference on Computer Science, Computer Engineering And Education Technologies), held In Asia Pacific Technology And Innovations (APU), **Kuala Lumpur, Malaysia On September 8th to 10th, 2015 as a Part Of Congress On Computing, Engineering And 2015**). The Paper Was Published In the Proceedings, SDIWC Digital Library, Also Gate, Academia, Google Scholar.



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Lumpur, Malaysia
The Fourth World
Technology (WCET
Conference
Indexed In Research

Mrs.Chittineni Aruna has attended and presented a Research Paper in an International SEMCMI-2015 (The International Conference On Software Engineering, Mobile Computing And Media Informatics), Which was held In Asia Pacific University Of Technology And Innovations (APU), **Kuala Lumpur, Malaysia On September 8th To 10th, 2015** as a part of the **Fourth World Congress On Computing, Engineering And Technology (WCET 2015)**. The paper was published in **Conference proceedings, SDIWC Digital Library, Academia, And Indexed In Research Gate , EDBI, Google Scholar.**

➤ **Mrs.Chittineni Aruna** from CSE Department has attended and presented a Research Paper in an **International Conference On “Innovative Research In Engineering And Technology” (IRET-16) Scheduled On JAN. 21-22, 2016 at Bangkok (Thailand)** organized by International Association of Engineering & Technology Researchers in association with International Institute of Engineers.

➤ **Mrs.Chittineni Aruna** from CSE Department has attended and presented a Research Paper in an International Conference On Engineering Technologies And Big Data Analytics (**ETBDA’2016**) Organized by **International Institute Of Engineers in Association with International Association Of Engineering & Technology Researchers On 21st And 22nd January, 2015 In Bangkok, Thailand.**

➤ **Mrs.Chittineni Aruna** from CSE Department has attended and presented a Research Paper in an International Symposium of Information and Internet Technology (SYMINTTECH'2016) Organized by Malaysia Technical Scientist Association (MALTESAS) in association with University Malaysia Pahang **From On 26 - 28 January 2016 in Malaysia.**

➤ **Mr.A.Veera Raghava Rao** of CSE Department has received an Acceptance letter from **IEEE** Technically sponsored **SAI conference 2016** going to be conducted in **LONDON** on July 13th to 15th July, 2016 for the paper “ Secure and Reliable Data Storage and retrieval in Cloud Computing through Novel Approach”

➤ **The following are some of the programmes taken up by the faculty members in various International conferences within India**

- **Mr.A.Veera Raghava Rao** from CSE Department has attended and presented a Research Paper in International conference in Haryana from 3rd August to 6th August, 2012.
- **Mrs.Chittineni Aruna** from CSE Department has attended and presented a Research Paper in an International conference organized by **CSI** in association with **Springer International Publishing Switzerland, 2014** held in Vizag during 12th -15th December, 2014.
- **Mrs. Chittineni Aruna** from CSE Department has attended and presented a Research Paper in 6th IRF International Conference held in Chennai, India on 10th May. 2014.
- **Dr.M.S.S.Sai**, CSE Department has attended and presented a Research Paper in an International conference organized by **CSI** in association with **Springer International Publishing Switzerland, 2014** held in Vizag during 12th -15th December, 2014.
- **Mr.A.Veera Raghava Rao** from CSE Department has attended and presented a Research Paper in an International conference on Emerging Research in Computing Information communication and Applications (ERCICA-2015) at Bangalore on 1st and 2nd August 2014.
- **Mrs.Chittineni Aruna** from CSE Department has attended and presented a Research Paper in the Third International conference on Advances in Computing, Communications and Informatics(ICACCI - 2014) Organized by **IEEE Communications Society** during 24th September to 27th Sep,2014 held at Greater Noida, India.
- **Mrs.Chittineni Aruna** from CSE Department has attended and presented a Research Paper in an International Conference on Emerging ICT for Bridging Future Organized by CSI Hyderabad Chapter, in Association with JNTUH & DRDO during 12-14 December, 2014 with **Springer International Switzerland Publications.**
- **Mrs.Chittineni Aruna** from CSE Department has attended and presented a Research Paper in an International Conference on Innovation in Engineering, Science and Technology (ICIEST) organized by IRAJ Research Forum in association with Institute of Research and Journals. held at Chennai on 10th May,2015
- **Mrs. Ch.B.Annapurna Devi** form S&H attended and presented a Research article at an International conference in December 2014, held at Prasanthi Institute of Technology, Puttaparthi.
- **Mrs. Ch.B.Annapurna Devi** form S&H attended and presented a Research article in an International conference in December 2014, held at Acharya Nagarjuna University, Guntur.
- **Mrs.Chittineni Aruna** from CSE Department has attended and presented a Research Paper in 2nd IEEE International conference on Advances in Computing and Communication Engineering (ICACCE-2015) held at Tula's Institute, Dehradun, India during 1-2 May, 2015.
- **Mr.G.Dileep Kumar** from CSE Department has attended and presented a Research Paper in 50th CSI Golden Jubilee Annual Convention on Digital life in 2015.

➤ **Mr. M.Naga Raju** from Department of ECE attended and presented a paper in an International conference Research Trends in Engineering and Technology (RTET) in 2013.

➤ **Mr. A. V. Raghava Rao** from Department of CSE attended and presented a paper in an International Conference ICSTM 2016 on 29th August, 2016 in Malaysia.

1. As a part of the Research the following are the projects done by the students which are in real use.

PIR BASED POWER SAVING SYSTEM is designed for the automatic detection of human movements with the Power saving room architecture to reduce standby power consumption and to make the room easily controllable with a PIR sensor. The proposed auto detection of human is done using the PIR sensor to indicate the entering or exit of the persons. Microcontroller continuously monitors the infrared receiver. Then microcontroller checks the input coming from the two sensors and automatically switches ON the fans when a person comes under the fan. And if nobody is present near the fan the microcontroller automatically switches OFF the fan.

➤ **POWER MANAGEMENT SYSTEM IN HOSTELS USING PC, ZIGBEE AND GSM** is the project developed using personal computer, ZIGBEE and GSM. This project can be implemented in the controlling systems of lights, climates, doors and windows. This project is tested and implemented in the Department Laboratory to manage the Power. With a few modifications, this Technology can be implemented with Consumer electronics to save the power.

➤ **STUDENT MARKS ANALYSIS SYSTEM** This project is aimed to facilitate the evaluation of student's performance in all the examinations throughout their course. It enables to get clear reports pertaining to the students in their academics

➤ **COLLECTOR'S MONTHLY REVENUE REVIEW MANAGEMENT SYSTEM (CRMS)** is developed to collect all the details like – developmental activities under taken at the district, Village Level, the revenue reports on the funds such as who have released the funds and how are they utilized.

➤ **OFFICE AUTOMATION SYSTEM** is the project developed as a part of Research by the Students to Automate the different activities involved in the process of certificate issue in the college. This Project is mainly used to manage and issue various certificates to the students like Transfer Certificate, Bonafide Certificate, Study and Conduct Certificate.

➤ **SECURE TRAVEL IDENTITY FOR TRANSPORT AUTHORITES** is the project developed by the students as a part of Research activity to Integrate different identification Cards with a Single unique Identification Number to avoid the chances of frauds at various places.

➤ **IDENTIFYING ADVERTISING BUSSINESS PATERNS FOR TELEVISION VIEWERS DATA USING DATA ANALYTICS** is a project developed to analyze the information regarding

television viewers' and the popularity of advertisements. The raw data has been collected from DTH providers and the collected data are analytically measured by the Hadoop.

- **MODELING AND SIMULATION OF SINGLE PHASE FIVE LEVEL INVERTER FED FROM RENEWABLE ENERGY SOURCES** The developed project allows the renewable energy sources to deliver the load together or independently depending upon their availability by converting DC voltage generated to AC voltage at 50Hz.
- **HYSTERESIS BAND CURRENT AND FUZZY LOGIC CONTROL FOR ACTIVE POWER FILTER** The main objective of this project is to improve the performance of a shunt active power filter to obtain get sinusoidal source currents with very weak ripples.
- **SWITCHED CONTROL OF THREE-PHASE VOLTAGE SOURCE PWM RECTIFIER UNDER A WIDE-RANGE RAPIDLY VARYING ACTIVE LOAD** is developed to solve the problem of flexible voltage regulating under dynamic loads, is proposed under a cascade structure in rotating synchronous coordinates Several linear controllers are designed on different operating points of the VSR, and one controller is implemented on the VSR system according to certain switching law.
- **STRENGTH OF TERNARY BLENDED CEMENT SANDCREATE CONTAINING COCONUT HUSK ASH & PLANTAIN LEAF ASH** is the project developed to compare the designed compressive strength of concrete.
- **EXPERIMENTAL STUDIES ON STABILIZATION OF EXPANSIVE SOIL WITH EGG SHELL POWDER AND QUARRY DUST** is the project developed to increase the e bearing capacity of Expansive soils, soft soils or waste soils.
- **PARTIAL REPLACEMENT OF FINE AGGREGATE WITH WASTE CRUSHED GLASS IS USED TO TEST THE STRENGTH OF CONCRETE** This project is used to test the strength of the concrete when mixed with waste materials.
- **SENDING SMS THROUGH BLACK SPOT AREA IN AN INNOVATIVE MANNER** project is useful to create a signal and sending SMS from black spots (no GSM signals) Block spot is nothing but an area where we could not find any signal. .
- **AUTOMATION OF IRRIGATION CONTROL SYSTEM USING SENSORS** This project aims to find the exact field condition and to control the wastage of water in the field and to provide exact controlling field by using the drip irrigation, atomizing the agricultural environment by using the components and building the necessary hardware.
- **RF BASED TSUNAMI DETECTION CENTER AND REMOTE ALERT SYSTEM WITH 60DB SIREN** the main aim of this project is to detect the vibration within the deeper layers of the earth with the help of vibration sensors.

➤ **MULTI SENSOR STRATEGIES TO ASSIST BLIND PEOPLE – A CLEAR PATH INDICATOR**

➤ This project helps to identify the obstacles which are around with the help of IR, PIR & ultrasonic Sensors. It effectively senses the people or vehicles around the persons. It uses speech feedback to aware the subject about the obstacle and also gives the information regarding the traffic signal at the junctions using RF technology. This technique is used to protect the Blind People.

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for Research? Give details of major heads of expenditure, financial allocation and actual utilization.

Year	Toatal budget allocated (in Rs.)	Utilized Amount (in Rs.)
2012-2013	100000/-	75000/-
2013-2014	150000/-	85000/-
2014-2015	150000/-	113000/-
2015-2016	150000/-	93000

3.2.2 Is there a provision in the institution to provide seed money to the faculty for Research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

Yes, seed money is provided to the faculty for Research,

- (1) 50% of the publication cost will be offered by the institution.
- (2) Openhanded scholarship is offered at Rs. 33496/- per month for Ph.D student named M.Amarendra, belongs to EEE department
- (3) Provision of e-journals through the digital library -YES. DELNET, J-GATE

3.2.3 What are the financial provisions made available to support student Research projects by students?

- In Mechanical Engineering a sum of Rs.15000/- is allocated for one project of UG students. (the management allows these amounts in its annual budget)
- The students of EEE, CSE and ECE departments finish their UG projects by using the computer lab facilities provided by the institution.

3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary Research? Give examples of successful

endeavors and challenges faced in organizing interdisciplinary Research.

Title	Department	Aim	Advantages
Students Marks Analysis system	Developed by CSE used by the entire college	Result analysis for institutional management	1. With the proposed system better interaction is Project is used to get the clear analysis of each student marks of the whole college database.
Student Information System	CSE in collaboration with EEE	Attendance Analysis	Student attendance is identified with the RFID tags. RFID tags are developed by EEE department. Analysis in the form of reports are generated by CSE department.
Fabrication and testing of solar e-bike	Developed by ME in association with EEE	Replacing of diesel with renewable energy	1. Reduction of the atmosphere pollution interms of smoke and sound 2. Depletion of the Ozone layer can be controlled Low maintenance

3.2.5 How does the institution ensure optimal use of various equipment and Research facilities of the institution by its staff and students?

- Triaxial Test apparatus, CTM and UTM are in use widely for all the soil and concrete Research work by the UG and PhD students.
- College provides following kinds of facilities to the students as well as to the faculty to do Research pertaining to the department of mechanical engineering.
- College provides state of art computer labs provided with latest technologies of software with High-Band width internet facility to the students as well as to the faculty to do Research pertaining to the department of CSE and ECE.





Compressive testing machine

Tri axial test apparatus

CBR test apparatus



LAB-1

LAB-3



Experimental setup of Heat transfer

Metallurgy equipment

ECAD equipment for ECE

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing Research facility? If 'yes' give details.

- Department of Science and Technology in association with UGC has granted a total sum of Rs.100000/- towards the expenditure to hold a conference at KITS titled COMPUTATIONAL BIOLOGY.
- Department of civil Engineering has conducted one day national seminar on “SPRING” in association with Indian Geotechnical society. The latter has granted total amount of Rs.25000/- for holding the conference.

Year	Nature of work	Agency and address	Income generation
From 2013 onwards	Concrete cube testing	From Various private	300 per specimen
	Soil testing report		3500 per each bore hole

	Soil testing report	APSPDCL electricity board	3500/- per each bath
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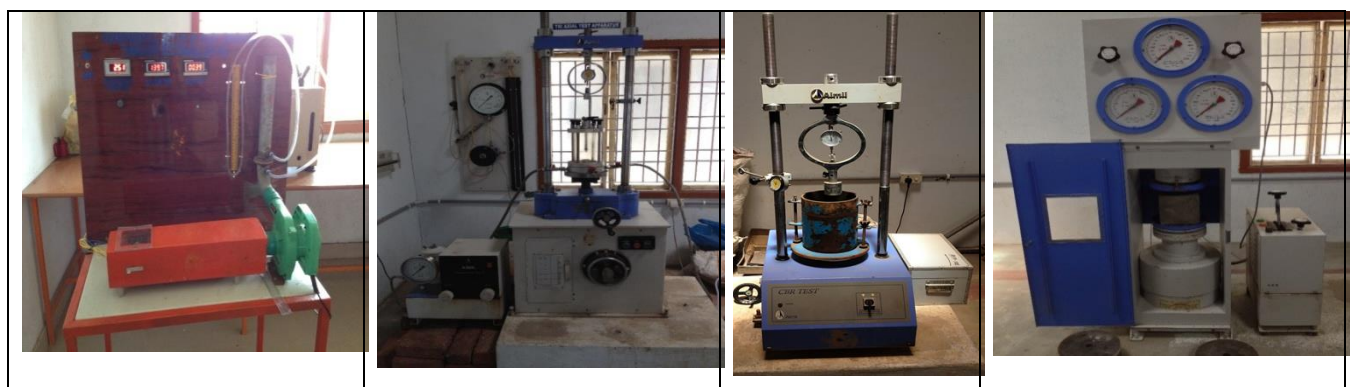
3.2.7 Enumerate the support provided to the faculty in securing Research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.



A funding project is applied for DST with worth of Rs. 46, 64,120 is submitted to early career Research award Science and Engineering, Research Board ,Department of Science and Technology, Government of India, 5 & 5(a) lower ground floor, Vasant square mall, Sector –B, Pocket-5, Vasant Kunj, New Delhi -110070. For the proposed project Dr. Md U.Rahman and Dr. M. Siva Ganga Prasad are supervising the project as Principal investigator and Co-principal Investigator.



3.3 Research Facilities

3.3.1 What are the Research facilities available to the students and Research scholars within the campus?

- College providing computers with high speed internet, and laptops, wifi connection for those who are doing Research. Digital library facility useful for assessing e-journals and e-books for both students and Research scholars.
- College provides following kinds of facilities to do Research for students as well as faculty of the department of mechanical engineering.
- Department of CIVIL engineering provides soil, permeability testing equipment for Research scholars and students.
- As a part of the Research Activity various Research Articles and papers are published in reputed National and International Scopus Journals. As well as with the wide support of Management and Research Centre in each department various Faculty members are attending national& international conferences and workshops in India and Abroad.



	
<p>An Experimental investigation of hybrid Home Air conditioner changing refrigerant</p>	<p>Heat transfer analysis of twin tube suspension system</p>

			
<p>Metallurgy equipment</p>	<p>ECAD Equipment for ECE students</p>		
<p>Experimental setup of Heat transfer through fins</p>	<p>Tri Axial test equipment</p>	<p>CBR test equipment</p>	<p>Compressive testing machine for concrete bricks</p>

➤ The following are the Software Facilities available in research labs at the college :

1. Licensed Software's available for each department for the purpose of R&D:

Department	Licensed Software
Civil Engineering	AUTO CAD, STADD.Pro
Mechanical Engineering	ANSYS , AUTO CADD
Electrical & Electronics Engineering	MAT LAB, PLC, SCADA

Electronics and Communication Engineering	MAT LAB, Mentor graphics, Xilinx ISE, TMS 320C6713DSP processors
Computer Science & Engineering	Microsoft Campus Agreement (Windows –OS, MS-Office Package, Visual Studio 2008 Professional)

2. Open Source Software’s available for each department for the purpose of R&D:

Department	Open Source Software
Civil Engineering	Scilab, GCC
Mechanical Engineering	
Electrical & Electronics Engineering	
Electronics and Communication Engineering	MASM, TASM ,Multi sim,xilinx
Computer Science & Engineering	Open office , LaTeX, GCC, NASM, FASM , JAVA. Boarland, C Oracle

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of Researchers especially in the new and emerging areas of Research?

- The institute is making continuous efforts in upgrading the laboratories to meet the demand of new era in technology.
- The library of the institute is enriched with wide range of books and various national and international journals. E- Journals are also accessible to the Researchers.
- Based upon the new technological requirements research labs are updated with the new software’s and the research equipment.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing Research facilities? what are the instruments / facilities created during the last four years.

- Department of Science and Technology in association with UGC has granted a total sum of Rs.100000/- towards the expenditure to hold a conference at KITS titled COMPUTATIONAL BIOLOGY.
- Department of Civil Engineering has conducted one day national seminar on “SPRING” in association with Indian Geotechnical society. The latter has granted total amount of Rs.25000/- for holding the conference.
- From 2013 onwards the Dept of Civil Engineering is performing various counciltancy works such as Concrete cube testing, Soil testing, for various private and public sectors like Prudhvi Construction,

APSPDCL, etc.

- Department of Mechanical engineering provides a consultancy services for heat treatment Of aluminum alloys using muful furnace.
- Department of Mechanical Engineering is about to procure optical microscope for conducting micro structural studies in the field of materials research. And also planned to provide consultancy on the same.

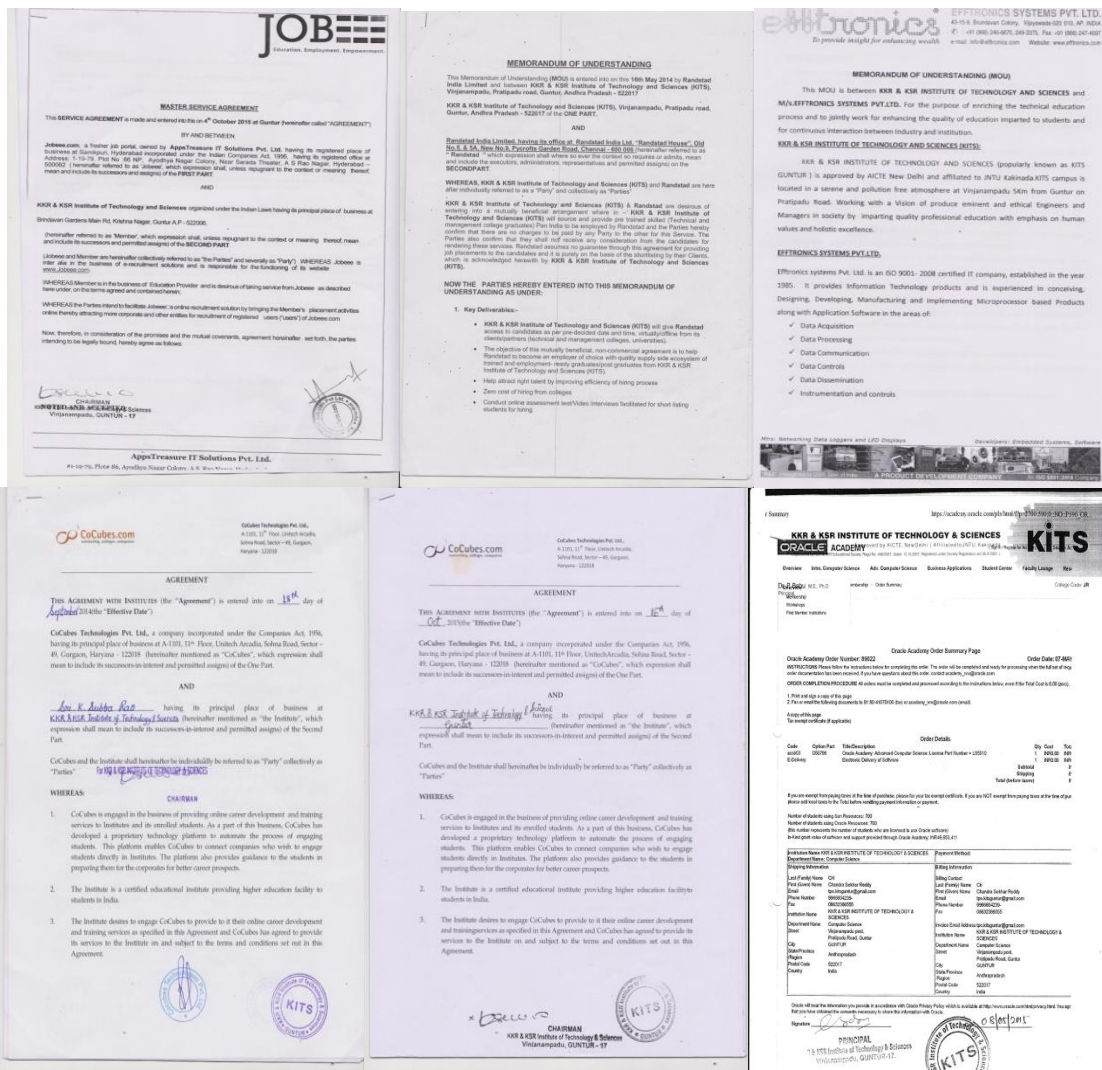
3.3.4 What are the Research facilities made available to the students and Research scholars outside the campus / other Research laboratories?

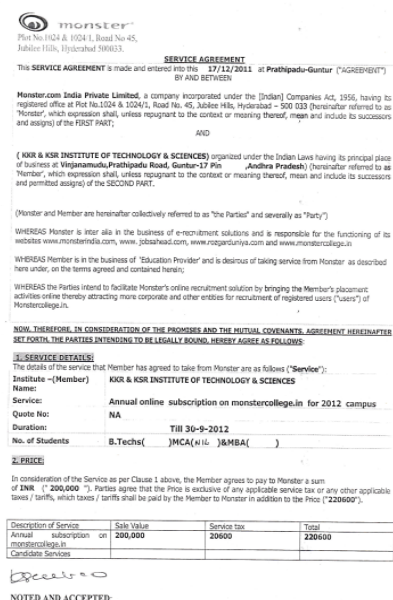
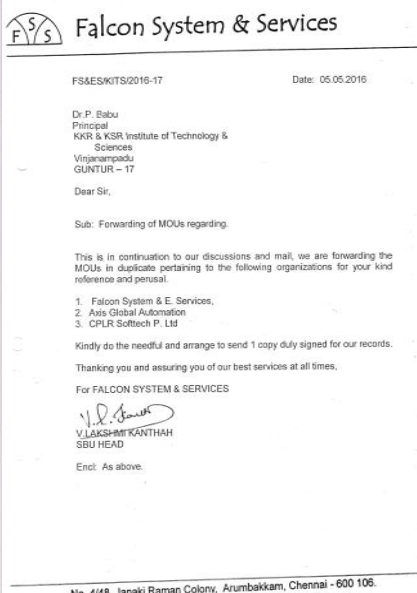
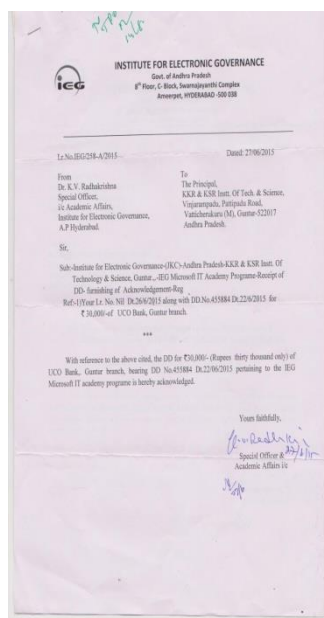
- The college has signed MOUs with industries and other agencies for promoting training, Research and extension activities in technical education.

S.No	Organization	Activity
1	Randstad India Limited	Knowledge sharing, Test evaluation, placements
2	Co-cubes	Knowledge sharing, Test evaluation, placements
3	Efftronics	Campus Connect
4	Institute for electronic governance	Knowledge sharing, Test evaluation, placements
5	Jobeee	Knowledge sharing, Test evaluation, placements
6	Oracle Academy	Campus Connect
7	Falcon System & Services	Knowledge sharing, Test evaluation, Placements, Skill development

Self Study Report

8	Axis Global Automation	Skill development, Knowledge sharing, Test evaluation, Placements
9	CPLR Softtech P.Ltd	Knowledge sharing, Test evaluation, placements
10	Monster.com India Private Limited	Training, Knowledge sharing,
11	TCS.ion	To extend computing infrastructure of the college to TCS ion for the conducting various national level online and off-line tests.





3.3.5 Provide details on the library/ information resource center or any other facilities available specifically for the Researchers?

Library is Automated with bar code system which has the following books for researchers

No. of Titles available	: 3391
Total No. of Volumes	: 20239
No. of Reference Books	: 2053
No. of E-Books	: 200
No. of E-Journals	: DELNET, J-GATE
No. of Print Journals	: 135
No. of Back Volumes	: 652
Project Reports available for reference	: 804
Digital Library contains 16 with multimedia systems with Internet facility	
Library Networks Membership	: DELNET

3.3.6 What are the collaborative Research facilities developed/ created by the Research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.

- In collaboration with CPLR (Centre for Professional Learning and Research) Chennai, Research and Development Centre is initiated.
- TCS IRM Innovation Centre established as a part of R & D
- In association with ICTACT Big Data Analytics innovation centre is started as a part of R & D.

3.4 Research Publications and Awards

3.4.1. a. Highlight the major Research achievements of the staff and students in terms of Patents obtained and filed (process and product) ---NO

3.4.1. b. Original Research contributing to product improvement

➤ Dr. Ch. Aruna, Professor Dept. of CSE has developed “**Metamorphic Automation Testing Framework Tool**” to test Non-Testable programs such as Multiprecision Arithmetic and Graph Theory Applications.

➤ Students developed various in-house projects for the product improvement and implemented in various organizations as well as in KKR & KSR Institution.

Following are the few research achievements of the students done at various colleges.

S.No	Student name	Academic year	Topic	Name of award	Received from
1.	M. Praveen Kumar	2015-16	Project expo	First prize	VVIT, Guntur
2.	T.Sai Pavan Kumar	2013-14	Indo-Us robo league	Second prize	SRM university, Chennai
3.	K. Vengal Rao	2015-16	Project expo	First prize	NRIT, Guntur
4.	N. Vasanth Raju	2013-14	Indo-Us robo league	Second prize	SRM university, Chennai
5.	R. Sai Teja	2013-14	Indo-Us robo league	Second prize	SRM university, Chennai
6.	U. Anantha Sai Kumar	2013-14	Indo-Us robo league	Second prize	SRM university
7.	J.Uday Harsha	2014-15	Advances In Ic Engine	Second Prize	NRIT, Guntur
8.	M.Sowmya Sk.Nageena	2014-15	Nitrogen As Fuel	Second Prize	VVIT, Guntur
9.	Y.N.Srihari Reddy Y.B.N.Gopi	2015-16	Advance Manufacturing Process By 3d Laser Printing	Second Prize	VRSEC, Vijayawada
10.	Ch. Siva	2015-16	Project Expo	First Prize	CIT, Guntur
11.	G. Priyanka	2015-16	Paper Presentation	First Prize	LITAM, Guntur

3.4.2 Does the Institute publish or partner in publication of Research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database? No

3.4.3 Give details of publications by the faculty and students:

- Publication per faculty
- Number of papers published by faculty and students in peer reviewed journals (national / international)
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index SNIP SJR, Impact factor ,h-index

Number of Publications done by the faculty members in each department are as follows:

Name Of The Dept.	Total No. Of PUBLICATIONS/CONFERENCES
EEE	14
ECE	80
CSE	95
MBA	15
CIVIL	3
MECH	21
S & H	14

Details of Publications:

EEE
A.Y 2015-16

S.No	Authors	Complete Title of the article	Name of the Journal	Vol No	Issue No	Page No		ISSN/ISBN No
						From	To	
1	Prof. T. Srinivasa Rao	Closed Loop Speed Control of Single Phase Induction Motor using a Novel Multi level Inverter with reduced Number of Components	International Research Journal of Engineering and Technology	2	5	1095	1100	2395-0072
		Simulation of Three Phase Hybrid Multilevel Inverter Using Switched Capacitor Units Fed Induction Motor Drive	International Journal & Magazine of Engineering, Technology, Management and Research	2	10	567	573	2348-4845
		Power Quality Improvement using Hybrid Power Filter-TCR with Fuzzy logic Control	International Journal & Magazine of Engineering, Technology, Management and Research	2	10	574	580	2348-4845
2	Mr. M. Amarendra	Simplified Space Vector Modulation Techniques for Multilevel Inverters	IEEE Transactions on Power Electronics	31	12	8483	8499	0885-8993
		Synchronous vector control design of multilevel inverters for AC grid applications	TENCON 2015 - 2015 IEEE Region 10 Conference					2159-3442

3	Mr.K.Sarath Bhushan	Reduction of Torque Ripple and Harmonics in BLDC Drive using Multilevel Inverter	International Journal of Advanced Technology & Innovative Research	7	16	3079	3084	2348-2370
		A Single Phase Multilevel Inverter Based Seven-Level Switched Capacitor Fed Induction Motor Drive	International Journal & Magazine of Engineering, Technology, Management and Research	2	11	1022	1029	2348-4845
4	Mr.Y.Rajesh Babu	Power Quality Enhancement using multilevel Shunt Active Power Filter with renewable Energy sources	International Journal of Research in applied Science and Engineering Technology	3	9	282	290	2321-9653
5	Mr.K.Ravi Kumar	Three Phase VSI using SV-PWM Technique for Grid connected PV System	International Journal & Magazine of Engineering, Technology, Management and Research	2	11	6	11	2348-4845
		Incremental Conductance Method based MPPT applied to Novel dc-dc converter for high power applications	International Journal of Advanced Scientific Technologies in Engineering and Management Sciences	1	6	11	15	2454-356X
6	Mr.D.Subba Rao	Power Quality Improvement using Hybrid Power Filter-TCR with Fuzzy logic Control	International Journal & Magazine of Engineering, Technology, Management and Research	2	10	574	580	2348-4845

A.Y. 2014-15

S.No	Authors	Complete Title of the article	Name of the Journal	Vol No	Issue No	Page No		ISSN / ISBN No
						From	To	
1	Prof. T. Srinivasa Rao	Enhancement of Power Quality by Using MC-UPQC	(IJSER)	3	5	8	13	2347-3878
	Mr. M. Amarendra	Optimized Space Vector Pulse-width Modulation Technique for a Five-level Cascaded H-Bridge Inverter	Journal of Power Electronics	14	5	937	945	1598-2092
2	Mr. D. Subba Rao	Enhancement of Power Quality by Using MC-UPQC	(IJSER)	3	5	8	13	2347-3878
		New Inverter Topology for Grid Support and Harmonic Mitigation For Interconnecting Renewable Power Generation Systems		3	11	9279	9283	2319-7242
3	Mr. M. Pratap Naik	Enhancement in Power Quality with Grid Interconnection of Renewable Energy Sources at Distribution Level	International Journal of Engineering Research and Applications	4	10	19	24	2248-9622

ECE
A.Y-2013-14

Sl. No.	Authors	Complete Title Of The Article	Name Of The Journal	Vol No	Issue No	Page No	Issn / Isbn No
1	Kamdim alla Mallikarj una Rao	An Effective Strategy Of The Extension Period With Mixing Strategy	IJPES	1	1	15-18	2395- 0900
2	Meena Nagaraju	Design Of Eddr Architecture For Motion Estimation Testing Application	IOSR	8	3	8-Jan	2278- 2834
3	Venkata Narayana Eluri, K. Madhusu dhana Rao, A. Srinag	Wireless Solution For Water Saving In Agriculture Using Embedded System	International Journal Of Computer Science And Business Informatics	2	1	9-Jan	1694- 2108
4	K.Raju	Analysis Of Graph Clustering Based Normalized Graph Cut For Image Segmentation	(IJEET)	3	2	94-99	2231- 5284
5	P.Sarala	Ecg Wireless Telemetry	IJEIT	2	8	75-78	2277- 3754
6	S.Thirum ala Devi	Low Power Process Variation Tolerant Schmitt Trigger Based Sram	IJERT	2	6		2278- 0181
7	M.Siva Ganga Prasad	Optimal Training Channel Estimation In Mimo Wireless Communication	International Journal Of Innovative Research In Engineering & Multidisciplinary Physical Sciences (Ijirmps)	1	1	16-19	2349- 7300
8	M.Siva Ganga Prasad	Analysis Of Two Different Doa Algorithms For The Estimation Of Desired Signal Using Smart Antenna Technology	International Journal Of Electronics Communication And Computer Engineering	4	3	926- 931	2278- 4209
9	M.Siva Ganga Prasad	A Survey On Various Watermarking Methods For Gis Vector Data	Ijcer	2	3	5-7	2278- 5795

10	Md.Zia Ur Rahaman	An Efficient Cardiac Signal Enhancement Using Time-Frequency Realization Of Leaky Adaptive Noise Cancelers For Remote Health Monitoring Systems	Measurement	46	10	3815-3835	0263-2241
11	Md.Zia Ur Rahaman	Efficient Signal Conditioning Techniques For Brain Activity In Remote Health Monitoring Network	Ieee Sensors	13	9	3276-3283	1530-437x
12	Sk. Khamurudeen	Implementation Of Low Cost Rf Based Attendance Management System Using Psoc 5 And Gsm Module	Ijera	3	6	15-20	2248-9622
13	M.L.S.N. S.Lakshmi	Investigation On Anti-Jamming Techniques For Robust And Reliable Communication Electronic Warfare Systems	International Journal Of Scientific And Engineering Research (Ijser)	4	5	1375-1381	2229-5518
14	M.L.S.N. S.Lakshmi	Analysis Of Communication Receiver Performance In Presence Of Noise Jamming Using Vissim/Comm	International Journal Of Electronics And Computer Science Engineering (Ijecse)	2	2	477-481	2277-1956
15	M.L.S.N. S.Lakshmi	Analysis And Design Of Digital Receiver Using Multi-Bit Fft Algorithm In Radar Ew Applications	Indian Streams Research Journal (Isrj).	3	2	1-9	2230-7850
16	M.L.S.N. S.Lakshmi	Vissim-A Novel Simulation Approach For Modelling Of Communication Systems	Indian Streams Research Journal (Isrj)	2	12	1-5	2230-7850
17	M.L.S.N. S.Lakshmi	Sources Of Radio Link Interferences And Their Mitigation Techniques	Golden Research Thoughts (Grt) Journal.	2	7	1-13	2231-5063

A.Y-2014-15

Sl.No	Authors	Complete Title of the article/book chapters/Books/paper	Name of the Journal	Vol No	Issue No	Page No	ISSN/I SBN No
1	Tadisetti Venkatrao	CDAS design for trains using RFID and RF communication	international journal of applied engineering Research	21		10351-62	0973-4562
2	Birudu Venu,N.Adinarayana	Adaptive supply voltage for combinational circuits using MPR	IRD INDIA	2	10	40-45	2347-2820
3	TanniruRevathi, K.Madhusudhan Rao	A Novel Fault Detection Method for Memory applications using EG-LDPC	IRD INDIA	2	10	35-39	2347-2820
4	Maduguri Sudhir	Secret Communication Through Audio for Defence application	IJAEGT	2	5	709-13	2309-4893
5	G.Malayadri	Modular delay Commutator for DHT algorithm	IJETT	18	1	34-41	2231-5381
6	V.Murali Krishna	VLSI Architecture for Multi tab 2-D Harr Wavelet Filter banks	IJMETMR	1	12		2348-4845
7	M.Srinavas	ATPG For single input Pattern Generation and Functional Broadside Test	IJRAET	2	11	56-61	2347-2812
8	J.Suneetha	A Novel Design of All Digital Phase Locked Loop	IJEECS	2	10	46-51	2347-2820
9	K.Raju	A 6x6 Multiplier Based on Multiple Constant	IJETT	18	1	27-33	2231-5381

10	Eluri Venkata Narayana	Hardware oriented code word Generation for reconfigurable cross talk elimination	IJRAET	2	11	50-55	2347-2817
11	Eluri Venkata Narayana	STTV-OFDM Downlink baseband Receiver for mobile WMAN	IJETT	18	1	47-56	2231-5381
12	M.siva ganga prasad	Characterization of Fading and Path Loss on WiMAX at 2.6GHz Frequency Band for Cell Planning.	International Journal of Science, Engineering and Technology Research (IJSETR)	3	10	2775-2780	2278 – 7798
13	M.siva ganga prasad	Estimation of direction of Arrival Algorithms for adaptive array smart antenna in wireless communication	ijett	14	5	245-248	2231-5381
14	M.siva ganga prasad	design of printed semi circularpatch monopole antennas for ultra wideband communication	International Journal of electronics&communication technology	5	3	109-113	2230-9543
15	Sk. Khamuruddeen	Arduino Based Automatic Plant Watering System	IJARCSSE	4	10	449-456	2277-128X
16	Sk. Khamuruddeen	Low Power Design of Pre Computation-Based Content-Addressable memory	IJERGS	2	3	256-267	2091-2730
17	M.Venkata Sudhakar	Effect of Optical Filtering for Error-Free Transmission in Optical Networks	International Journal of Computer Applications	100	10	18-23	0975-8887
18	M.Venkata Sudhakar	Effect of Optical Filtering for Wavelength Division Multiplexing Systems	Nanoscience and Nanotechnology Letters	6		1-5	1941-4900
19	M.Venkata Sudhakar	Optical Filtering along with Pre-emphasis Driver in Long-haul Optical Networks	IJMSE	5	7	1-6	2045-7057

A.Y-2015-16

Sl. No	Authors	Complete Title of the article/book chapters/Books/paper	Name of the Journal	Vol No	Issue No	Page No	ISSN/I SBN No
1	Amalapurapu Srinag, K.Mallikarjuna Rao	Automatic Vehicle Location Dc-Dc Converter For Hybrid Electric Vehicle In Rfid	International Journal of Engineering & Science Research	5	10	1272-78	2277-2685
2	K. Mallikarjuna Rao, A. Sarath Kumar	Power Optimized Multi-Bit Flip-Flops Using Multiple Voltage Island Design	International Journal of Engineering & Science Research	5	10	1264-71	2277-2685
3	K.Raju	Performance Analysis of PCA and LDA	International Journal of Innovative Research in ECE(IJIREC)	2	2	17-22	2349-4050
4	Maduguri Sudhir	Detection,classification,Evaluation and compression of pavement information	IJAEG T	3	6	807-11	2309-4893
5	N.Adinarayana	A novel and High Speed Residue architectures for Multifunctions	IJSET R	4	12	-	2278-7798

6	K.Madhusudhan Rao	Design of Tri Band Antenna for MIMO Application	IJRTE T	4	3	220-24	2371-XX78
7	Bhavani Thota	The Implementation of 16 bit Carry Select Adder in VLSI	IJMET MR	2	11	553-59	2348-4845
8	K.Raju	AN Efficient System on chip bus using AHB and Clock Gating Techniques	IJRAT	1	3	72-78	2189-3128
9	A.sarath kumar	An Accomplished Power-Constrained Contrast Enhancement Algorithm For Oled Display Based On Multi Scale Retinex Approach	IJPRES	6	1		
10	G.Malayadri	A Joint Data Hiding and Image Compression by Saliency extraction using smvq and image inpainting	IJRTE T	6	3	212-17	2371-xx78
11	M.Srinivas	Area Optimized Reconfigurable Fpga With Low Latency	IJRAT	1	3	60-64	2189-3128
12	Eluri Venkata Narayana	Vlsi Implementation Of A Reconfigurable Digital Fir Filter	IJSETR	4	12		2278 – 7798
13	B.Pradeepthi	Implementation of direction of arrival (doa) estimation of fpga	IJESR	5	3	98-103	2277-2685
14	G.Malayadri	Design Of 4/5 Prescaler Sngle Phase Clock Distributioncircuit Using Pass Transistor Logic For Frequency Divider	IJSETR	4	12	-	2278 – 7798
15	M.siva ganga prasad	Implementation of Distributed Power Control /Active Link Protection for Femto Cell Networks	Indian Journal of Science and Technology	8	34	1-5	0974-5645

16	M.siva ganga prasad	Cramer Rao Bounds For Primary User Localization Using Hybrid Toa/Doa Technique In Cognitive Radios	Journal of Theoretical & Applied Information Technology	77	3	421-428	1817-3195
17	MD.Zia Ur Rahaman	Efficient block processing of long duration biotelemetric brain data for health care monitoring	review of scientific instruments	86	3	1-9	1089-7623
18	MD.Zia Ur Rahaman	Denosing artifacts from cardiac signal using normalized variable step size LMS algorithm	sensors & transducers	187	4	138-145	1726-5479
19	MD.Zia Ur Rahaman	Authors Reply	IEEE SENSORS	15	9		1530-437X
20	Sk. Khamuruddeen	Low Power Test Data Compression based on LFSR Reseeding	International Journal Of Advanced Research In Engineering & Management (IJAREM)	1	8	93-99	2349-4858
21	M.Venkata Sudhakar	Influence of Spatial Filtering to Increase Transmission Capability in Single Mode Fibre Optic Communications	Frontiers of Optoelectronics	8	4	424-430	2095-2767
22	M.L.S.N.S.Lakshmi	Novel Sequential Rotated 2x2 Array Notched Circular Patch Antenna	Journal of Engineering Science and Techno	8	4	73-77	1791-2377

			logy Review (JEST R)				
23	M.L.S.N.S.Lakshmi	Analytical Study on Folded-Slot Koch Fractal Antenna”	Indian Journal of Science and Technology (INDJST)	8	17	1-6	0974-5645
24	M.L.S.N.S.Lakshmi	An Insight into Adaptive Noise Cancellation and Comparison of Algorithms”	Journal of Theoretical and Applied Information Technology (JATIT),	79	1	57-64	1992-8645

A.Y-2016-17

Sl.No.	Authors	Complete Title of the article/book chapters/Books/paper	Name of the Journal	Vol No	Issue No	Page No	ISSN/ ISBN No
1	M.Sudhir, E.v.narayana	Digital image processing in medical palmistry	IJAEGT	4	3	1930-34	2309-4893
2	S.Thirumala devi	A new parallelvlsi architecture in real time by using microcontroller	IJSR	5	4	531-34	2319-7064
3	M.siva ganga prasad	Outage Probability Analysis Of Amplifyandforward And Decodeandforward Dual Hop Relaying With Hardware Defects	Journal of Theoretical and Applied Information Technology	86	2	290-298	1817-3195
4	M.siva ganga prasad	Hybrid Overlay/Underlay Transmission Scheme with Optimal Resource Allocation for Primary User Throughput Maximization in	Wireless Personal Communications	89	1	1-14	1572-834X

		Cooperative Cognitive Radio Networks					
5	MD.Zia Ur Rahaman	Process technique for human thoracic electrical bio-impedance signal in remote healthcare systems	healthcare technology letters	3	2	124 – 128	2053-3713
6	MD.Zia Ur Rahaman	Efficient Electrocardiogram Signal Enhancement Techniques Using Block Processed Noise Cancelers	JMIHI	6	3	1-7	2156-7018
7	MD.Zia Ur Rahaman	Double Technique for improving Ultrasound Medical Images	JMIHI	6	3	1-9	2156-7019
8	MD.Zia Ur Rahaman	Efficient ECG Signal Conditioning Technique Using variable step size least mean fourth algorithms	IJET	8	2	660-668	2319-8613
9	MD.Zia Ur Rahaman	Design and implementation of efficient low complexity biomedical artifact canceller for nano devices	LEJPT		28	197-210	1583-1078
10	Sk. Khamuruddeen	Effective Teaching of Theory Course Using PBL	Journal of Engineering Education Transformations	special issue			2394-1707
11	K.Murali Krishna	Morphological Curvature Scale Space-Based Method For Image Retrieval	IJRTET	1	6	221-229	applied
12	K.Murali Krishna	Efficient Exonic Regions Prediction in DNA Sequence Using Fast Converged Adaptive Filter	IJSIP	9	5	243-252	2005-4254
13	K.Murali Krishna	Speech enhancement Based On Self Adaptive Lagrange Multiplier With Weighted Perceptual Wiener De-Noising technique	IJESRT	5	8	220-234	2277-9655

14	M.L.S.N.S.Lakshmi	Tapered Slot Cpw-Fed Notch Band MIMO Antenna	Asian Research Publishing Network (ARPN) Journal	11	13	1-7	1819-6608
15	K. Raju	Cryptographic Standard using Multi-Input Shift Register for Detection of Hardware Trojans using LBIST	International Journal of Applied Sciences, Engineering and Management	5	5	pp. 34 – 38	ISSN 2320 – 3439
16	K. Madhu Sudhana Rao	Design of UWB Dual Notch Antenna for WBAN Applications	International Journal of Applied Sciences, Engineering and Management	5	5	pp. 39 – 43	ISSN 2320 – 3439
17	A. Sarath Kumar	Design and Implementation of Sense Amplifier Design using Hybrid Logic	International Journal of Applied Sciences, Engineering and Management	5	5	pp. 44 – 48	ISSN 2320 – 3439
18	P. Ashok Babu	Implementation of Advanced Encrypted Standards for Cognitive Radio Networks for Reconfigurable Devices	International Journal of Applied Sciences, Engineering and Management	5	5	49 - 52	ISSN 2320 – 3439
19	A. Srinag	Thermal Testing of FPGA using Toggle Logic and Self Heating Elements with Incorporated BIST architectures	International Journal of Applied Sciences, Engineering and Management	5	5	53 – 58	ISSN 2320 – 3439
20	Dr.Sk. Khamuruddeen	High Security Data Encryption In Steganography and cryptography using Matlab and Xilinx	International Journal of Applied Sciences, Engineering	5	5	89 – 93	ISSN 2320 – 3439

			and Management				
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CSE
A.Y 2016-17

S.NO	AUTHOR'S NAME	TITLE OF THE RESEARCH ARTICLE	NAME OF JOURNAL/CONFERENCE	VOLUME NO	ISSUE NO	ISSN/ ISBN NO
1	Mr.A.V.Raghava Rao	Comparative Study Of Load Balancing Algorithms Of Cloud Data And Applying Data Analytics On Cloud	ICSTM	--	--	--
2	Mr.A.V.Raghava Rao	Secure And Reliable Data Storage And Retrieval In A Cloud	ICRECT	--	--	--
3	Mrs.Ch.Jhansi Rani,Mrs.Sk.Shamma Munnisa	A Survey On Web Authentication Methods For Web Applications	IJCSIT	7	4	ISSN:0975-9646
4	Mr.B.Adinarayana reddy	Transmission Based Privacy Preserving Authentication Protocol In Cloud Computing	IJESC	6	7	2250-1371
5	Mrs.Y.Vasanthi, Mrs.K.Jhansi Rani	Applications Of Big Data On IOT	EIJ	--	--	ISSN:2229-712X
6	Mr.K. Uppendra	Transmission Based Privacy Preserving Authentication Protocol In Cloud Computing	IJESC	6	7	2250-1371
7	Mr.V.N.V SRINIVASA RAO	Real Big Value Of Big Data Pharmaceutical And Life Sciences	NCRSEM-2016	-	-	-

A.Y 2015-16

S.NO	AUTHOR'S NAME	TITLE OF THE RESEARCH ARTICLE	NAME OF JOURNAL/CONFERENCE	VOLUME NO	ISSUE NO	ISSN/ ISBN NO
1	Prof.R.Ramesh	Efficient Range Queries Over Cloud Data Perturbation	IJATIR	07	15	ISSN 2348-2370
2	Prof.R.Ramesh	Predicate Encryption Procedure To Detect Illegal Distribution In HMS(Hospital Management System)	IJATIR	07	15	ISSN 2348-2370
3	Dr.M.S .S.Sai T.Gopalakrishna	The Methodology To Underrate Routing Incursion In Informatics Networks	IJSEAAT	03	09	NA

4	Dr.M.S.S.Sai	False Positive Rule Processing For Test Packet Generation	IJIT	2	12	ISSN 2321-8665
5	Dr.M.S.S.Sai	Implementing Of Auditing Scheme For Enhancing Data Reliability In Cloud Computing	IJR	03	07	e- ISSN:2348 -6848,p- ISSN: 2348-795X
6	Dr.M.S.S.Sai	Dynamic User Profile Construction Based On Query Grouping	IJIT	3	9	ISSN 2321-8665
7	Dr.Chittineni Aruna	Metamorphic Testing: A Simplified Solution To Test Non- Testable Programs And Relieves The Need Of Complex Test Oracles In Testing	IJACEN	-	-	ISSN:2320 -2106
8	Dr.Chittineni Aruna	Mtaf: A Testing Framework For Metamorphic Testing Automation	CSCEET	-	-	978- 1- 941968-18- 5
9	Dr.Chittineni Aruna	Experimental Evaluation And Result Discussions Of Metamorphic Testing Automation Framework With Novel Algorithms	IJCET	7	1	ISSN Print 0976- 6367 ISSN Online 0976-6375
10	Dr.Chittineni Aruna	Energy-Aware Trustable Hop Routing (ETMR) Protocol To Support High Amount Of Data Transfers In Adhoc Networks	JITMIS	71	1	ISSN Print: 0976 ISSN Online: 0976 – 6413
11	Dr.Chittineni Aruna	Successive Test Case Generation Algorithm For Metamorphic Testing To Generate Follow-Up Test Cases.	SEMCMCI	-	-	978-1- 941968-18- 5
12	Dr.Chittineni Aruna	A Naïve Diamond Interpolation Algorithm For Transparent Evaluation Of Non-Testable Program Expressions In Metamorphic Testing	I IRET	-	-	-
13	Dr.Chittineni Aruna	Scalable And Flexible Big Data Analytic Framework (Sadaf) For Big Data Processing And Knowledge Extraction	ETBDA	-	-	-
14	Dr.Chittineni Aruna	Scalable And Accurate Missing Value Imputation With Least-Missing Column-Values-Impute-First And K- Clustering Strategies	SYMINTECH	-	-	1936-66-12

15	Dr.Chittineni Aruna	Achieving Secrecy And Security In Cloud Storages Using Dynamic Access Policies	IJSETR	4	47	ISSN 2319-8885
16	Dr.Chittineni Aruna	Effective Brain Registration Through Multi Structure Large Deformation Diffeomorphic	IJESR	-	-	e-ISSN:2277-2685, p-ISSN:2320-9763
17	Dr.GMurali Gudipati, HariKishan Chapala	Implementation Of Network Monitoring System Using Instinctive Check Packet Generation.	IJR	2	-	-
18	Dr.G. Murali, RVK kumar	A Survey On The Present State-Of-The-Art Of Explosives, Detection Methods And Automatic Explosive Detection Using Wireless Sensor Network	IJAER	11	-	ISSN 0973-4562
19	DrG.Murali, S Krishna Kishore	A Secured Dynamic Multi Cloud Data Approach To Avoid Redundancy	IJCMi	10	1	Issn: 0974-8652
20	Dr G Murali, Harish Babu K	Visual Datamining Of Biological Networks Temporal Modelling Of A Gene Network.	ICSTM	-	-	-
21	Mr.K.Sriraman	Cloud Bandwidth And Storage Cost Reduction With Optimized Caching	IJRST	1	2	p-ISSN: 2350-4751,e-ISSN: 2350-4751
22	Mr.A.V.Raghavarao	Self Assured Data Aggregation To Permeate Attackers In Wireless Sensor Networks	IJSEAT	3	10	--
23	Mr.B.SasiKumar	Advanced HMAC Schemes For Hybrid Cloud Reduplication	IJSETR	4	12	ISSN:2319-8885
24	Mr.B.SasiKumar	Improved Sensor Network Communication For Cluster Based Nodes	IJSETR	4	45	ISSN 2319-8885 Pages:9776-9781
25	Mr.M.Suresh	Data Cleansing Using LCS Algorithm	IJARCSMS	4	2	ISSN:2321-7782

26	Mr.M.Suresh	Q-Tree Based Solution To Handle Key Generation & Maintenance In A Disruption Tolerant Networks	IJSETR	4	42	ISSN:2319-8885
27	Mr.M.Suresh	Security Issues In MANETS	IJARCSMS	4	2	ISSN: 2321-7782
28	Mr.M.Suresh	Protected And Trustworthy Protocols Propagation In Wireless Network	IJIT	4	2	ISSN: 2321-8665
29	Mr.G.Dileep Kumar, Mr.R.Praveensam	Different Security Mechanisms In Two Factor Authentication For Collaboration Computing Environment	IJMAN	4	4	2231:6825
30	Mr.G.Dileep Kumar, Mr.R.Praveensam	Algorithms Design And Analysis	IJR	1	1	--
31	Mr.C.N.S. Vinoth Kumar	Secured 3-Tier Architecture Wireless Sensor Networks Using Chaotic Neural Network	ICCII	-	-	-
32	Mr.C.N.S. Vinoth Kumar	Survey Report On Hop-Field Chaotic Neural Networks In Wireless Nodes	IJEAS	1	1	ISSN : 2455-6955
33	Mr.B.Adinarayan areddy	Black Gram Cultivation Using Iot	IJEAS	1	3	2455-6955
34	Mr.K.Uppendra	Black Gram Cultivation Using I	IJEAS	1	3	2455-6955
35	Mrs.G.Anupama	An Effective Maintenance Of Consistency In Cloud System	IJRRECS	3	9	2321-5461
36	Mrs.M.PhaniAnus ha	Tracking Of User Information In Cloud Environment	IJCSCMC	4	11	ISSN:2320-088X
37	Mr.V.N.V.Srinivasa Rao	Efficient Keyword-Based Searching Strategies For Linked Databases	IJIRCCE	4	6	ISSN-2320-9801 ISSN-2320-9798

38	Mr.V.N.VSrinivasa Rap	Efficient Keyword Based Searching Strategies For Linked Databases	NCETCS-2015	-	-	-
39	Mrs.J.Sudeepthi	Survey On Sharing Of Single And Multiple Secrete Visual Crypto Graphic Scheme	NCETCS	-	-	-

A.Y-2014-15

S.NO	AUTHOR'S NAME	TITLE OF THE RESEARCH ARTICLE	NAME OF JOURNAL/ CONFERENCE	VO L .NO	ISS UE NO	ISSN/ ISBN NO
1	Dr.M.S.S.Sai	An Interactive Rule Based Approach To Generate Strength Assessment Report: Graduate Student Perspective	SPRINGER	2	-	DOI : 10.1007/978-3.319-03095-1_7
2	Dr.M.S.S.Sai	Privacy And Integrity Safe Guarding Mechanisms In Wans	IJACE	6	--	-
3	Dr.M.S.S.Sai	Cloud Information Accountability(Cia) Framework: To Keep Track The Actual Users In The Cloud	IJCSSEIT	7	-	-
4	Dr.M.S.S.SaiMrs.U .SivaKumari	An Efficient Key Exchange Authentication Using Browser Based Security	IJRTE	3	4	ISSN:2277-3878
5	Dr.M.S.S.Sa i Ms.D.Gayathri	Acknowledgement Based Intrusion-Detection System For MANETS	IJSEAT	2	10	ISSN:2321-6905
6	Dr.Chittineni Aruna	A New View On Method Calls And Contracts To Facilitate Developers In Making Their Design Decisions,	ICSAT	-	-	-
7	Dr.Chittineni Aruna	Metamorphic Relations To Improve The Test Accuracy Of Multi Precision Arithmetic Software Applications	ICACCI	-	-	978-1-4799-3080-7/14/\$31.00 C 2014 IEEE 2244
8	Dr.Chittineni Aruna	Integration Of Dynamic Symbolic Execution With Metamorphic Relations To Solve Complex Path Constraints.	CSEIT	-	-	2251-2195, Doi: 10.5176/2251-2195_
9	Dr.Chittineni Aruna	Metamorphic Relations To Improve The Test Accuracy Of Multi Precision	IEEE	-	-	978-1-4799-3080-

		Arithmetic Software Applications				
10	Dr.Chittineni Aruna , Mr.Kapa Sunil	Design And Accomplishment Of Agent Based Supply Chain Management	IJTASR	3	1	ISSN 2319-9245
11	Dr.Ch.Aruna Mr.R.Siva Ram Prasad	Metamorphic Testing: A Simplified Solution To Test Non-Testable Programs And Relieves The Need Of Complex Test Oracles Testing	IRAJRF	-	-	-
12	Dr.Ch.Aruna	Resource Grid Architecture For Multi Cloud Resource Management In Cloud Computing	ICT	337	-	ISBN No.978-3-319
13	Dr.Ch.Aruna, Mr.R.Sivaram Prasad	Adopting Metamorphic Relations To Verify Non-Testable Graph Theory Algorithms	IEEE	-	-	-
14	Dr.Ch.Aruna, Mrs.R.Sivaram Prasad	Testing Approach For Dynamic Web Applications Based On Automated Test Strategies	ICST	2	-	-
15	Mr.,D.JosephSreedharBabuandDr.G. Murali	Permeate Undesirable Substances Through Flexible Rule-Based System	IJCST	5	3	-
16	Mr.BAnkammaRao and Dr.G.Murali,	Semantic Keywords Extraction Mechanism In Mobile Agent For Cloud Computing In Internet Environment.	IJSETR	3	31	-
17	Dr.G. Murali	FLC For Efficient Network Jamming Management	IJSETR	3	18	-
18	Mr.K.Sri Raman	Temporal Pattern Mining In An Object Set Having Irregular Layered Structure By Using SASK Algorithm	IEEE	-	-	-
19	Mr.K.Sri Raman	Hull Detection From Handwritten Digit Image	Springer	-	-	-
20	Mr.K.Sri Raman	Virtual 3D Trail Mirror To Project The Image Reality	Springer	--	--	--
21	Mr.A.V.Raghava Rao	A Novel Approach Using RSA And DSA Algorithms For Providing Security To The Data In A Cloud	ERCICA	-	-	-
22	Mr.A.V.RaghavaRao	Automatic Image Dead And Distinction Enhancement	IJRCSE	4	6	ISSN-2321-5585

		Exploitation Gaussian Mixture Modeling				
23	Mr.B.Sasikumar	Event Stream Of Obfuscation Through Multiple Correlation Steps	IJARI	7	2	ISSN-2319-9253
24	Mrs.SK.SHAMMI MUNNISA	"Secure Certainty For Quantities In Cloud"	IJRCSE	4	6	ISSN-2321-5585
25	Mrs.V.Chandrakala	Priority Based Resource Allocation Strategies In Cloud Computing	IJARAI	7	2	ISSN 2319 – 9253
26	Ms.Deepthi, Mrs.MNageswara Rao	Reducing The Labeling Cost And The Computational Cost With Ranking AdoptionSvm(Ra-Svm) Algorithm	IJCSIE	5	1	-
27	Mr.AnilBabu, Dr.P.A. Abdul Saleem	Gaussian Mixture Model Application For Image Equalization And Contrast Enrichment	IJCE	6	1	-
28	Ms.U. Siva Naga Ms.Lakshmi, Mr.T.T. Rajeswara Rao	Improve Image Quality Using Dynamic Histogram And Information Hiding Technique	IJRCSE	4	6	ISSN 2321-5585
29	Mr.DVenkateswara Rao, Dr P.A. Abdul Saleem	Twitter Adoption And Analysis Of Online Social Networks	IJGIS	2	1	ISSN 2319-9245
30	Mr.DAyyaswamy Mr.P. KiranKumar	Determining Analytical Structure For Performing Results Through Crowdsourcing	IJATIR	6	12	ISSN 2348-2370
31	Ms.Raziya Sultana Sharief, Dr. P.A Abdul Saleem	Reducing The Bottleneck Of Video Streaming In Mobile Social Network Using Eager Allocation Algorithm	IJSETR	3	23	ISSN 2319-8885
32	Ms.NSravanthi, Mr. T.T, Rajeswara Rao	Expression And Face Recognition With The Use Of LDN Pattern	IJRCSE	4	6	ISSN 2321-5585
33	Dr.Ch Aruna	An Appraisal On The Architectures Of Data Security In Cloud Storage Infrastructure	IJCE	6	1	-
34	Dr.Chittineni Aruna	Detecting Phantom Communication Using Counting Attack	IJARCET	3	1	ISSN 2278-1323

A.Y-2013-14

S.no	AUTHOR'S NAME	TITLE OF THE RESEARCH ARTICLE	NAME OF THE JOURNAL/CONFERENCE	VOL NO	ISSUE NO	ISSN/ISBN NO.
1	Dr.M.S.S.Sai	Context Aware Time Sensitive Queries	IJDCST	1	8	ISSN-2320-7884
2	Dr.M.S.S.Sai , Mr.P.Ajith, Mrs.B Tejaswi	Evaluation Of Student Performance: An Outlier Detection Perspective	IJITEE	2	2	ISSN 2231-2307
3	Dr.M.S.S.Sai , Mr.P.Ajith, Mrs.B Tejaswi	Rule Mining Framework For Students Performance Evaluation	IJSCE	2	6	ISSN:2232-2307
4	Dr.Chittineni Aruna	A New Approach For An Integrated Tool Using Optimized Metamorphic Relations	IRF	-	-	ISBN: 978-93-84209-16-2.
5	Dr.Chittineni Aruna	A New View On Method Calls And Contracts To Facilitate Developers In Making Their Design Decisions,	ICSAT	-	-	-
6	Dr.Chittineni Aruna	Testing Approach For Dynamic Web Applications Based On Automated Test Strategies,	Springer	249	-	Doi:10.1007/978-3-319-03095-1_43
7	Dr.Chittineni Aruna	Development Of An Automated Framework To Resolve Software Testing Issues.	IJCSEITR	4	2	(P): 2249-6831; ISSN(E): 2249-7943
8	Dr.Chittineni Aruna	A Survey On Energy Conservation In Wireless Sensor Network's	IJARCE T	2	10	ISSN 2278 – 1323
9	Dr.Chittineni Aruna	Gateway Relocation By Bandwidth Based Admission Control Scheme In WiMAX	IJARCC E	2	10	ISSN :2319-5940
10	Dr.Chittineni Aruna,Mr. R.Siva Rama Prasad	A New Approach For An Integrated Tool Using Optimized Metamorphic Relations	ICCSATI	-	-	ISBN:978-93-84209-16-2
11	Mr.B. Ravi Kumar, Dr. G. Murali and Mr.B. Vijay Kumar	Scalable And Secure Third-party Auditing In Cloud Computing.	NCETIT	1	-	-

12	Mr.K.Sri Raman	Digit Recognition Using Free Man Chain Code	IJAIEEM	2	8	ISSN:23 19-4847
13	Mr.B.Sasikumar	An Efficient Scheme For Message Encryption Based On Public Key Crypto System				ISSN:09 76-8491
14	Mr.C.N.S vinoth	3 Tier Layer Approach In Wireless Sensor Network With Secured K-Top Query	IJAIST	25	25	ISSN:23 19-2682
15	Mrs.Y.Vasanthi	Penetration Built High Security	-	2	5	ISBN:13 978-81- 925385

MBA
A.Y-2013-14

Sl.No	Authors	Complete Title of the article/book chapters/Books/paper	Name of the Journal	Vol No	Issue No	Page No		Year of Publication	ISSN/ SBN No
						From	To		
1	Dr. Bh. Venkateswara Rao	Freight Business performance of Indian Railways	International journal of Trade and global business perspectives	2	2	338	341	2013	2319-9059
2	Dr. Bh. Venkateswara Rao	Financial Performance of Indian Railways	International journal of applied financial management perspectives	2	2	338	342	2013	2279-0896
3	Dr. Bh. Venkateswara Rao	Business performance of LIC after the liberalisation of Insurance Sector	International journal of entrepreneurshi p and business environment perspectives	2	2	367	370	2013	2279-0918
4	Dr. Bh. Venkateswara Rao	organizational commitment in Singareni Collieries company limited	International journal of organisational behaviour and management perspectives	2	2	318	321	2013	2279-0950
5	Dr. Bh. Venkateswara Rao	Tourism in Andhra Pradesh: Potential Untapped	Facts For You			11	14	2013	0970-2652
6	Dr. Bh. Venkateswara Rao	Organised Reatailing: Poised for rapid growth	International Journal of Reatiling and Rural Business perspectives	2	1	227	229	2013	2279-0934

7	Dr. Bh. Venkateswara Rao	Social Security Measures in a Public Sector Coal Mining Company: A study in HR Perspective	International journal of Trade and global business perspectives	2	1	110	11	2	2013	2319-9059
8	Dr. Bh. Venkateswara Rao	Passenger business of Indian Railways: Need for turnaround measures	International Journal of Logistics and supply chain Management perspectives	2	1	89	91		2013	2319-9032

A.Y-2014-15

Sl. No	Authors	Complete Title of the article/book chapters/Books/paper	Name of the Journal	Vol No	Issue No	Page No		Year of Publication	ISSN/ISBN No
						From	To		
1	Dr. Bh. Venkateswara Rao	Impact of Training and Development on the performance of SCLL	International Journal of Entrepreneurship and BE Perspectives	3	2	10	10	2014	2279 - 0918
2	A. Radhika	FDI in Retail sector in India - Issues and Challenges	Indian Journal of Commerce and Management	2	3	57	63	2014	2348 - 4934
3	Dr. Bh. Venkateswara Rao	Employee welfare in a public sector coal mining company - A Study	GITAM Journal of Management	12	2	23	24	2014	0972 - 740 X

A.Y-2015-16

Sl. No	Authors	Complete Title of the article/book chapters/Books/paper	Name of the Journal	Vol No	Issue No	Page No		Year of Publication	ISSN/ISBN No
						From	To		
1	A. Radhika	Role of gender in management education and entrepreneurship development	International Journal of Academic Research	2	2(7)	56	60	2015	2348-7666
2	VCH. Purnachandra Rao	Effectiveness of Training at Info Geosoft (India) Pvt Ltd, Hyderabad - A Study	International Journal of Multi Disciplinary Research Review	1	10	12	12	2015	2395-1877

3	VCH. Purnachandra Rao	Emerging trends and challenges of talent Management practices in India			1	60 4	60 7	2015	978-93-85100-54-3
4	VCH. Purnachandra Rao	Empoweuing women through self help groups	International Journal of Multi Disciplinarily Reasearch Review		1	8	61 63	2015	2395-1877

CIVIL (A-Y 2015-2016/2015-2016)

SL.NO	Authors	Complete Title of the article/book chapters/Books/paper	Name of the Journal	Vol No	Issue No	Page No	Year of Publication	ISSN/ISBN No	Impact factor
1	A.Suri Babu Dr. M. Ravindra Krishna	Behaviour of Concrete on replacement of sand with quarries stone dust as fine aggregate	IJIRSET	4	1	18503-18510	2015	2319-8753	5.442
2	B. Anki Reddy	A Study on Repair Materials & Mesh Bonding Techniques used to repair concrete beams failed in flexure	IJER A	5	5	84-87	2015	2248-9622	1.69
3	R.Sai Murali Krishna Reddy	Cost and Time Overruns in Indian Construction Industry	Industrial Science	2	4	1-9	2016	2347-5420	1.50

Mechanical (A-Y 2016-17)

Sl.no	Authors	Complete Title of the article/book chapters/Books/paper	Name of the Journal	Vol No	Issue No	Page No	Year of Publication	ISSN/ISBN No
1	T.srinivasarao, G.Madhusudhanreddy,s.r.krao	Studies on variations in micro structure and hardness of aa7075-t651, aluminium alloy friction stirr welds	La-metallurgiat aliana	1	-	29-35	2016	0026-0843
2	B.kirankumar	A comparative study of mechanical properties and microstructure of fsw joints with conventional welded joints	IJETT	35	6	78-86	May2016	Issn2231-5381
3	B.kirankumar	A study of mechanical properties and micro structure on fswaluminium alloy	IJME	3	5	7-15	May-2016	Issn-2348-8360
4.	K.Gopi Krishna B.Nagendra Babu	Simulation and performance take a look at of transparable solar window	IJME R	5	62	17	June-2016	Issn:2277-7881
5.	B.Nagendra Babu	Design,Fabrication and analysis of mono leaf spring for light vehicles by using SISAL	IJME R	5	4		APRIL-16	Issn:2277-7881.

		FIBRE” Composite Material.						
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A.Y(2015-16)

Sl.no	Authors	Complete Title of the article/book chapters/Books/ paper	Name of the Journal	Vo l No	Issu e No	Page No	Year of Publicati on	ISSN/ ISBN No
1	K.Rama Kotaiah	Optimization of electric discharge process parameters using genetic algorithm		2			2015	
2	S.kartheek,Ch.sambaiah,S. Raju	Design and Fabrication of Economizer	SSRG international journal of mechanical Engineering (SSRG-IJME)	9	24	29	Sep-15	ISSN:2348-8360
3	Ramanideepthi T, Ajay J, B.Kiran Kumar	Design and Analysis of Robot Arm using Matlab& Analysis	SSRG-IJME	3	36	42	Mar-2015	ISSN:2348-8360
4	B.Kiran Kumar, N L Deepak, P. Avinash	Performance and Emission Characteristics of Bio-Diesel using tyre pyrolysis oil	SSRG international journal of mechanical Engineering (SSRG-IJME)	3	27	35	Mar-15	ISSN:2348-8360

A.Y(2014-15)

Sl. No	Authors	Complete Title Of The Article/Book Chapters/Books/ Paper	Name Of The Journal	Vol No	Issue No	Page No	Year Of Publication	Issn/Isbn No
1.	Mohd. Mansoor Ahemad	An Experimental Investigation Of Hybrid Home Air Conditioner Using R134a Refrigerant	International Journal Of Scientific Engineering And Research (Ijser)	4	80	91	April 2015	Issn:2347-3878
2.	T.Srinivasarao	Microstructure And Mechanical Properties Of Friction Stir Welded Aa-7075-T651 Aluminum Alloy Thich Plates	Elsevier	5	20		July-2014	1003-6326
3.	T.Srinivasarao	Corrosion Behavior Of Afnor 7020-T6 Aluminum Alloy Friction Stir Welds Under Salt Fog Environment”,	Ijaes	9	3		2014	0974-0260
4.	T.Srinivasarao	Mechanical Properties Of Aa7075-T6 Friction Stir Welds	Ijaer	9	22		2014	0973-4562
5.	K.Rama Kotaiah	Study Of Tool Dynamics With A Discrete Model Of Work Piece In Orthogonal Turning,		10	1		2014	Issn: 1748-5711
6.	K.Rama Kotaiah	Prediction Of Optimal Stability States In Inward-Turning Operation Using Genetic Algorithms,		25	6	433-440	2014	Issn: 1748-5711

A.Y(2013-14)

Sl No	Authors	Complete Title Of The Article/Book Chapters/Books/Paper	Name Of The Journal	Vol No	Issue No	Page No	Year Of Publication	Issn/Isbn No
1.	Mohd. Mansoor Ahemad	Experimental Investigation On The Performance Analysis Of Cold Storage Plant Using With And Without Phase Change Material	Ijser	1	4		Dec-2013	
2.	Mohd. Mansoor Ahemad	Design And Fabrication Of Cold Storage Plant Using Phase Change Material	Ijirset	2	9		Sep-2013	Issn:2319-8753
4.	N.Venkata Sai Ram	Effect Of Thickness On Interlaminar Stresses In Clamped Frp Angle-Ply Laminate With A Circular Cutout	Ijeet	4	7		July-2013	Issn:2231-5381
5.	K.Rama Kotaiah	Dynamic Analysis Of A Turning Tool With A Discrete Model Of The Work Piece,		B2	224		July-2013	Issn: 0954-4054
6.	K.Rama Kotaiah	Stability Analysis Of Turning The Continuous Work-Piece Model.		61	2		2013	Issn-0039-2480

S & HA.Y-2013-14

Sl. No	Authors	Complete Title Of The Article/Book Chapters/Books/Paper	Name Of The Journal	Vol No	Issue No	Page No		Year Of Publication	Issn/Isbn No
						From	To		
1	Dr. Ankam Raghavendra Rao	Effect Of Polymerization-On Optical Properties Of Ethylene Glycols	International Journal Of Innovative Research In Engineering & Science.	6	2	16	23	Jun-2013	2319-5665
		Characterization Of Polymers-Molecular Weight: New Approach	International Journal Of Innovative Research In Engineering & Science.	8	2	26	31	Aug-2013	2319-5665

	Principle Of Additivity: Physical Properties Of Polymers	Inidan Journal Of Scholarly Research	2	8	48	4	9	Aug-2013	2778-8271
	Densities Of Alkyl And Aryl Homologues	International Journal Of Innovative Research In Science, Engineering & Technology	2	8	37 73	3	7 7 8	Aug-2013	2319-8753
	Densities From Fundamental Parameters	International Journal Of Innovative Research In Science, Engineering & Technology	3	4				Apr-2014	2319-8753

A.Y-2014-15

Sl. No	Authors	Complete Title Of The Article/Book Chapters/Books/Paper	Name Of The Journal	Vol No	Issue No	Page No		Year Of Publication	Issn/I sbn No
						From	To		
1	Ramu Yarlagadda	Artefacts: The Reputation In Science Fiction	Elk-Asia Pacific Journals		Spl	10	1	Mar-15	978-81-930411-2-3
2	K.Bhagya Lakshmi	W-R ₀ Type Spaces In Topological Ordered Spaces	Archimedes Journal Of Maths	4	3	12	1	Oct-2014	2278-0858
		W-C ₀ Type Spaces In Topological Ordered Spaces	Archimedes Journal Of Maths	4	3	11	1	Oct-2014	2278-0858

A.Y-2015-16

Sl. No	Authors	Complete Title Of The Article/Book Chapters/Books/Paper	Name Of The Journal	Vol No	Issue No	Page No		Year Of Publication	Issn/I sbn No
						From	To		
1	Dr. Ankam Raghavendra Rao	Optical Rotation In Polymers	International Journal Of Innovative Research In Science, Engineering & Technology	5	8			Aug-2016	2347-6710
2	Ramu Yarlagadda	Fantasy-A Sub-Genre Of Speculative	Global English-Oriented	2	2	75	8	Sep-2016	2454-5511

		Fiction: An Overview	Research Journal(Georj)						
3	Y. Mohan Rao	Optical Rotation In Polymers	International Journal Of Innovative Research In Science, Engineering & Technology	5	8			Aug-2016	2347-6710

A.Y-2016-17

Sl. No	Authors	Complete Title Of The Article/Book Chapters/Books/Paper	Name Of The Journal	Vo l No	Issu e No	Page No		Year Of Publica tion	Issn/I sbn No
						Fr om	T o		
1	Dr. Ankam Raghavendra Rao	Optical Rotation In Polymers	International Journal Of Innovative Research In Science, Engineering & Technology	5	8			Aug-2016	2347-6710
2	Ramu Yarlagadda	Fantasy-A Sub-Genre Of Speculative Fiction: An Overview	Global English-Oriented Research Journal(Georj)	2	2	75	81	Sep-2016	2454-5511
3	Y. Mohan Rao	Optical Rotation In Polymers	International Journal Of Innovative Research In Science, Engineering & Technology	5	8			Aug-2016	2347-6710

List of faculty members with Index Factor:

S. No	Name of the Faculty	Department	Citations	h-index	i10-index
1	Dr. Ch. Aruna	CSE	298	8	6
2	Dr. M. S. S. Sai	CSE	12	3	0
3	Dr. K. Rama Kotaiah	ME	125	5	5
4	Mr. A.V. Raghava Rao	CSE	17	2	1
5	Mr. Amarendra Matsa	EEE	6	2	0
6	Dr.G.Murali	CSE	3	1	0
7	Dr.M S G Prasad	ECE	23	4	0
8	Dr.M V Sudhakar	ECE	3	1	0
9	Dr. Md. Z. U. Rahman	ECE	106	5	3
10	Dr. Sk. Khamurudden	ECE	14	2	1
11	Mr. K.Sriraman	CSE	18	2	1

3.4.4 Provide details (if any) of Research awards received by the faculty

- Mrs. Ch. Aruna of CSE Dept. has received Best Paper Award for the paper titled: “Scalable and Flexible Big Data Analytic Frame Work-for Big Data Processing and Knowledge Extraction” presented in ETBDA-2016, organized by International Institute of Engineers in association with International Association of Engineering & Technology, held at Bangkok, Thailand, on 21st & 22nd of January, 2016.
- Dr.Md.Zia UR Rahaman received Who’s who in the World award in the year 2012-13
- Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally.
- Dr. M. Siva Ganga Prasad, Department of ECE acted as a Reviewer for Journal of Medical Imaging and Health Informatics Journal.
- Dr. Ch. Aruna, Department of CSE Acted as a TPC member and Reviewer for IEEE Conferences. And acted as a Session chair and Invited Speaker in an International Conference held at Chennai on 10th May, 2014.
- Dr. Md. Zia Ur Rahman, Dept of ECE acted as a Reviewer for various IEEE, Elsevier, IET Science, Hindawai, ACESJ Journals and TPC member for several IEEE Conferences.
- Dr. M. Sudhakar, Dept of ECE acted as a Reviewer for Journal of Medical Imaging and Health Informatics, USA (SCIE Journal).
- Dr. Khamuruddeen Shaik Dept of ECE acted as a Reviewer, Journal of Medical Imaging and Health Informatics, USA (SCIE Journal)
- Mr. K. Muralikrishna, Dept of ECE acted as a Reviewer for Journal of Medical Imaging and Health Informatics, USA (SCIE Journal).
- Incentives given to faculty for receiving state, national and international recognitions for Research contributions.

The Management offers 50% of registration fee and O.D. for those who present their Research papers at various Institutes or Universities.

3.5 Consultancy

3.5.1 Give details of the system and strategies for establishing institute-industry interface?

Systems and strategies for establishing institute-industry interface

- a. Industry Interactive session are conducted by the Industry Experts.
- b. Inviting Practicing Managers as Guest Speakers.
- c. Very senior people and experts from industry are invited to deliver guest lecturers regularly so that the students & faculty are benefitted from their expertise.
- d. A number of workshops are conducted by professional bodies like Branch associations to train the students and faculty in latest technologies.

- e. Research Labs are updated as per the requirements.
- f. The college has signed MOUs with industries and other agencies for promoting training, Research and extension activities in technical education.
- g. The Following are the various MoUs with the Organizations.

S.No	Organization	Activity
1	Randstad India Limited	Knowledge sharing, Test evaluation, placements
2	Co-cubes	Knowledge sharing, Test evaluation, placements
3	Efftronics	Campus Connect
4	Institute for electronic governance	Knowledge sharing, Test evaluation, placements
5	Jobee	Knowledge sharing, Test evaluation, placements
6	Oracle Academy	Campus Connect
7	Falcon System & Services	Knowledge sharing, Test evaluation, Placements, Skill development
8	Axis Global Automation	Skill development, Knowledge sharing, Test evaluation, Placements
9	CPLR Softtech P.Ltd	Knowledge sharing, Test evaluation, placements

10	Monster.com India Private Limited	Training, Knowledge sharing,
11	TCS.ion	To extend computing infrastructure of the college to TCS ion for the conducting various national level online and off-line tests.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized.

The institute allows consultancy works to be carried with outside agencies/industries to provide solution to industrial problems through sharing of expertise. Expertise are advocated and publicized in the following manner:

- a) Inviting personnel from industry to judge the quality of the projects of final year B.Tech and M.Tech students to obtain suggestions for quality improvement
- b) Conducting project exhibition of selected projects once in a year.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

- a) The Management is providing on duty leaves to attend conferences / Workshops in their field of interest.
- b) The Management is providing 50% Publication charges as per the rules of the institute.
- c) Faculty involving in active research are encouraged by reducing their work load.
- d) Motivational and Guest Lecturers have been conducting by the Experts.

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

The Department of Civil Engineering is performing various consultancy activities like

- a) Conducting soil test for given soil samples by clients.
- b) Preparing soil test report and giving recommendation for soil bearing capacity.
- c) Cube testing and design mix, in the following Laboratories .

AREAS	FACULTY NAME
GEO TECHNICAL LAB	J.V.Suresh Babu Asst.prof E.Nagendra Babu
CONCRETE TECHNOLOGY LAB	R.SANTI KALA Asst.prof A.Suhasini, Asst.Professor

Revenue generated with the Consultancy activities are as follows:

Sl.No	Financial Year	Project title	Financial Agency	Consultancy Amount
1	2014-15	Soil Testing	Prudhvi Constructions	Rs.82,354.00/-
2	2014-15	Structural Design	APSPDCL	
3	2014-15	MIX Design	Parinaya Projects	

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

As per HR rules of our institution in view of consultancy

- a. Where it is a project or R&D type assignment, involving the infrastructure facilities and work time, it shall be 60:40 (40% to College).
- b. In all other cases like consultancy assignments, it shall be 80:20 (20% to College).

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution promote institution-neighbourhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

The Institution has a NSS unit which is looking to engage all the faculties, students in to service sectors for making a better society apart from academic activities and to increase the growth of society as well as institution-neighborhood. This NSS activity brings out the humanity levels which really helps the society and for student personnel development.

The College has NSS Unit sanctioned by the JNT University Kakinada, Kakinada. Funds are released by the University periodically. College maintains a separate financial account for NSS. One of

9.	Mr.R.Srinivas	II Year – CSE	Student Member
10.	Mr.P.Rahul	III Year- CE	Student Member
11.	Ms.P.Chandra Abhishek	II Year-CE	Student Member
12.	Mr.B.Balaji	MBA	Student Member
13.	Mr.K.Siva	MBA	Student Member

The institution promotes institution-neighbourhood- community network and student engagement by planning various social activities which were really useful to the society in a regular way and yearly once it plans a special camp by adopting a nearby village and do service on various aspects like surveying, health camps, signature campaigns, Cleaning of schools, Swach Bharath, immunization, non-illiteracy, malnutrition, agriculture seminars etc., by inviting social workers and environmentalists to the college and villages.

3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

The college established a cell under the leadership of Dean, Student affairs to coordinate extension activities with various student groups. Apart from this NSS Coordinator of the college monitors and leads the activities through the unit. The cell maintains the records of various extension activities undertaken by the students and staff of the college.

The Institution successfully running the NSS Unit with a great dedication and commitment with 250 student volunteers from all branches. In this unit it has various departments which look in to various activities they are:

- Logistic Department
- Organizing Department
- Stage Management Department
- Women Empowerment Department
- Media & Fund raising Department
- Society Welfare Department
- Financial Department
- Out Source Department
- Discipline Department.




S.No	Name of the Student	Department Name	Activity of the Department
1	M.Mounika, B.Lakshmi Prasanna V.Tejaswi	Logistic department	Minutes of meeting, Taking permissions from management,
2	S.Saranya P.Sushimitha M.Srilekha Sk.Ameena	Organizing Department	Programme Organizing
3	K.Jaya Lakshmi R.Divya Asha,Manasa	Stage Management	Arrangements of Stage and etc.,
S.No	Name of the Student	Department Name	Activity of the Department
4	K.Shanmuka Priya P.Pratyusha M.Sirisha	Women Empowerment	Equality Balance
5	P.Manikanta M.Abidkhan A.Rajesh P.Bharath	Society Welfare	Identify the needs for society
6	P.Kalyan T.Kranthi M.Thrinath KMurali,	Financial & Media	Identify and raise the funds for service and looking in to media affairs
7	M.Gopi N.Nagaraju Md.Rafi Ch.Sai kiran	Outsource	Outside arrangements
8	P.Rahul M.Narendra A.Siva K.Satya	Discipline	Conducting the events in smooth way



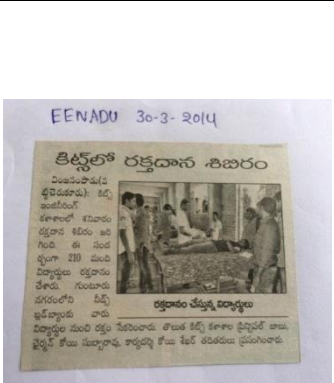

Table: Internal NSS Departments and their activities

- The NSS Unit of the college conducts blood donation camps every year in association with Needs / Lions / NTR Blood Bank
- The activities such as Clean and Green, Plantation, etc programs are conducted in surrounding villages through NSS.
- The NSS Unit has adopted a school in the nearby village and study materials are distributed every year to school children.
- Literacy drives and signature campaigns are conducted in nearby villages every year.
- College computing facilities are extended for revenue department as well as police department to update their data.
- College computing facilities are also extended to TCS to conduct competitive examinations for recruitment in banking sector, government sector, etc

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

The Institution has very good perceptions from all over the people from the different regions to the nearby village people, because of conducting so many activities which helpful and do realize the society. For example, doing cleaning activities in nearby villages like swatch bharath at vinjanampadu village, done an awareness camp regarding usage of gunny bags apart from polythene carry bags and got very good appreciations from the Village people for doing helpful activities which are really useful for them by the college management, faculty and students. Really they praise the performance and quality of work done by the institution, along with these done with so many social activities which make realize of the citizens by doing traffic awareness rally's in the city, women health camps, education awareness camps in govt. schools, different living mechanism camps at village levels, Donating blood at emergency cases, Anti Ragging rallies, Tree Plantations, Blood Donation Camps, Old Age and orphan Services etc. People and the well known government officials like Traffic DSP Mr.K.SrinivasaRao, Superintendent of Police and so many who got aware of these services and activities, they gave their blessings and asked to continue to do the activities for making the people more aware, responsible, discipline and useful to the society.

S.NO	ACTIVITY PHOTO	ACTIVITY DESCRIPTION
1.		<p>Conducted the Swach Barath Program on 11-10-2014 in Vinjanampadu village where a big number of students (CSE-25, ECE-25, EEE-20, CIVIL-20, MECH-20 of 2nd & 3rd year students) attended and cleaned the village at different places. In this event students, Management, Principal and Faculty are attended with great enthusiasm and done the service to make the village clean.</p>
2.		<p>Conducted a traffic awareness rally on 16-02-2016 in Guntur city from market place to lodge center, around 600 students (from I year CSE-100, ECE- 100, EEE-40, CIVIL-60, MECH-60 & 2ND Year students CSE-100, ECE-100, EEE-20, CIVIL- 20, MECH- 30) were participated along with them Traffic DSP K.SrinivasaRao flagged the rally, Traffic East CI Mr.Murali Krishna, Traffic West CI Mr.Sobhan and management, principal also lead the event. Students went all the way with different slogans written placards and make aware the different categories of students.</p>
3.		<p>Conducted the Gunny Bag Distribution on 12-02-2014 in Vinjanampadu village where a big number of students (CSE-25, ECE-25, EEE-20, CIVIL-20, MECH-20 of 2nd & 3rd year students) attended and distributed to all the village people and make them aware of use only the gunny bags and conveyed to not use the plastic carry bags. All the village people appreciated the college management , principal, faculty and students for giving awareness to all of them.</p>

<p>4.</p>		<p>Conducted an AntiRagging Rally to create awareness with students, how to behave with juniors and how to stop ragging. Along with these they gave the details of punishments also if they do the ragging in their Colleges.</p>
<p>5.</p>		<p>Medical Camp for Women on 31-03-2013 and chairman delivering the medicine in the event.</p>
<p>6.</p>		<p>Conducted a Blood Donation Camp on 30-03-2014 and donated blood to NTR, NEEDS, LIONS CLUB etc.,. In this around 100 units and above was donated by Institution students and those organizations felt happy and gave their appreciations to the institute for making the event more successful. Along with this they have distributed the certificate to each student.</p>
<p>7.</p>		<p>Conducted a Blood Donation Camp on 23-07-2016 and donated blood to NTR Blood Bank etc.,. In this 132 units (from various department students of 3rd & 4th year were donated and the organizations felt happy and gave their appreciations to the institute for making the event more successful. Along with this they have distributed the certificate to each student.</p>

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

Yes, the Institution has an activity plan and calendar which will organize the activities in a systematic manner without disturbing the academic schedules of the students. Here is the activity list so far done and details of expenditure.

A.Y. 2009-2010

S.NO	NAME OF THE ACTIVITY	ACTIVITY DATE	NUMBER PARTICIPATED	BUDGET SPENT
1	Blood Donation Camp	10-10-2010	100	500/-

A.Y. 2011-2012

S.No	NAME OF THE ACTIVITY	ACTIVITY DATE	NUMBER PARTICIPATED	BUDGET SPENT
1	Blood Donation Camp	05-04-2012	150	500/-

A.Y. 2012-2013

S.NO	NAME OF THE ACTIVITY	ACTIVITY DATE	NUMBER PARTICIPATED	BUDGET SPENT
1	Eye Checkup Camp	08-01-2013	200	1000/-

A.Y. 2013-2014

S.NO	NAME OF THE ACTIVITY	ACTIVITY DATE	NUMBER PARTICIPATED	BUDGET SPENT
1	Swach Bharath at Vinjampadu village	10-04-2014	200	2,000/-
2	Gunny Bags Distribution at Vinjanampadu village	12-02-2014	150	10,000/-

A.Y. 2014-2015

S.NO	NAME OF THE ACTIVITY	ACTIVITY DATE	NUMBER PARTICIPATED	BUDGET SPENT
1	Plantation	24-09-2015	200	2,000/-
2	NSS Foundation Day	24-09-2015	150	500/-
3	Donation for Heart Plantation Patient	16-10-2015	2,000	50,341/-

4	Old Age Home Service	25-10-2015	25	4,000/-
5	Old Age Home Service	08-11-2015	25	5,000/-
6	Blood Donation in Emergency Case	22-11-2015	1	-
7	Swach Kits	17-12-2015	400	600/-
8.	Blood Donation in Emergency Case	31-12-2015	3	-

A.Y. 2015-2016

S.NO	NAME OF THE ACTIVITY	ACTIVITY DATE	NUMBER PARTICIPATED	BUDGET SPENT
1.	Skill Acquisition	18-01-2016	30	4,000/-
2.	Essay Writing Competition	20-01-2016	45	200/-
3.	Tuition Fee Support for Law Student	25-01-2016	10	2,200/-
4.	Traffic Awareness Rally	16-02-2016	600	5,000/-
S.NO	NAME OF THE ACTIVITY	ACTIVITY DATE	NUMBER PARTICIPATED	BUDGET SPENT
5	Anti Ragging Flash MOB	17-02-2016	50	5,000/-
6	LEAP (Leading Endeavors for Achieving Progress) Youth Conference, BITS Pilani	24-02-2016 to 02-03-2016	8	5,000/-
7	Cyclothon	27-03-2016	200	-
8	Temple Service	08-04-2016	15	5,000/-
9	International Yoga Day	21-06-2016	400	1500/-
10	Vanamahotsav	13-07-2016	20	400/-
11	Blood Donation Camp	23-07-3016	132	600/-
12	Vanam – Manam	29-07-2016	513	-
13	Donation raised to poor student	08-08-2016	2000	50,325/-
14	Digital India workshop	29-08-2016	10	10,000/-

	at JNTUK, Kakinada			
15	Blood Grouping	20-09-2016	513	400/-
16	Donation to the cancer effected student	22-09-2016	2000	26,000/-
17	Condolences to Army Soldiers	23-09-2016	500	1000/-
18	NSS Foundation & Anniversary Day	24-09-2016	400	8,000/-
19	Memunnam Meekosam	25-09-2016	100	5,000/-
20	Mosquito Control Awareness Seminar	01-10-2016	20	500/-
21	Swatch Bharath	02-10-2016	200	1,000/-

A.Y. 2016 – 2017 YEAR PLANNER (Tentative)

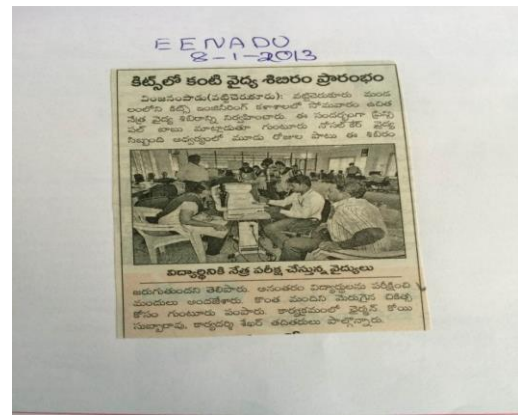
S.NO	NAME OF THE ACTIVITY	ACTIVITY DATE	NUMBER PARTICIPATING (approx.)
1.	International Yoga Day	21-06-2016	400
2.	Vanamahotsavam	13-07-2016	30
3.	Blood Donation Camp	23-07-2016	150
4.	Vanam-Manam	29-07-2016	200
5.	Independence Day	15-08-2016	100
6.	Digital India Workshop, JNTUK	29-08-2016	10
7.	Teacher's Day	05-09-2016	200
8.	Blood Grouping	20-09-2016	600
9.	NSS Foundation Day Celebrations	24-09-2016	300
10.	Swachh Bharath	02-10-2016	250
11.	World AIDS Day	01-12-2016	200
12.	International Volunteer's Day	05-12-2016	300
13.	National Youth Day	12-01-2017	150
14.	Republic Day	26-01-2017	200
15.	Water Awareness Day	01 to	100

		07-03-2017	
16.	Women's Day	08-03-2017	150
17.	World Handicapped Day	15-03-2017	100
18.	World Health Day	07-04-2017	150
19.	Fire Prevention Day	14-04-2017	100
20.	Mother's Day	10-05-2017	50

Note: - Activities will be take care by the students of every department. Participation number will be distributed according to the no. of students require for the activity.



**BLOOD DONATION CAMP
(15-04-2012)**



**EYE CHECKUP CAMP
(08-01-2013)**



**SWACH BHARATH AT VINJANAMPADU
(10-04-2014)**



**FUNNY BAG DISTRIBUTION AT
VINJANAMPADU
(12-02-2014)**



TREE PLANTATION
(24-09-2015)



SWATCH KITS
(07-11-2015)



విద్యార్థికి చేయూత

నట్టిచెరుకూరు, స్టూస్టుడె : విజనంపాడు కిక్స్ ఇంజి నీరింగ్ కళాశాల ఎన్ఎస్ఎస్ విభాగం విద్యార్థులు కళాశాల యాజమాన్యం కలిసి హ్యాండ్‌గంత్ బాధ పడుతున్న విద్యార్థికి షుక్రవారం యా 50 వేల అర్థిక సాయం చేశారు ఈ

సాయం లండబేస్టు కోయి నుబ్యారావు, శేఖర్ తదితరులు

మొత్తాన్ని కళాశాల ఛైర్మన్ కోయి సుబ్బారావు కార్యదర్శి శేఖర్, ట్రస్టిపల్ పి బాబు ఎన్ఎస్ఎస్ కన్వీనర్ రాఘవల చేతులు మీదుగా బాధిత విద్యార్థికి అందజేశారు





నిబంధనలు పాటిద్దాం ప్రమాదాలు నివారిద్దాం

క్రైటిక్ నిబంధనలు పాటించండి ప్రమాదాలను నివారించండి. తాగి చేసే ప్రయాణం యమపురికి వలదుం, ముగ్గురితో ప్రయాణం ముప్పుతో మూర్ఖం వలదుం. క్రైటిక్ పై ప్రజలకు అవగాహన కల్పించడమే తీర్చి ఇవ్వగలిగే కళాళు విద్యార్థులు భవంకొక్కమి. ఈ సెల 20, 201 తేదీల్లో జరిగినట్లు తీర్చియుంచు-2016 కార్యక్రమంలో భాగంగా మంగళవారం తీర్చి ఎన్ఎస్ఐవ్ యూనిట్ విద్యార్థులు హిందూకళాళు భవనంలోని పార్క్ క్రైటిక్ అవగాహన కల్పించి కార్మికులను నిర్బంధించారు. తీర్చి ఈ కాల వైపున కోలు సుఖ్యులొచ్చి అధ్యయనంలో జరిగిన ఈ కార్యక్రమం క్రైటిక్ కేంద్ర కమిటీ క్రైటిక్ నిబంధనలు ముఖ్యంగా చిగా పాటించి ప్రాంతంవలన. క్రైటిక్లో వి.బాబు, ఎన్ ఎస్ఐవ్ కో-అర్డినేటర్ రామకృష్ణ, కళాళు కార్యదర్శి కోలు శేఖర్, డి.కల్పన, క్రైటిక్ కులు కోటవర్రాజు, ముంకొక్క పాల్గొన్నారు. - గుంటూరు, సెప్టెంబరు



LEAP Youth Conference – BITS Pilani



Vanam – Manam in Vinjanampadu Village

**డిజిటల్ ఇండియా పోటీల్లో
కిట్స్ విద్యార్థుల ప్రతిభ**



(విజయం పొందు) పట్టి చెరుకూరు: విజయంపాదులోని కె.కె.ఆర్ అండ్ కె.యస్.ఆర్

ఇంజనీరింగ్ కళాశాల ఎన్ఎస్ఎస్ విద్యార్థులు జెఎన్టీయూ కాకినాడ ఆధ్వర్యంలో ఇటీవల నిర్వహించిన 'డిజిటల్ ఇండియా' కార్యక్రమంలో బహుమతులు సాధించారు. డిజిటల్ ఇండియా కార్యక్రమంలో భాగంగా నిర్వహించిన క్విజ్ పోటీల్లో కళాశాల ఎన్ఎస్ఎస్ విద్యార్థులు మొదటి బహుమతిని, స్కీట్ ప్రదర్శనలో ద్వితీయ బహుమతిని గెల్చుకున్నారు. విద్యార్థులను కిట్స్ కళాశాల చైర్మన్ కొయి సుబ్బారావు, కొయి శేఖర్, ప్రీన్సిపాల్ పి. బాబు అభినందించారు.

సాక్షి Thu, 01 September 2016
epaper.sakshi.com/c/12900370

Digital India Workshop At JNTUK, Kakinada



NSS Foundation Day Celebrations 24-9-2016



మహాత్ముని బాటే..మా బాట



రహదారుల వక్కన ఉన్న వయ్యాలిబామ, పిచ్చిమొక్కలను తొలగిస్తున్న విద్యార్థులు..
వట్టిచెరుకూరు, న్యూనీటండే: గాంధీ బాటే..మా బాట అంటూ కిట్నీ ఇంజనీరింగ్ కళాశాల ఎన్ఎస్ఎస్ విద్యార్థులు ఆదివారం సుబ్రహ్మణ్యం నిర్వహించారు. శి కిలోమీటర్ల దూరం భవనా రికి ఇరు వైపులా పెరిగి ఉన్న వయ్యాలిబామ, పిచ్చిగడ్డి మొక్కలను తొలగించారు. చెత్త కుప్పలను శుభ్రం చేశారు. కళాశాల కార్యదర్శి కోయిశేఖర్, వైర్లన్ కోయి సుబ్బారావు, ప్రిన్సిపల్ బాబు, ఎన్ఎస్ఎస్ కోఆర్డినేటర్ వీరరామచంద్రావు, సీఎస్ఈ విభాగాధిపతి రమేష్లు పాల్గొన్నారు.

Swach Bharath at Vinjanampadu on 02-10-2016



విద్యార్థులందరూ రక్తదానం చేయాలి

వట్టిచెరుకూరు: వింజనంపాడు కిట్నీ ఇంజనీరింగ్ కళాశాల విద్యార్థులు ఎన్టీఆర్ క్రమం లో కళాశాల ప్రెసిడెంట్ పి.బాబు, సీఎస్ఈ సీనియర్ నిర్వహించిన రక్తదాన శిబిరంలో పాల్గొని రక్తదానం చేశారు. మెకానికల్, సీవిల్, ఈసీఈ, ఈఈఈ, సీఎస్ఈ విభాగాల విద్యార్థులు 190 మంది రక్తదానంలో పాల్గొని 150 యూనిట్ల రక్తదానం చేశారు. ఈ కార్యక్రమాన్ని కళాశాల వైర్లన్ కోయిసుబ్బారావు ప్రారంభించి మాట్లాడుతూ యువ తరం రక్తదానం చేయడం వల్ల ఆపదలో ఉన్న ఎందరో ఆపన్నులకు ప్రాణదానం చేసిన వారపుతారని చెప్పారు. కళాశాల కార్యదర్శి కోయి శేఖర్ మాట్లాడుతూ రక్తదానం వల్ల ఏవిధమైన అనర్థాలు ఉండవని, ప్రతి విద్యార్థి రక్తదానం చేయడానికి రక్తదానం చేస్తున్న ఇంజనీరింగ్ విద్యార్థులు



Blood Donation Camp in association with NTR Trust Blood Bank on 23-07-2016.

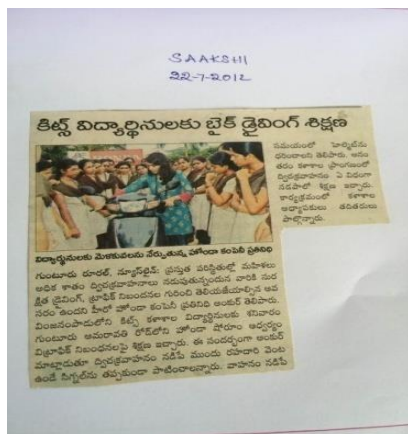
3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

The Institution is very much interested in promoting the students and faculty in various extensive activities like NSS and other national and international agencies. The NSS committee consists of both faculty coordinators and student coordinators work with great enthusiasm for making the responsible citizens to the society.

- Students are encouraged from first year onwards to involve in social service activities.100 students are enrolled in NSS unit approved by the affiliating university.
- Besides, every student has to register for NSS and involve in its activities
- The interested faculty members are also involved along with the students in NSS activities voluntarily and participated in blood donation camps, swach bharat programs, clean and green programs, etc.
- Faculty and technical staff are encouraged to impart the required technical skills to unemployed youth by extending appreciation certificates.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

- Awareness camps on Fire Safety, Road Safety, etc. are taken up and conducted by the NSS Unit of the college in surround villages.
- Training in certain engineering trades such as house wiring, carpentry, welding, machining, etc. are arranged for unemployed youth of surrounding villages to empower them to secure the required employment or livelihood.
- Adopting and providing the required support in the form of donating the text books, slates, etc. to the needy children, conducting games and sports activities and bringing awareness on usage of computers at Nirmal Hurdaya, Orphanage, Phirangipuram.
- Out promoter society, GSR & KKR Educational Society, contributed an amount
- of Rs.2,00,000/- cheque (including Rs.1,00,000/- donated by the staff and the students) to the Chief Minister’s Relief Fund for rehabilitation of Vizag Hudhud Cyclone affected people.



3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students’ academic learning experience and specify the values and skills inculcated.

The extension activities help complement and supplement the learning outcomes beyond the class room and create awareness among the young citizens about the dynamics of the society which they face in near future. The expected outcomes through these activities are self learning, team work, constructive use of knowledge for the benefit of the society, etc.

Extension activities also aimed at inculcating values like

- Social responsibility
- Ethics and values
- Human values
- Societal behavior
- Knowledge transfer

Some of the Activities and their Outcomes :

S.No	Name of the Activity	Activity Out Come
1.	Blood donation camp	Students got awareness of “live healthy to give life to others” and there is a good percentage of students are increased every year for donating the Blood. Students after completion , they themselves started a page in Face Book called “ Blood Any Time “(BAT) and serving the society when in need.
2.	Tree plantation	Make universe eco friendly and green
3.	Donation for heart plantation patient	Help the needy
4.	Swach kits	Always our premise is clean and hygienic
5.	Old age home service, at MotherTerasa Sangkshema Seva Sangam, Borravaaripalem.	We should look after all the elders for their better livelihood in 2 nd innings
6.	Skill acquisition at Nirmal Hruday , Phirangipuram.	Make all the people literates to construct better nation
S.No	Name of the Activity	Activity Out Come
7.	Blood donation at emergency cases in hospitals	Live healthy to give life to others
8.	Donated medicines at old age homes	Help the needy
9.	Education fee donation	Make all the people literates to construct better nation
10.	Traffic awareness rally	Ride carefully to live joyfully
11.	LEAP (Leading Endeavors for Achieving Progress) youth conference, BITS, Pilani	Got mentorship with a non government organization (NGO) Bhumi, which they can guide the NSS unit, how to conduct the activities and fulfill the requirements of the needy.



3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

The reaches out activities contribute so many developments to the community with great inspiration and give a lot of impact to the society. So many well known and community heads visit our organization and to our events and give a good speeches / lectures how to become good citizens of our nation.

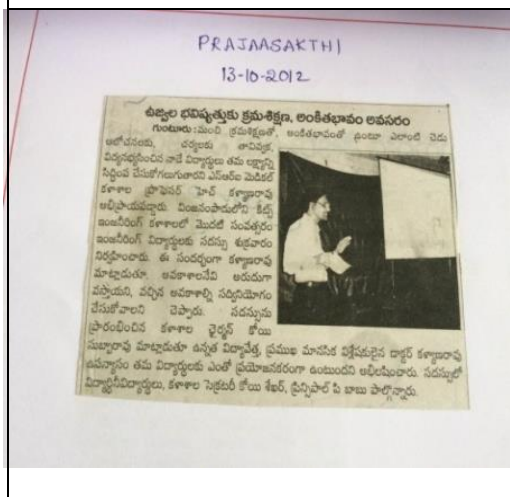
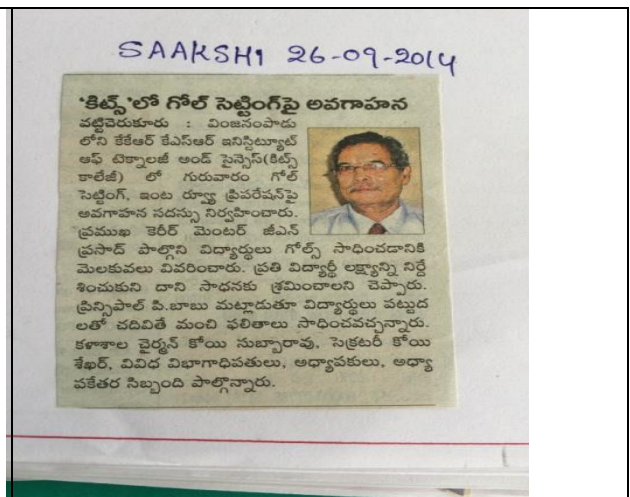
People who visited our campus:

- Sri Galla Jaydev (Member of Parliament) addressed the “Future Technologies that will change the life”,
- Sri Atukuri Anjaneyulu (President, Chamber of Commerce) addressed about Entrepreneur Skills “ A Small Idea can make a Big Change”
- Dr.Kalyan Rao and Dr.G.N.S Prasad also addressed students always be disciplined, do hard work and concentrate in their studies then only they will become good citizens of the country.

S.No	Extra Activity Name	Resource Person Visited & Organization	Activity Date	No .of Students Participated
1	Motivation Seminar	Dr.Kalyan , NRI Medical College	13-10-2012	300
2	Goal Setting	Dr.G.N.S Prasad, GNS Prasad Mentor Services	26-09-2014	250
3	A Seminar on Enterpreneur Skills	Atukuri Anjaneyulu, President Chamber of Commerce , Guntur	10-10-2015	400
4	Future Technologies that will change the way of LIFE	Tejaswi Foundation	06-01-2016	300

5	Traffic Awareness Seminar	K.Srinivasa Rao, City West Traffic DSP	16-02-2016	600
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- Blood donation camps are organized in association with local lions / needs/ ntr club.
- Health camps are organized in surrounding villages by involving the practicing doctors in and around the college.
- Awareness on HIV and other deceases are conducted in surrounding villages in association with Health Service departments.
- Awareness on Traffic to all the students as well as to the society.

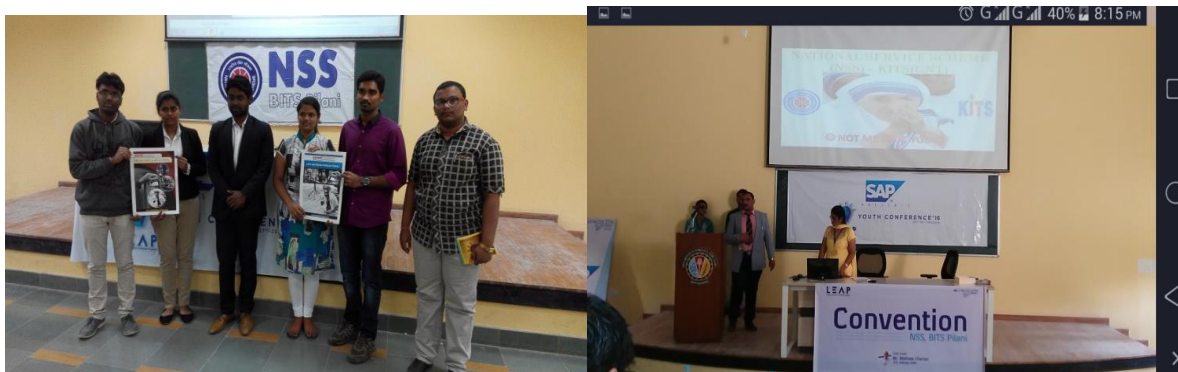




Recently, The Institution's NSS Unit got selected for the mentorship of a Non Government Organization (NGO) named BHUMI, <http://www.bhumi.org.in/> and AgeWell Foundation. This opportunity given by BITS Pilani through the event LEAP (Leading Endeavors for Achieving Progress). Totally Eight Students participated in the seminar and gave our NSS unit presentation and explained the works so far done.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

Till now the Institute has Mentorship (MOU) with BHUMI, a leading NGO from south India. They will guide us to conduct various activities to make India a better community. And the institution is looking in to so many MOU's with Needs Blood Bank, NTR Trust and several service communities which they give their best to the society and the college works with Local Lions Club, Rotary Club etc., in taking up various outreach and extension activities.



3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

The College received good appreciations from various organizations for the valuable activities the college done so far and for those activities the NGO's like Bhumi and AgeWell foundations are acting as Mentor from BITS Pilani LEAP (Leading Endeavours for Acheving Progress) Youth Conference to the NSS Unit of the college where they can guide and give their valuable suggestions for conducting more activities in a well disciplined and systematic manner. Along with this, the organization got enrolled in to LEAP Portal. LEAP portal is a platform which integrate all the NSS Units on to one platform.

www.socioconnect.in



3.7 Collaboration

3.7.1 How does the institution collaborate and interact with Research laboratories, institutes and industry for Research activities. Cite examples and benefits accrued of the initiatives - collaborative Research, staff exchange, sharing facilities and equipment, Research scholarships etc

The institution has collaborated with many companies, industries, and other institutions for mutually beneficial relationships that include staff exchange, faculty development programs, personality development programs for students and faculty, sharing of physical resources etc. For collaborations with Research laboratories.

Benefits:

1. Establishment of lab facilities with industry specific hardware and software resources for carrying out Research work.
2. Joint proposal submission to funding agencies.
3. Internships to students for carrying out project work.
4. Product development and commercialization of developed project works.

3.7.2 Provide details on the MoUs /collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

The Institution has collaboration with the following organizations for knowledge sharing, placements and campus connect

S.No	Organization	Activity
1	Randstad India Limited	Knowledge sharing, Test evaluation, placements
2	Co-cubes	Knowledge sharing, Test evaluation, placements
3	Efftronics	Campus Connect
4	Institute for Electronic Governance	Knowledge sharing, Test evaluation, placements
5	Jobee	Knowledge sharing, Test evaluation, placements
6	Oracle Academy	Campus Connect
7	Falcon System & Services	Knowledge sharing, Test evaluation, Placements, Skill development
8	Axis Global Automation	Skill development, Knowledge sharing, Test evaluation, Placements
9	CPLR Pvt.Ltd	Knowledge sharing, Test evaluation, placements
10	Monster.com India Private Limited	Training, Knowledge sharing,
11	TCS Ion	To extend computing infrastructure of the college to TCS ion for the conducting various national level online and off-line tests.

College's collaboration with other industries has impact as follows:

- Students have the access to do projects in the industry.
- Students have the opportunity for going on industrial visits and getting exposure to the real working environment.
- Transfer of technology information and knowledge from industry to the faculty and students is done through collaborative programs like guest lectures, seminars, workshops and other interactive programs.
- The institution has interactions with various government and private organizations for student internships. The following are the list of organizations that offered internships.

S. No	Name Of The Student	Name Of The Organization Conducted The Internship
1	B.Sai Venkata Vidya Dhar	Panchayati Raj Engg. Dept
2	K.Gopi Nath	Panchayati Raj Engg. Dept
3	K. Hari Krishna	Panchayati Raj Engg. Dept
4	K.Gopi Nath	Panchayati Raj Engg. Dept
5	Sk. Abjal Hussain	Panchayati Raj Engg. Dept
6	Sk. Mohammed Khaleel	Panchayati Raj Engg. Dept
7	Sk. Tohir Raja	Panchayati Raj Engg. Dept
8	P.Sai Leela	Panchayati Raj Engg. Dept
9	K.Kavya	Panchayati Raj Engg. Dept
10	B.Gopi Nath	Panchayati Raj Engg. Dept
11	P.Subramanyam	S.V. Constructions Pvt. LTD
12	V.Suman	S.V. Constructions Pvt. LTD
13	V.Krishnaveni	VTPS,Vijayawada
14	K.Nalini Prabhavathi	VTPS,Vijayawada
15	Y.Lakshmi Divya	VTPS,Vijayawada
16	Nv. Sanjay	BHEL
17	J.Uday Harsha Vardhan Varma	HAL
18	P.Teejeswar	Sc Railway Wagon Workshop Guntupalli
19	Yasaswi	Sc Railway Wagon Workshop Guntupalli
20	Khaja Nawaz	Sc Railway Wagon Workshop Guntupalli
21	Samba Siva Rao	Sc Railway Wagon Workshop Guntupalli
22	V.Nagendra Babu	Sc Railway Wagon Workshop Guntupalli

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support,infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.

s.no	Institution	Area of collaboration	Benefit to community
1.	Jobee	Exchange of expertise for	Knowledge sharing,Test

		students placements.	evaluation,,placements
2.	Randstad India Limited	Exchange of expertise for students projects	Knowledge sharing,Test evaluation,,placements
3.	Efftronics	Exchange of expertise for students placements.	Campus Connect

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

Details of eminent scientists/participants visited the college during last five years.

SNO	Name of the Resource Person and Organization	Dates
1	Mr. Charan Deep Patnaik, Head, Operations , National College, Ireland	22 nd February, 2013
2	Mr.M.M.Anand Kumar, Director of IGS	22 nd and 23 rd July,2013
3	Prof. Viswanatham, Dean Osmania University	22 nd September,2013
4	Mr.P.Prabhakar, Sr.Director of Business Intelligene Governance & profiles at S&P Capital IQ, Hyderabad	22 nd and 23 rd September,2013
5	Mr.Naresh, Psychologist, Lead India Master Trainer	22 nd and 23 rd September,2013
6	Mr.Syed Rafi, Sales Trainer and Motivational Speaker at Ascent Training & Consultancy Services, Hyderabad	23 rd September,2013
7	Mr.Krishna Kanth, Software Quality Analyst, S&P Capital IQ, Hyderabad	22 nd and 23 rd September,2013
8	Mr.Yatendra, Senior Research Analyst, S&P Capital IQ, Hyderabad	23 rd September,2013
9	Mr.J.Humla, Lead India Master Trainer & motivator	22 nd and 23 rd September,2013
10	Mr.Shasikanth, Lead India Master Trainer and Motivator	22 nd and 23 rd September, 2013
11	Dr. K.R.S.Samba Siva Rao, ANU, Guntur	4 th and 5 th July,2014
12	Dr. Alok Srivastav,Professor, HCU	4 th and 5 th July,2014
13	Dr. M.Suresh, Professor, Dept. of CSE,GVIT Bhimavaram	4 th and 5 th July,2014
14	Dr. M.R. Narasinga Rao, Professor, Dept.Of CSE,KLU , Guntur	4 th and 5 th July,2014

15	Dr. K.Kartheeka Pavani, Professor, Dept of CSE, RVR &JC COE	4 th and 5 th July,2014
16	Dr. S.Vidhyadara,Principal,CHIPS, Guntur	5 th July,2014
17	Dr. T.G. Sitharam, Professor in Civil Engineering, Indian Institute of Sciences (IISC) Bangalore	23 rd August, 2014
18	Dr.K.S.Rama Krishna, Chairman-Deep Foundations Institute of India& Independent Senior Geotechnical Consultant,Chennai	23 rd August,2014
19	Dr.S.Sireesh Assoc.Professor, Dept.of Civil Engg IIT Hyderabad	23 rd August,2014
20	Mr.Bhaskar and Mr.Mohan, Swetcha Team, Hyderabad	25 th and 26 th August 2014
21	Mr.A.Gopla Krishna, JNTU, Kakinada	24 th Sep,2014
22	Prof.P.Bangaru Babu, Prof, Dept of Mechanical, NIT, Warangal	24 th Sep,2014
23	Mr.Jagadeesh Chandra Bose	11 th Feb to 15 th Feb,2015
24	Mr. Narra Suresh, Manager Infosys	5 th March,2015
25	Mr.D.Srikanth, BSCPL,Hyderabad	31 st October,2015
26	N.Vamsi Kiran, Managing Director, E-Curves, Hyderabad	12 th December, 2015
27	Mr.Raja Sekhar,Member, NodeJS & MongoDB	12 th to 18 th Dec,2015
28	Mr.Anand kumar & Mr.Deepak, Trainees, NEC, Vijayawada	18 th January 2016 to 23 rd January 2016
29	Ms. Divya Roopa, Dream Allusions,Vijayawada	4 th February, 2016
30	Mr.A.Arun Kumar & Mr.M.Ashok Balaji,Trainees, AGIIT, Coimbatore	8 th February 2016 to 12 th February 2016
31	Dr.P.Gopala Krishna Murthy, Scientist, DRDO, Cochin	27 th February, 2016
32	Prof. M.Rama Rao, RVR & JC College of Engineering, Guntur	1 st and 3 rd March,2016

33	Mr. Kranthi Kumar, Managing Director, Que Technologies, Vijayawada	21 st to 23 rd September, 2015 and 3 rd to 5 th March, 2016
34	Dr. S Ramanarayana Reddy, HOD of Dept. of CSE, Indira Gandhi Delhi Tech. University for Women.	11 th July, 2016
35	Mr. Kalyan, Working in Microsoft Cloud Computing SOS	13 th July 2016
36	Mr. D. Trivikram Rao, Manager, HAL, Bangalore	16/7/16
37	Dr.H.Kalyan Rao,NRI Medical college,Mangalagiri	19 th July,2016
38	Dr. S. Jyothi, HOD of Computer Science, Sri Padmavathi Mahila Viswa Vidyalayam.	20 th July 2016
39	Mr. V.Madhukar, Prolific systems and Technologies Pvt Ltd	28 th July ,2016
40	Dr. J. Ravi Kumar, Asst. Prof, Dept. Of ECE, NITW	29/07/2016 – 30/07/2016
41	Mr. K. Prabhakar, Associate Vice President –Data & Analytics, Mr.Sudhakar, Lead India Team Leader Mr.yatendra, Senior Reasearch Analyst, Mr. Krishna Kanth Software Quality Analyst, Mr. Omaji, Mr. Syed rafi, Sales Trainer & Motivational Speaker.	30 th July 2016, 31 st July 2016
42	Dr. R. B V Subramanyam, NIT Warangal	5 th Aug 2016
43	Dr.Y.S.Kishore Babu, JNTUK,Narsaraopet	6 th August ,2016
44	MD.SHARIF ICTACT, Chennai	2 nd Sep, 2016 & 20 th OCT,2016
45	Mr. G.Srikanth TCS, Chennai	9 th Sep 2016 to 11 th Sep 2016
46	Dr. V. Sathyanarayana, Principal, St. Mary's Women's Engineering College	14 th Sep,2016
47	Mr. N. V. R. K. Prasad, SE Public Health Dept.	15 th Sep,2016
48	Mr. Nayani Gopi, Zonal Manager, APUAE	16 th Sep, 2016
49	Sri. S. Ramesh, Regional Manager, APUAE	16 th Sep,2016
50	Dr. J. Ravi Kumar, Asst. Prof, Dept. Of ECE, NITW	16 th and 17 th Sep,2016
51	Dr. P.Trimurthy, Professor, former president, CSI Mr. Kanchibhotla Raju, Vice President ,CSI Mr. P.Krishna Prasad, Student coordinator, CSI	28 th Sep 2016

52	Team from Next Gen Corporation Mr. Subhash (Software engineer, Tech Lead), Mr. Rishi RatanTeja, Software Enginner, Mr. N. Swaroop, Bussiness Analyst, Ms. V. Mounica, Software Engineer, Ms. K. Gayatri, Software Enginner, Ms. M.Suneetha, Software Enginner.	3 rd Oct 2016 to 20 th Oct 2016
53	Dr.Rashmi Ranjan Rout, Assistant professor, Dept. of CSE, NIT Warangal	15 th Oct 2016 to 20 th Oct 2016
54	Mr. I.N.Murty, CEO of Leva Solutions, Bangalore	17 th Oct 2016
55	Dr. T. Ramakrishnudu, Assistant Professor ,NIT Warangal	17 th Oct 2016
56	Dr. S. Ravichandra, Assoc. Professor, NIT Warangal	18 th and 19 th Oct 2016
57	Dr. Ch Sudhakar,Assistant Professor, NIT Warangal,	18 th Oct 2016
58	Dr. D.V.L.N. Somayajulu, CSE Dept. NIT Warangal	20 th Oct 2016

No. of Workshops/Training Programmes/Sensitization Programmes conducted/organized by the Institution - 47

3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated -

There are 11 collaborations have actually resulted in formal MoUs and agreements.

a) Curriculum development/enrichment

The Institute follows the syllabus framed by JNTUK .

b) Internship/ On-the-job training :

Institute makes facilities for arranging summer training at various corporate houses as a regular practice. Panchayat Raj, SV Constructions Pvt.Ltd, BHEL, HAL are few organizations which offered Internships for the students.

b) Consultancy

The Institution utilizes the services of consultancy for student's placements.

c) Extension

The Institution works in active collaboration arrangement with Social Service Organization for performing extension activities.

d) Publication

The Management encourages faculty members and the students to publish various research papers and articles at various National and International Journals and Conferences in India and Abroad by providing 50% publication Charges. Faculty members Mr.A.V .Raghava Rao, Dr.Ch.Aruna from CSE Department attended and presented papers at various other countries like Malaysia, Thailand, Singapore, Canada etc.,

e) **Student Placement**

Esteemed organizations like NTT Data, Divami, TCS, Infosys, Mindtree, Sasken, Amarraja , Glenwood Systems, Magna Infotech, Yardstick, Pilog, Jasmine Infotech, Jagrati, etc.,regularly visit our campus for providing students placements regularly.

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations.

The Institution inculcated a habit among the departments to invite personnel from industries. The governing council of the college meets and shares the ways and means of integrating the inclusive growth with collaborators in addition to other constructive measures. HODs are exposed on the needs of linking department with other industries. Experts from industries are invited to deliver lectures for the students on the latest developments in the industries and industrial requirements. The linkages established with such industries help the institution to sign an MOU. Industrial visits, in-plant training, internship, projects and placements are arranged for the students in such industries. For this **Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.**

The Organization is keen to undertake the services which are in an early stage of development. Each Department is utilizing the resources available for the purpose of consultancy activities and motivating the students and faculty members towards research. The consultancy brochures of each department are as follows.




Brochure of EEE Department

The institution allows consultancy works to be carried out without side agencies/ industries to provide solution to industrial problems through shearing of expertise


EEE DEPARTMENT
List of board areas
And
Major consultancy services provided by the institution

Analyze sequence component of alternator




SEQUENCE COMPONENT OF ALTERNATOR

Testing of insulation of oils used in transformers




OIL TEST KIT CAPACITY 60KC


Measurement of ABCD parameters of medium & long transmission lines



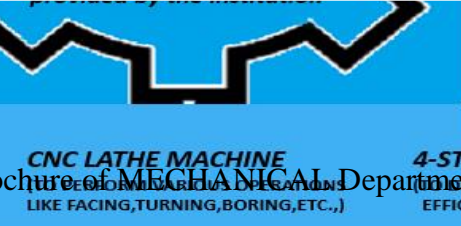
Power analyzer measures voltage current power THD




(TO DETERMINE THE HEAT TRANSFER COEFFICIENT)



CNC LATHE MACHINE
(FOR TURNING, DRILLING, LIKE FACING, TURNING, BORING, ETC.,)



4-STROKE DIESEL ENGINE
(TO DETERMINE THE THERMAL EFFICIENCY OF A DIESEL ENGINE)



In association with IRF(International Research Forum) the Institute is organizing an International conference on 11th and 12th November,2016.

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11th & 12th November, 2016


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CRITERION -4

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 PHYSICAL FACILITIES

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

KITS follows simple policies and procedures. The procedures are used to continuously improve the infrastructure laboratory equipment, built-up space etc. Further, it appoints qualified staff with a view to enhance the teaching and learning processes. The college enhances infrastructure at the lab regularly based on change in regulations, intake of strength and syllabus. All the laboratories and equipments are improved as per requirements. The policies of the college are:

- Provides the best in engineering education.
- Located in a pollution free environment.
- The faculty is of the best in its class
- Laboratories with Latest sophisticated equipment.
- Well stocked and fully computerized library.
- Air conditioned internet facility.
- An atmosphere that works best for a student's overall development.
- Personality development, Training & Placement.
- Provision of all the basic amenities within the campus.
- Encouraging extracurricular activities amongst students.
- Top of the line sports facilities.
- Provides Wi-Fi ready campus.

To this end, the colleges pursues continuous development of infrastructure and add state-of-the-art equipment to provide the students a technologically up-to-date and intellectually inspiring environment of learning, research, creativity, innovation and professional activity and inculcate in them ethical and moral values. The College serves the state, the nation, and the world by graduating talented engineers and disseminating technical knowledge among them. The college believes in educating people with the necessary skills to advance their career in engineering.

The college believes in the discovery of new knowledge through innovative research that encourages entrepreneurship and economic development to benefit the global society. It believes in inclusiveness and collaboration on a worldwide basis. The college teaches and follows ethical and environmentally responsible engineering practices.

Department concerned should fill up the requisition form in the given format with details of requirement and suppliers and it should be submitted to purchase officer through HOD and then to

principal's office. The following files should be maintained at department along with separate stock registers for consumable and non-consumable materials:

- Indent form
- Enquiry for quotations
- Comparative statements with quotations
- Purchase order
- Invoice (photocopy)
- Receipts (photocopy)

After verification by the purchase officer, the proposal containing requisition and comparative statements should be put up in the meeting for final approval. Purchase order should be prepared based on final approval and photocopy of the same should be sent to AO/Accountant. Files containing the copies of the following should be maintained at Administrative office along with payment register:

- Purchase order
- Invoice & receipts

4.1.2 Detail the facilities available for

a) Curricular and co-curricular activities—classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching ,learning and research etc.

Details of classrooms, tutorials, seminar halls, library and laboratories:

Particulars	Number of Rooms
Class Rooms	36
Tutorial Rooms	22
Drawing Halls	2
Seminar Halls	3
All Laboratories	26
Workshops	1

Table: 4.1.2.1 Details of classrooms, tutorials, seminar halls, library and laboratories

AMENITIES AREA

S.No	Room Type	Area of Room in Sq.m
1	Toilet	405.36
2	Girls Common Room	101.37
3	Cafeteria	168.92

4	Stationery Store	33.78
5	First aid cum Sick Room	16.89

Table: 4.1.2.2 Amenities Area

Class Rooms:

For conducting theory classes (Lectures and Tutorials), the following provision has been made in the college... This space is also used for conducting the theory examinations.



Figure: 4.1.2.1 Classrooms

All the classrooms are in equal dimensions with area 67.57 sq. mats

S.No	Room No	Room Type	Carpet Area in Sq .mt.
1	104	CIVIL CLASS ROOM-1	67.57
2	107	CIVIL CLASS ROOM-2	67.57
3	318	CIVIL CLASS ROOM-3	67.57
4	319	CIVIL CLASS ROOM-4	67.57
5	316	CIVIL CLASS ROOM-5	67.57
6	317	CIVIL CLASS ROOM-6	67.57
7	100D	EEE CLASS ROOM -1	67.57
8	300B	EEE CLASS ROOM -2	67.57
9	312	EEE CLASS ROOM -3	67.57
10	125	MECH CLASS ROOM-1	67.57
11	18	MECH CLASS ROOM-2	67.57
12	19	MECH CLASS ROOM-3	67.57
13	10	MECH CLASS ROOM-4	67.57
14	24	MECH CLASS ROOM-5	67.57
15	8	MECH CLASS ROOM-6	67.57
16	101	ECE CLASS ROOM -1	67.57
17	102	ECE CLASS ROOM -2	67.57
18	103	ECE CLASS ROOM -3	67.57
19	200A	ECE CLASS ROOM -4	67.57
20	200B	ECE CLASS ROOM -5	67.57
21	209	ECE CLASS ROOM -6	67.57

22	202	ECE CLASS ROOM -7	67.57
23	203	ECE CLASS ROOM -8	67.57
24	203A	ECE CLASS ROOM -9	67.57
25	100A	CSE CLASS ROOM-1	67.57
26	100B	CSE CLASS ROOM-2	67.57
27	100C	CSE CLASS ROOM-3	67.57
28	222	CSE CLASS ROOM-4	67.57
29	223	CSE CLASS ROOM-5	67.57
30	224	CSE CLASS ROOM-6	67.57
31	215	CSE CLASS ROOM-7	67.57
32	218	CSE CLASS ROOM-8	67.57
33	221	CSE CLASS ROOM-9	67.57
34	300C	MBA CLASS ROOM-1	67.57
35	300D	MBA CLASS ROOM-2	67.57
36	300E	MBA CLASS ROOM-3	67.57

Table: 4.1.2.3 Class Rooms

Tutorial Rooms:

Sno	Room No	Room Type	Carpet Area in Sq .mt.
1	313	CIVIL TUTORIAL ROOM-1	33.79
2	313A	CIVIL TUTORIAL ROOM-2	33.79
3	314	CIVIL TUTORIAL ROOM-3	33.79
4	314A	CIVIL TUTORIAL ROOM-4	33.79
5	305	EEE TUTORIAL ROOM-1	33.79
6	305A	EEE TUTORIAL ROOM-2	33.79
7	9	MECH TUTORIAL ROOM-1	33.79
8	9A	MECH TUTORIAL ROOM-2	33.79
9	204	ECE TUTORIAL ROOM-1	33.79
10	204A	ECE TUTORIAL ROOM-2	33.79
11	205	ECE TUTORIAL ROOM-3	33.79
12	205A	ECE TUTORIAL ROOM-4	33.79
13	111	CSE TUTORIAL ROOM-1	33.79
14	111A	CSE TUTORIAL ROOM-2	33.79
15	112	CSE TUTORIAL ROOM-3	33.79
16	112A	CSE TUTORIAL ROOM-4	33.79
17	201	MBA TUTORIAL ROOM-1	33.79
18	201A	MBA TUTORIAL ROOM-2	33.79
19	113	PG TUTORIAL ROOM-1	33.79
20	113A	PG TUTORIAL ROOM-2	33.79
21	200E	PG TUTORIAL ROOM-3	33.79
22	124A	PG TUTORIAL ROOM-4	33.79

Table: 4.1.2.4 Tutorial Rooms

Laboratories:

All laboratories are well equipped, and well maintained not only for carrying out Curriculum-oriented lab practices but also to carry out research activities.



Figure: 4.1.2.2 Laboratories

Sno	Room No	LAB NAME	Carpet Area in Sq .mt.
1	SHED-1	GEO TECHNICAL ENGINEERING LAB	119.2
2	SHED-1	SERVEYING LAB	30.8
3	SHED-1	CONCRETE TECHNOLOGY AND SM LAB	130
4	20	FM HM LAB	135.16
5	1	ELECTRICAL MACHINES-1 LAB	101.37
6	2	ELECTRICAL MACHINES-2 LAB	101.37
7	301	POWER SYSTEMS LAB	101.37
8	303	POWER ELECTROICS LAB	101.37
9	227	AUTOCAD LAB	135.16
10	SHED-2	THERMAL ENGINEERING LAB	156
11	SHED-2	MACHINE TOOLS LAB	185
12	121	HEAT TRANSFOR LAB	101.37
13	122	METROLOGY & INSTRUMENTATION LAB	101.37
14	123	METALLURGY LAB	101.37
15	207	ANALOG AND DIGITAL COMMUNICATION LAB	101.37

16	306	PDC/ IC LAB	101.37
17	307	EDC LAB	101.37
18	308	MWE LAB	101.37
19	200D	COMPUTER LAB-5	135.16
20	304	MIRCO PROCESSOR LAB	67.57
21	13	COMPUTER LAB-1	202.68
22	213	COMPUTER LAB-2	135.12
23	311	COMPUTER LAB-3	168.9
24	118	PHYSICS LAB	101.37
25	119	CHEMISTRY LAB	101.37
26	15	ENGLISH COMMUNICATION LAB-1	135.16

Table: 4.1.2.5 Laboratories

Drawing Hall:

Room No	LAB NAME	Carpet Area in Sq .mt.
225 (DH-1)	DRAWING HALL-1	135.14
226 (DH-2)	DRAWING HALL-2	135.14

Table: 4.1.2.6 drawing hall

Research Laboratory:

Room No	LAB NAME	Carpet Area in Sq.mt.
227	CIVIL RESEARCH LAB	135.14
110	EEE RESEARCH LAB	67.57
227	MECH RESEARCH LAB	135.14
110	ECE RESEARCH LAB	67.57
114	CSE RESEARCH LAB	101.37

Table: 4.1.2.7 Research Laboratory

Administrative Area:

S.No	Room Type	Area of Room in Sq.mt
1	Board Room	67.57
2	Principal Directors Office	67.57
3	Office All Inclusive	202.74
4	Exam Control Office	67.57
5	Central Store	33.79
6	Cabin for Head of Department	236.53
7	Faculty Room	371.69
8	Placement Office	67.57
9	Security	27
10	Housekeeping	27

Table: 4.1.2.8 Administrative Area**Seminar Hall:**

The seminar hall is used for conducting meetings of recurring nature with focus on a particular subject each time. Participants are requested to actively involved in the meetings, seminars etc conducted in the seminar hall.

S.NO	NAME	AREA in Sq.mt
1	Seminar Hall-1	135.16
2	Seminar Hall-2	168.95
3	Seminar Hall-3	101.37

Table: 4.1.2.9 Seminar Hall**Workshop:**

ROOM NO	NAME	AREA in Sq.mt
WS-01	Workshop	130

Table: 4.1.2.10 Workshops**E-class rooms:**

Sno	Room No	Room Type	Carpet Area in Sq .mt.
1	314	Civil E-Class Room	67.57
2	300B	EEE- E-Class Room	67.57
3	10	Mech- E-Class Room	67.57
4	205	ECE- E-Class Room	67.57
5	215	CSE- E-Class Room	67.57
6	300E	MBA- E-Class Room	67.57

ATM:

The college campus has a white label ATM which belongs to Indi Cash by Tata Communications Payment Solutions Limited (TCPSL). Indi Cash has been operating 24-hours ATM facility inside the college campus. All the students and staff members can utilize the facility. Hence, money withdrawal is carried on with ease.

**Figure: 4.1.2.3 ATM**

Convenience Shop:

There is a reasonably stocked Convenience Shop which consists items of daily use, Bakery items and ready-to-eat snacks.



Figure: 4.1.2.4 Convenience shop

Canteen:

The canteen in the campus is a place for homely atmosphere. The food is prepared and served there with greater care and devotion under hygienic conditions. Canteen serves freshly prepared snacks, tea, coffee, breakfast and lunch. It remains opened up to 3.40 PM



Figure: 4.1.2.5 Canteen

Transportation Facility:

The objective of transport department is to provide affordable & timely transportation service to students and staff members. It operates a fleet of 22 buses to provide a smooth glitches transportation for the students and staff from every important place in Guntur.



Figure: 4.1.2.6 Transport

b) **Extra-curricular activities—sports, outdoor and indoor games, NSS, cultural activities, Public speaking, communication skills development (E-CELL, LEAD, SELF & WE).**

SPORTS AND GAMES:

- KITS College promotes sports and games for enhancing the physical and psychological development of students.
- Sports & Games are organized regularly in the college to develop team spirit, leadership qualities and organizing abilities among the students
- A full time qualified Physical Director was appointed to look after the day-today games and sports activities of the college
- Mr.K.VenkataRao is Physical Director of KITS
- The outdoor games such as volley ball, kho-kho, cricket, kabaddi, tennicoit etc. are also organized.

Outdoor games:

S.no	Game	Courts	Arae in Sq.mt	Facilities
1	Tennikoit	3	66.91	20 rings
2	Throw ball	1	223.05	6 balls
3	Volleyball	3	162.00	10 balls
4	Shuttle	1	74.35	4-rockets
				Cocks-200
5	Football court	1	8000.00	2- footballs
6	Cricket field	1	13266.50	Kits available
7	Cricket nets		44.61	2
8	Long jump pit	1	27	
9	Running		400 meters	Shot put-3

			running track	Disk through-2
				Javelin-1
10	Kho-Kho	1	376	
11	Kabaddi	1	130	

Table: 4.1.2.11 Outdoor games

Total playground area: 6 acres

Indoor games:

S.no	Game	Courts	Area	Facilities
1	Chess	10	...	10-sets

Table: 4.1.2.12 Indoor games

National Service Scheme (NSS): This unit was established on 24-09-2015 with an objective to cultivate the attitude of social service in the minds of students and to make them into responsible citizens.

Faculty coordinator : Mr.A.VeeraRaghavaRao

Student head coordinator : Mr.G.Tejeswar Reddy

CULTURAL ACTIVITIES:

KITS conducts the various cultural activities like Annual day, Fresher's day, and a national level fest KITS YUVA in which students explore their talents. The students participate with zeal in many cultural activities. These Activities helps to build communities by fostering an appreciation for the arts

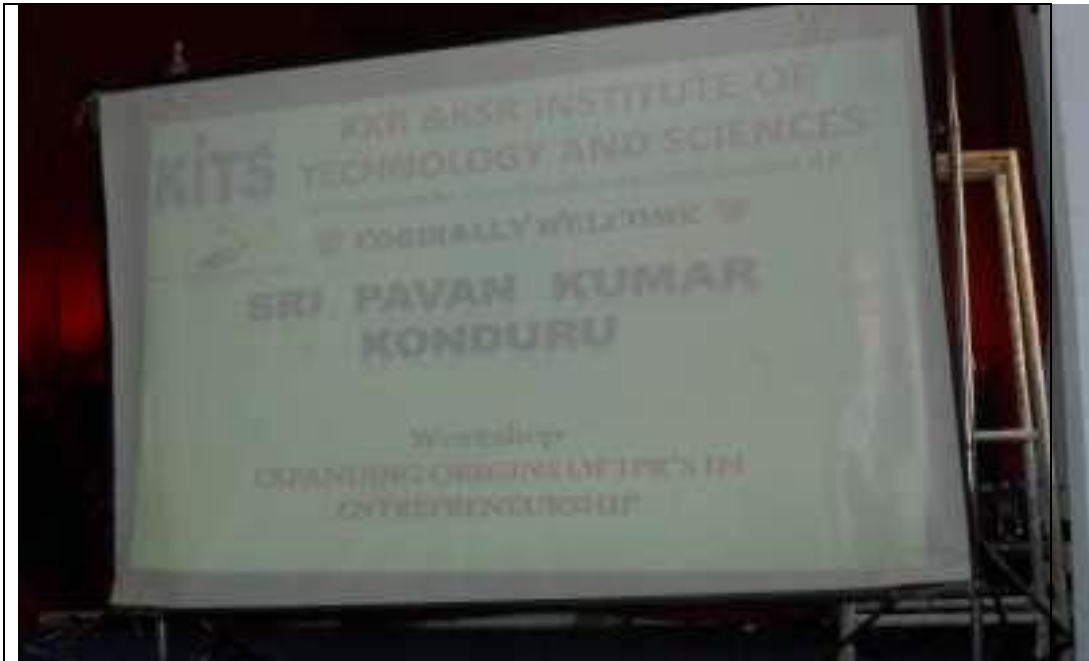
COMMUNICATION SKILLS DEVELOPMENT

E-CELL (ENTREPRENEURSHIP-CELL)

The E-cell undertakes various programs like Disha, Aikya, Trinity, Expanding origins of IPR in entrepreneurship capacity etc.

Vision: To act as a guide to students and develop creative ideas among students so that they can be transformed into successful entrepreneurs.

Mission: To develop the entrepreneurship skills among the students by organizing workshops and lectures to create awareness about entrepreneurship.



Expanding origins of IPR's in entrepreneurship



Interaction with students by Chukkapalli Rakesh

Figure: 4.1.2.7 E-cell



Introduction of entrepreneurship to juniors

Figure: 4.1.2.8 Introduction of entrepreneurship to juniors

SELF (Speak English Language Fluently)

SELF is a program arranged for the 3rd year engineering students to promote the communicational skills. It consists of Masters and Mentors from different branches of the 3rd year engineering students. SELF means ‘Speaking English Language Fluently’. Communication is a part of life’s moments. Communication is like Oxygen for a student’s life. The ‘SELF’ program helps the students to undergo practice various dimensions of the events and exercises, this program which gives them real time for learning and experience. Especially through this program, SELF, students are given training on honing their employable and communicational skills to avoid the gap between industry and academic strategies.

Vision: To develop the employable skills of the students in view of the global competition.

Mission: Conducting with appropriate events to meet the requirements of the global competition (GD, JAM, and SPOKEN ENGLISH).

LEAD (LEARN ENGLISH AND DRIVE)

The first of its kind and the very first English organization in this college is supported straightly by the chairman with the help of secretary and principal along with cooperation of faculty to improve the communication skills of students for a brighter tomorrow.



Figure: 4.1.2.9 LEAD

WE (WORLD OF ENGLISH)

This is an intertwined organization to lead, which is sort of “TRAIN THE TRAINER“ program where all masters and members gather to do the activities. It is a raised platform accommodated by this college to enhance the professional attitude that augments self confidence and gears up the fluency of English language.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

The college is all prepared for the additional intake as it is designed keeping in view the future necessities. To this end, it will pursue continuous development of infrastructure and enhance state-of-the art equipment to provide the students a technologically up-to-date and intellectually inspiring environment of learning and research and also to inculcate in them ethical and moral values.

Amount spent for maintenance of facilities during the last five years

YEAR	Amount spent for maintenance of facilities during the last five years						
	Building	Equipm ent	Furniture	Computers (software)	Vehicles Maintena nce	Others	Total
2015-16	706226	159446	757973	244880	8079612	17824564	27772701
2014-15	317590	144949	353936	166820	8776441	18967354	28727090
2013-14	154339	196467	254584	221276	5950175	18631705	25408546
2012-13	316810	124985	202641	128450	4919086	10822022	16513994
2011-12	296652	313302	214751	1104257	3386187	15086849	20401998

Table: 4.1.3.1 Amount spent for maintenance of facilities during the last five years



Figure: 4.1.3.1 Layout

The following is the sample occupancy chart of computer lab-II

Lab Occupancy Chart:

KITS **KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES**
 Approved by AICTE, New Delhi, Affiliated to JNTU Kakinada
 DEPARTMENT OF CSE

ROOM NO:213 II LAB TIME TABLE/SECOND FLOOR ACADEMIC YEAR:2016-2017 SEM: I w.e.f : 13-06-2016

CSE	8:10-9.00	9:00-9:50	9.50 - 10.40	10.40 - 11.30	11.30-12.20	12.20 - 1.10	1.10 - 2.00	2.00 - 2.50	2.50 - 3.40	3.40 - 4.30	4.30 - 5.20
MON			II-CSE I (C++ LAB)		I ME-II CP LAB		L U N C H	I CE-I CP LAB	I ECE-I CP LAB		
TUE			I CSE-III CP LAB		I CE-II CP LAB			I ME-I CP LAB	I CSE-I CP LAB		
WED			I CSE-II CP LAB		I ME-I CP LAB				I ECE-III CP LAB		
THU			CSE - II LAB					I ME-II CP LAB	I EEE CP LAB		
FRI			I ECE-II CP LAB		I CE-I CP LAB				I CSE-III CP LAB		
SAT	LAB MAINTAINANCE		I CSE-I CP LAB		I EEE CP LAB			I CE-II CP LAB			

II CSE - IC++ LAB M.RAM KUMAR I ECE - III&EEE V.N.V.SWATHI LAB INCHARGE LAB SUPPORTING FACULTY LAB TECHNICIAN
 I CSE - I CP LAB D.JHANSI RANI I ME-I,II CP LAI SK.SHAMMI MUNNISA D.JHANSI RANI SK.SHAMMI MUNNISA SK.ANEEFA
 I CSE -II,III CP LAB M.MALLIKARIJUN I CE - I,II CP LA K.JEEVAN RATENAKAR
 I ECE-I,II CP LAB G.ANUPAMA
 PRINCIPAL HOD::CSE Time Table LC

Figure: 4.1.3.2 Computer Lab-II Occupancy Chart

The college maintaining student log in registers for the every lab and library. Every student has to sign on before entering the lab and leaving the lab along with the log in and log out timings.

KITS KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES VINJANAMPADU, GUNTUR-522 017					
GATE REGISTER					69
Sl. No.	NAME OF THE STUDENT	Department	In Time	Out Time	Signature
433	G. Lakshmi Prasanna	13/422	4:35	5:20	G. Lakshmi Prasanna
434	Ch. Gayathri	13/423	4:35	5:20	Ch. Gayathri
435	D. Ratna Dev Singh	13/441	4:35	5:20	D. Ratna Dev Singh
436	K. Rohini Kumar	13/442	4:35	5:20	K. Rohini Kumar
437	Vishnu Varan Reddy	13/443	4:35	5:20	Vishnu Varan Reddy
438	Ch. Pavan Kumar	13/440	4:35	5:20	Ch. Pavan Kumar
439	G. Kote Naga Hanthar	13/443	4:35	5:20	G. Kote Naga Hanthar
440	A. Subba Reddy	13/421	4:35	5:20	A. Subba Reddy
441	K. Dileep	13/447	4:35	5:20	K. Dileep
442	G. Pujitha	13/422	"	"	G. Pujitha
443	G. Divyanshu	13/424	"	"	G. Divyanshu
444	B. Soujanya	13/409	"	"	B. Soujanya
445	G. Manasa	13/421	"	"	G. Manasa
446	G. V. N. L. Manika	13/422	"	"	G. V. N. L. Manika
447	Ch. Padma Priya	13/413	"	"	Ch. Padma Priya
448	A. L. Tirupathi amma	13/403	"	"	A. L. Tirupathi amma
449	B. Lakshmi Sarika	13/407	"	"	B. Lakshmi Sarika
450	B. Soujanya Lakshmi	13/408	"	"	B. Soujanya Lakshmi
451	Ch. Manika	13/415	"	"	Ch. Manika
452	Ch. Bhagyavathi	13/414	"	"	Ch. Bhagyavathi
453	A. Venkatesh Babu	13/405	"	"	A. Venkatesh Babu
454	A. Blessy	13/404	"	"	A. Blessy
455	A. Akshaya	13/401	"	"	A. Akshaya

Figure: 4.1.3.5 Gate Register

KITS 70 KKR & KSR INSTITUTE OF TECHNOLOGY & S VINJANAMPADU, GUNTUR-522 017				
GATE REGISTER				
Sl. No.	NAME OF THE STUDENT	Department	In Time	Out Time
460	D. Jayathirmai	13/418	4:35	5:20
461	D. Yeleswari	13/409	4:35	5:20
462	M. Sakithi	14/406	4:35	5:20
463	M. Bindu	14/405	4:30	5:20
464	B. Hema	14/401	4:30	5:20
465	M. Thirumala Gayathri	14/404	4:30	5:20
466	D. Rajkanya	14/402	4:30	5:20
<u>23/02/16</u>				
1	P. Sai Shavan	15/589	9:40	10:00
2	G. Haritha	13/107	9:55	10:00
3	G. Vineetha	13/106	"	"
4	Ch. Mahesh	13/523	11:30	11:55
5	V. Divya	12/216	"	"
6	M. Kanya	12/468	"	"
7	T.V. Sri Madhavi	12/401	"	"

Figure: 4.1.3.6 Gate Register

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

- The college has taken care of physically disabled students.
- One Lift is provided. There is a provision made for the 2nd one.
- Two Wheel chairs are provided.



Wheel chair

Lift

4.1.5 Give details on the residential facility and various provisions available within them:

Internet and Wi-Fi facility	YES
Recreational facility-common room with audio-visual equipments	YES
Security	YES

Internet and Wi-Fi facility:



- Internet Service is available for both faculty and students in the campus.
- All the departmental computer labs are provided with internet facility.
- 16 systems are provided with internet facility in the Digital library.
- The College provides internet facility to staff members at the respective departments in order to access the required study material from available E-resources and present them as part of their teaching process.
- The principal’s office, Administrative office, Examination Section, Training and placement cell and Senior Faculty member cabin are provided with internet Facility.
- Wi-Fi Connectivity is available in around the campus.
- Un-interrupted power supply is made available in the campus so that the students and staff can access the internet without any interruption.

Specifications:

Internet Provider: BSNL Broad Band Ltd., Blue web Internet services.

Total Band width: 84 Mbps leased line connections.

Recreational facility-audio-visual equipments:

The college provides audio & video visual system which caters to the needs of both the faculty and students to organize or experience various online classes , programs and regular classes. An LCD TV and screen, good sound system is provided here with latest updations of technology.



AUDIO –VISUAL SYSTEM

Security:

The college has been maintaining security force since college establishment with six numbers. The following is the list of security force.

S.NO	NAME OF THE SECURITY
1	M.Arun
2	R.Sagar
3	S.Barman
4	S.Akho
5	N.Prasanth
6	D.Deka



4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

Facilities available:
<p>1) The college provides primary medical facility. G.Rama Swami as doctor visiting every day between 1.10pm-2.00pm.</p> <p>2) Full time Nurse is available on the campus.</p> <p>3) Availability of First-aid units are made available</p>



KITS-EMERGENCY MEDICAL CARE


The following is the list of medical utensils

S.NO.	NAME OF MEDICAL UTENSILS
1	Thermometer
2	Safety pins, for pinning bandages.
3	2 absorbent compress dressings (5 x 9 inches)
4	25 adhesive bandages (assorted sizes)
5	1 adhesive cloth tape (10 yards x 1 inch)
6	5 antibiotic ointment packets (approximately 1 gram)
7	5 antiseptic wipe packets
8	2 packets of aspirin (81 mg each)
9	1 instant cold compress
10	2 pair of nonlatex gloves (size: large)
11	2 hydrocortisone ointment packets (approximately 1 gram each)
12	1 roller bandage (3 inches wide)
13	1 roller bandage (4 inches wide)
14	5 sterile gauze pads (4 x 4 inches)
15	Oral thermometer (non-mercury/nonglass)

16	2 triangular bandages
17	Tweezers
18	Scissors
19	Weighing machine
20	BP check Machine
21	Two Resting Bed Rooms
22	1 breathing barrier (with one-way valve)

KITS –EMERGENCY

The college provides precautionary measures at the time of emergency for staff and students , An emergency vehicle is also provided to take them to the hospital .

<p>The college provides the needed medical aid to the students as well as staff members. The consultant doctor is Dr. Posani Srinivasa Rao and his hospital is located in old bank road of kothapet . The contact numbers is 0863-2233622</p>	
SRAVANI HOSPITAL-KOTHAPET	

4.1.7 Give details of the Common Facilities available on the campus–spaces for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

S.No	Name of the facility	Availability
1	Counseling and Career Guidance	Yes
2	Placement Unit	Yes
3	Water facility	Yes
4	Canteen	Yes
5	Seminar hall	Yes
6	Convenience shop	Yes
7	Grievance Redressal Cell	Yes

Counseling Process:

Counseling and Guidance Cell provides training to students on personality development Skills

Counseling procedure

- A group of 5 students are assigned to the Faculty members from each year to coordinate the counseling sessions in a commendable manner, in the H.O.D room only according to the Time table.
- In a week an hour is scheduled for counseling the students, respective class incharges take the responsibilities to conduct the counseling sessions.
- They interact with the students in a group and individual when needed.
- They come to know of the grievances brought by the students and try to solve them by taking it to the notice of the concerned.
- They intimately counsel them regarding their difficulty in the subject; inconveniences caused of any discipline and assure them of their smooth tenure at the campus.
- They assure them of their problems of any kind resolved effectively.
- The regular conduction of counseling hours enables the Faculty to be in close association with the student to mould their carrier on a right path.
- These sessions are helpful for the students to be away from all sorts of prejudices and continue their studies in a very hospitable environment.
- The Faculty gets the complete picture of the students profile and responds accordingly at the needy times. The counseling procedure also enables the Faculty to interact with their parents leaving them a homely atmosphere at the campus.



COUNSELLING

Career Guidance:

Career Guidance & Entrepreneurship Cell of this college provides guidance and all the assistance for the students in order to achieve their career goals. The unit takes right steps in identifying the demands of the current industry and prepares our students towards this need. Adequate emphasis is given for soft skill development

Complementing the regular academic programs.

Aptitude tests and group discussions are conducted at regular intervals to enable the students to improve their performance in competitive exams. The Placement Officer who is assisted by faculty and student representatives from all the departments heads this unit. Job oriented courses and special training programs are regularly conducted. KITS also welcomes guest lectures, visiting faculty members for training students and faculty members too.



KITS – USEFUL CAREER GUIDANCE TO THE STUDENTS

KITS – Self Study Report

- Students will be counseled at least once in a fortnight.
- Every Counselor is associated with 20 students. The Counselor discusses with the Parents of the wards, if needed, all proceedings of the counseling shall be recorded and signatures of participants shall be taken.
- The College also conducts Orientation programs to students by external agencies



KITS- SELF STUDY CENTRE

PLACEMENT UNIT:

Training and Placement Cell, Career Guidance and Entrepreneurship Development Cell Conduct various training and awareness development programs from time to time in order to Provide right direction for the students in their careers. This hall is equipped with LCD projector, Audio-video facilities and a white board for conducting training programs and stimulating discussions. Training& placement cell with capacity of 67.57sq.mt and with well qualified staff members

The following is the list of Training& placement members

S.NO.	NAME OF THE EXPERT
1	Mr. Ch.Chandra Sekhar Reddy
2	Mr. A.Syam Prasad
3	Mr. Sk.Abdul Vali
4	Mr. V.Venkata Reddy
5	Mr. P.Venkateswara Rao
6	Ms.M.R.Hima Bindu
7	Mr. G. Hema Chandra Sekhar
8	Mrs.N.Rama Devi



Water Facility

- Providing Mineral Water for Drinking at each floor of the college.
- Each Water Refrigerator having the Capacity of 180 liters.
- For hand Wash purpose we arranged Wash Basins in each of every floor.



Drinking Water Facility at Various floors of the college

Convenience Shop:

There is a reasonably stocked Convenience Shop which consists items of daily use, Bakery items and ready-to-eat snacks.



Convenience Shop

Canteen:

The canteen in the campus is a place for homely atmosphere. The food is prepared and served there with greater care and devotion under hygienic conditions. Canteen serves freshly prepared snacks, tea, coffee, breakfast and Lunch. It remains open up to 3.40 PM



Canteen

KITS-SEMINAR HALL:

Four air conditioned seminar halls with minimum of 300 seating capacity each are available in the campus. They are well equipped with audio and visual systems Events such as small meetings, intra department level seminars, Faculty development programmers etc.

S.NO	NAME	AREA in Sq.mt
1	Seminar Hall-1	135.16
2	Seminar Hall-2	168.95
3	Seminar Hall-3	101.37



KITS –SEMINAR HALL

4.2. LIBRARY AS A LEARNING RESOURCE

An Overview of the Library

S.No.	Description	Particulars
1	Carpet area of the Library	10000 Sq.ft
2	Reading Space	5000 Sq.ft.
3	Number of Seats in reading space	300
4	Number of visitors per month	4340
5	Number of Users Issue & Returns per day	5346

Self Study Report

6	Timings	8-00 A.M. to 6-00 P.M.
7	Number of Library Staff	5
8	Number of Library Staff with degree in library	Two
9	Computerization for search, indexing issue /return	YES, E-Z LIBRARY
10	Barcoding used	YES
11	Library service on internet/ intranet	YES
12	INDEST or other similar membership	DELNET
13	NPTEL and other multimedia courses	YES
14	No. of Volumes	20239
15	No. of Titles	3391
16	No. of Reference books	2053
18	Print Journals	125
19	Back Volumes	652
20	Project Reports	804
21	CD ROMs	2302
22	E-Books	200
23	Digital Library	Yes
24	No. of Computers in digital library	16

No. of Titles & Volumes per year

Year	No.of Titles added	No.of New Editions added	No.of New Volumes added	No.of Reference Books added	Budget in Rs.
2015-2016	321	26	1696	85	498210
2014-2015	199	18	837	99	277385
2013-2014	424	40	2830	280	936613
2012-2013	489	12	3442	259	1001654

Journals Subscriptions data per year

Year	No.of journals & magazines	Budget	Soft copy	Budget in rs.
2015-2016	50	172792	Delnet	11,500
2014-2015	97	216693	Delnet	11,500
2013-2014	---	----	Delnet	11,500
2012-2013	53	51482	Delnet	11,500

Library Expenditure on Books & Journals :

Year	Books budget Rs.	Print journals budget	Journals soft copy	Total budget in Rs.
2015-2016	498210	172792	11500.00	682502
2014-2015	277385	216693	11500.00	505578
2013-2014	936613	----	11500.00	948113
2012-2013	1001654	51482	11500.00	1064636

Library services

1. Circulation Services
 - Books can be borrowed in automation .All the books are automated in the Library & barcode scanners are used in the circulation counter for the transaction of books.
 - Regular Books for the students, 4 books can be borrowed for a period of 15 days.
 - Books for the staff_will be provided 10 books for a period of one semester.
 2. Reference Services
 - Journals, Magazines, Project reports, Encyclopedias Dictionaries etc are available for reference purpose only inside the library.
 3. Internet facility
 - 16 computers with internet facility is exclusively available for Students and staff members
 4. E – Resources
 - NPTEL Videos, DELNET, J-Gate are available.
 5. Question papers
 - University Question papers, Gate Previous question papers are readily available
 6. Reprography Services
 - Xerox facility is available
 7. Bibliographic Services
 - A list of all Books in library is available
 8. OPAC
 - Status of Books can be easily found with software and 2 Computers systems are allotted.
- Library Committee: - The Library has advisory Committee. One staff member from each

department and student's members are in the committee.

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

- The library has an Advisory Committee.
- The Committee is intended to plan and coordinate the requisite procedures for the functioning of the library.
- It takes up the process of identifying, planning, and procurement of the books, journals, magazines etc.
- The committee takes initiative to implement the reprography services.
- It ensures the up gradation of the library to meet the requirements of the students to do research work.
- The following initiatives are taken.
 - Books are issued with the help of Barcode
 - Enhanced the number of titles and Volumes.
 - Reprography Services are provided.
 - OPAC Services are provided and E-Books are available.

LIBRARY ADVISORY COMMITTEE:

Chairman : Dr.P.Babu, Principal

Convener: Mr.Y. Rajesh Babu (EEE)

1. Mrs. R.Santhikala (Civil)
2. Mr. M.Sai Chandra Sekhar (Mech)
3. Ms. T. Bhavani (ECE)
4. Mrs. Y.Vasanthi (CSE)
5. Mrs. Sk.Rajiya Begum (Library HOD)
6. Mr. G.Madhava Rao (MBA)
7. Mr. J.S. Mallikarjun (IV-Year EEE)
8. Mr. K.Khaleed (III-Year Mech)
9. Mr. I.Ashok (III-Year EEE)
10. Ms. T.Keerthi (III-Year ECE)
11. Mr. Ch. Sasank (III-Year ECE)
12. Ms. K.L.Prasanna (III-Year ECE)
13. Ms. G.Renuka (IV-Year CSE)
14. Ms. G.Akhila (IV –Year CSE)

15. Mr. B.Srinivasa Reddy (II- Year CSE)
16. Ms. A.Harika (IV-Year Civil)
17. Ms.Md. Asma (III-Year Civil)
18. Mr. K.Ganesh (MBA)
19. Mr. K.Sai Krishna(MBA)

4.2.2 Provide details of the following:

Total area of the library (inSq.Mts.): 10000Sq.ft

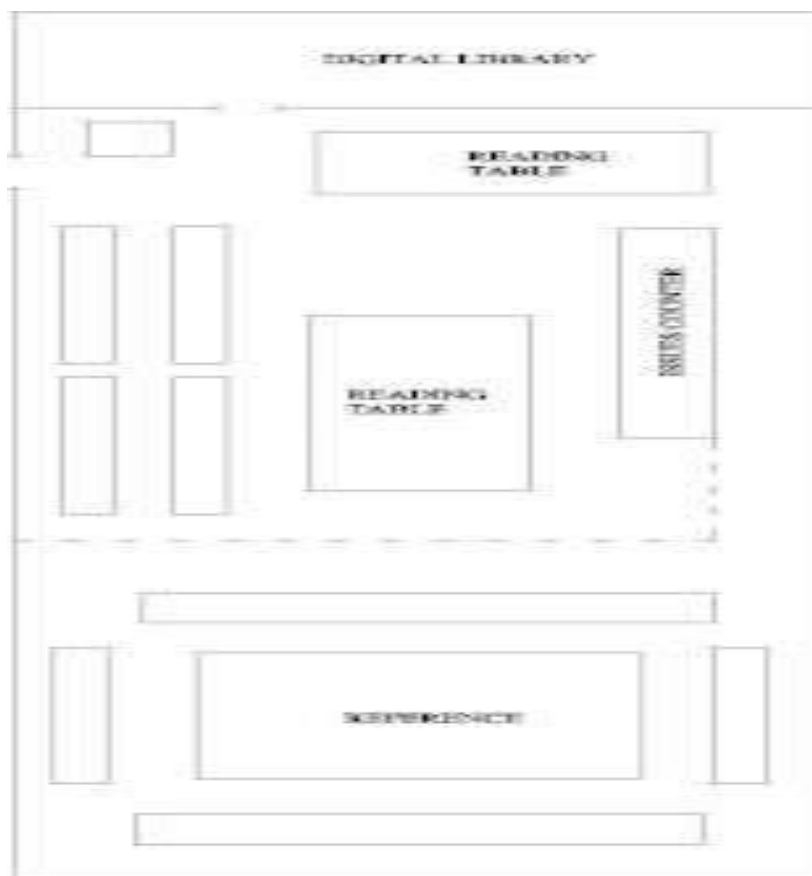
Total seating capacity: 300

Working hours (on working days, on holidays, before examination days,

During examination days, during vacation): 8.00 A.M. to 6.00 P.M.

Public Holidays : Closed

Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)



STOCK AREA**DIGITAL LIBRARY**

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

Whenever the University implements changes in the curriculum, the departments send a formal request with necessary recommendations about text books, reference books and journals. Accordingly the budget of library is allocated. During the library committee meetings developments that are required to improve the printing facility, availability of e-journals and other e-resources are discussed and modifications will be made accordingly. Details of amount spent on procuring new books, journals and e-resources during the last four years is given below

No. of Titles & Volumes per year

Year	No.of Titles added	No.of New Editions added	No.of New Volumes added	No.of Reference Books added	Budget in Rs.
2015-2016	321	26	1696	85	498210
2014-2015	199	18	837	99	277385
2013-2014	426	40	2830	280	936613
2012-2013	489	12	3442	259	1001654

Library holdings	2015-2016		2014-2015		2013-2014		2012-2013	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
Textbooks	1696	498210	837	277385	2830	936613	3442	1001654
Journals/ Periodicals	50	172792	97	216693	-----	-----	53	51482
e-resources	Delnet	11500	Delnet	11500	Delnet	11500	Delnet	11500

PERIODICALS SECTION



4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- OPAC - YES
- Electronic Resource Management package for e-journals – Delnet
- Federated searching tools to search articles in multiple databases :YES
- Library Website http://kitsguntur.ac.in/site/kitcontent.php?page_id=102
- Library automation -YES, barcodes
- Total number of computers for public access 16
- Internet is available
- Institutional Repository - YES
- Content management system for e-learning-YES

4.2.5 Provide details on the following items:

- Average number of walk-ins per month : 4340
- Average number of books issued /returned per month :5346
- Ratio of library books to students enrolled :11.1

- Average number of books added during last three years : 1787
- Average number of login to e-resources : 243
- Number of information literacy trainings organized : 4
- Details of “weeding out” of books and other materials : YES

4.2.6 Give details of the specialized services provided by the library

- Manuscripts: YES
- Reference : YES
- Reprography: YES
- ILL (Inter Library Loan Service): YES
- Information deployment and notification (Information Deployment and Notification) :YES
(Notice Boards)
- Download : YES
- Printing :YES
- Reading list /Bibliography compilation :YES
- In-house /remote access to e-resources :YES
- User Orientation and awareness :YES
- Assistance in searching Databases :YES

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

1. Circulation Services

- Books can be borrowed in automation .All the books are automated in the Library & barcode scanners are used in the circulation counter for the transaction of books.
- Regular Books for the students, 4 books can be borrowed for a period of 15 days.
- Books for the staff_will be provided 10 books for a period of one semester.

2. Reference Services

- Journals, Magazines, Project reports, Encyclopedias Dictionaries, etc are available for reference purpose only inside the library.

3. Internet facility

- 16 computer systems with internet is exclusively available for Students and staff members

4. E – Resources

- NPTEL Videos, DELNET, J-Gate are available.

5. Question papers

- University Question papers, Gate Previous question papers are readily available

6. Reprography Services

➤ Xerox facility is available

7. Bibliographic Services

➤ A list of all Books in library is available

8. OPAC

➤ Status of Books can be easily found with software and 2 Computers systems are allotted.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

Staff are arranged to help the Physically Challenged Persons. Till date there are no physically challenged students in our college.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

➤ Yes, a feed back / suggestions/complaints box is kept in the library to get feedback from staff and students at any point of time.

➤ Any useful suggestion or complaint received is analyzed and finalized by the committee.

4.3 IT INFRASTRUCTURE

4.3.1. Give details on the computing facility available (hardware and software) at the Institution.

1. Number of computers with Configuration (provide actual number with exact configuration of each available system)

S.No.	No. of Systems	System Configuration	Supplier Name
1.	100	Core 2 Duo 2.4 GHz 1 GB RAM, 160 GB HDD	HP Systems
2.	130	Core 2 Duo 2.8 GHz 2 GB RAM, 320 GB HDD	Lenovo Systems
3.	100	Core 2 Duo 2.2 GHz 1 GB RAM, 160 GB HDD	Lenovo Systems
4.	5	Dual Core 2.4 GHz 1 GB RAM, 160GB HDD	Acer Systems
5.	125	Core i3Processor 2 GB RAM, 500 GB HDD	Lenovo Systems

6.	70	Core i3Processor 8 GB RAM, 500 GB HDD	Dell Systems
7.	13	Core i3Processor 4 GB RAM, 500 GB HDD	Dell Systems
8.	17	Core i3Processor 2 GB RAM, 500 GB HDD	Dell Systems
9.	300	Dual Core 3.3 GHz 4 GB RAM, 500 GB HDD	Lenovo Systems
10.	1	i3 Processor 4 GB RAM, 500 GB HDD 15.6" Screen	Dell Laptop
11.	2	i3 Processor 4 GB RAM, 500 GB HDD 15.6" Screen	Lenovo Laptop
12.	3	Atom Processor 2 GB RAM, 160 GB HDD 17" Screen	Asus Laptop
13.	1	Quad Core 5410 Processor 2 GB RAM, 160 GB HDD 17" Screen	IBM X3400 Server
14.	1	Xeon Processor 4 GB RAM , 8 TB HDD 18.5" Screen	LG Server

Table: 4.3.1.1 – List of computers with configuration

Total Number Of Systems = 868

2. Computer Student Ratio: 2598/868 1:3

3. LAN Facility :All computing labs are provided with LAN facility.

4. Wi-Fi Facility : Wi – Fi facility is available with restricted access and it can be utilized by the staff and students with the proper permission from Administrator.

5. Licensed Softwares

Department	Licensed Software
Civil Engineering	AUTO CAD, STADD.Pro
Mechanical Engineering	ANSYS , AUTO CADD
Electrical & Electronics Engineering	MAT LAB, PLC, SCADA

Electronics and Communication Engineering	MAT LAB, Mentor graphics, Xilinx ISE, TMS 320C6713DSP processors
Computer Science & Engineering	Microsoft Campus Agreement (Windows –OS, MS-Office Package, Visual Studio 2008 Professional)

Table: 4.3.1.2 – List of Licensed software's

Open Source Software's available for each department for the purpose of R&D:

Department	Open Source Software
Civil Engineering	Scilab, GCC
Mechanical Engineering	
Electrical & Electronics Engineering	
Electronics and Communication Engineering	MASM, TASM ,Multi sim,xilinx
Computer Science & Engineering	Open office , LaTeX, GCC, NASM, FASM , JAVA. Boarland, C Oracle

7. Number of Nodes / computer with Internet facility.

- All the systems are provided with internet connectivity

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

- The principal's office, Administrative office, Examination Section, Training and placement cell and senior faculty members are provided with furnished system cabin with printers and internet facility.
- The college provides internet facility to staff members at the respective departments in order to access the required study material from available e-resources and present them as part of their teaching process.
- All the department computer labs are provided with internet facility.
- Internet Service is available for both faculty and students in the campus.
- Wi-Fi Connectivity is available in the campus.
- Un-interrupted power supply is made available in the campus so that the students and staff can access the internet without any interruption.
- KITS city office maintaining 3 computers with internet facility.
- KITS city office having 1 printer.
- 16 systems are provided with internet facility in the Digital library.
- A well renowned college website

Website: kitsguntur.ac.in

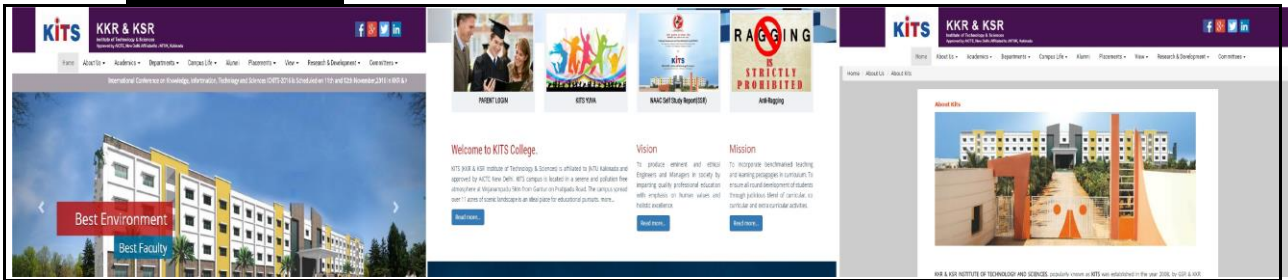


Fig: 4.3.2.1 – College website

➤ Student Server Database website with Essential Information

IP ADDRESS: 10.10.10.33

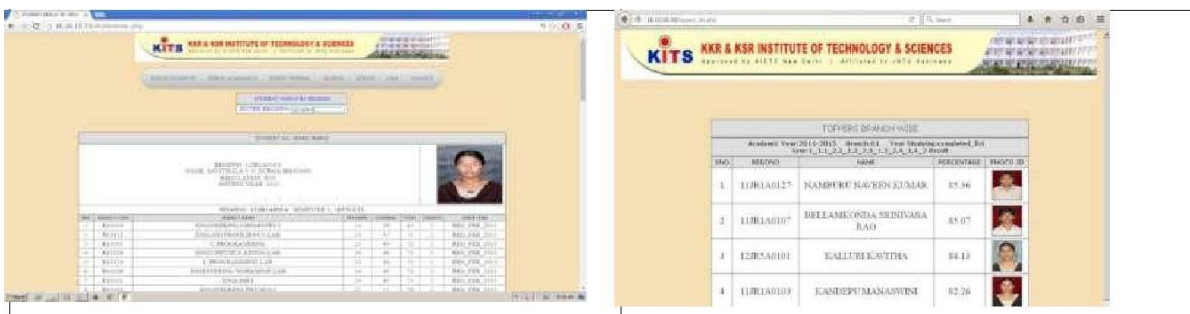


Fig: 4.3.2.2 – Student Marks Analysis System

➤ Alumni server website kitsgntalumni.com



Fig: 4.3.2.3 – Alumni website

Specifications:

Internet Provider: BSNL Broad Band Ltd., Blueweb Internet services

Total Band width: 84 Mbps leased line connections.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT

Infrastructure and associated facilities?

- Computer systems are upgraded with latest configuration once in two years.
- Individual up gradation of the computers is taken up as per the needs and requirements of the various departments.
- Enough provision is made available in the annual budgets for the procurement of the computer systems.
- Once new systems are procured, they replace the existing systems as per the requirements of the

departments.

- All the computer systems in the campus are regularly monitored by the system administrator and maintenance staff.
- The trouble/problems experienced by the computers in the various laboratories are entered by the lab programmers/technicians in the complaint register which is kept in the server room.
- The maintenance staff will then go to the respective labs for identification of the problems and resolves the same at the respective places.
- In case of major problems i.e. replacement of component/part during warranty, they are sent to the respective service centers and got replaced at the earliest.
- Computer center is provided with four servers of different capacities to cater the computer requirements.

4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

Amount spent for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution during last four years:

Year	2015-2016	2014-2015	2013-2014	2012-2013	2011-2012
Annual Budget	206892	181833	173242	102843	933866
Amount Spent	229880	166820	190376	95225	1061212

Table: 4.3.4.1 – List of Annual computer maintenance budget

- Annual maintenance of the computers will be done by the associated vendors.
- For every 2 years college is going to purchase latest configuration computers for using of advanced laboratory & technology purpose.

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

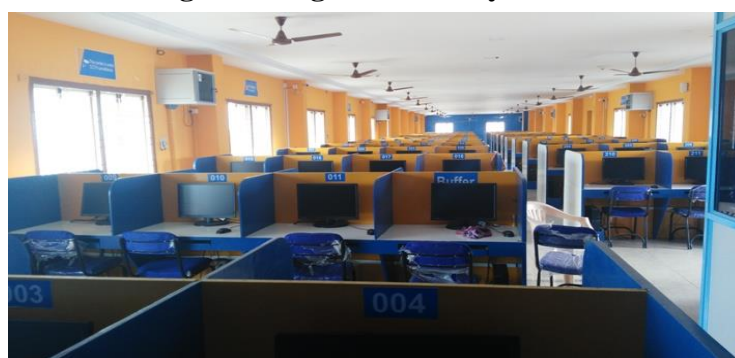


Fig: 4.3.5.1 – Common Computer Center

Common Computer Center

- The institution acts as a facilitator for e-learning material (NPTEL video lectures) and the accession of online lectures of various experts from IITs, NITs and reputed institutes.
- The Institution has adequate computer facility for its faculty. Faculty members are provided with computers with internet facility for preparation of teaching/learning materials in their respective departments.
- Each department has its own computing facility based on the curriculum demand.
- Number of computer laboratories and number of computers in each laboratory vary from department to department.
- Adequate Multimedia projectors are available within the college for the faculty use.
- Each department has separate e-class room with all Multimedia facilities

Available ICT Resources:

S.No	ICT Resource	Number of available	Service Provider
1	NPTEL Videos	266	IIT
2	LCD Projector	10	KITS
3	E-Materials	153	KITS

Table: 4.3.5.1 – List of ICT resources available

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-Learning process and render the role of a facilitator for the teacher.

- The institution acts as a facilitator for e-learning material (NPTEL video lectures) and the accession of online lectures of various experts from IITs, NITs and reputed institutes.
- NPTEL Videos are made available in the college digital library.
- E-class rooms are provided in the departments for this purpose.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

- The college uses JNTUK Centre of Excellence for e-Resource Development & Deployment (CoEeRD) for online materials.
- Links made available in the digital library for the beneficiary of Staff & Students
- <http://www.aicte-india.org/ICTlinks.php>
- <http://spoken-tutorial.org/>
- <http://www.dget.nic.in/content/>

➤ The college uses JNTUK online exam portal for conducting on-line mid examinations for students.

4.4 MAINTENANCE OF CAMPUS FACILITIES

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)? Based on the requirement from head of the departments and the concerned in charges, about 10% of the total budget is allocated for maintenance and upkeep of the facilities like Building, furniture, equipment, computers, vehicles etc.

Amount spent for maintenance of facilities during the last five years

YEAR	Amount spent for maintenance of facilities during the last five years						
	Building	Equipment	Furniture	Computers (software)	Vehicles Maintenance	Others	Total
2015-16	706226	159446	757973	244880	8079612	17824564	27772701
2014-15	317590	144949	353936	166820	8776441	18967354	28727090
2013-14	154339	196467	254584	221276	5950175	18631705	25408546
2012-13	316810	124985	202641	128450	4919086	10822022	16513994
2011-12	296652	313302	214751	1104257	3386187	15086849	20401998

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the Infrastructure, facilities and equipment of the college?

A monthly meeting of In-Charges of above facilities is conducted to review the functioning of each facility. Attempts are made to make all these facilities more and more effectively and student friendly.

General Maintenance committee

1. Mr. V.Ch. Purna Chandra Rao (MBA) _ Convener
2. Mr. K.Gopi Krishna (Mech) _Co-Convener
3. Mr. K.Karthikeyan (Civil)
4. Mr. S.Venkatesh (EEE)
5. Mr. T.Venkat Rao (ECE)
6. Mrs. A.Suneetha (CSE)

7. Mr. E. Joshuva Niranjan Rao (III-Year EEE)
8. Mr. A.Rahul (III-Year Mech)
9. Mr. T.Vamsi Krishna (II-Year ECE)
10. Ms. M. Meghana (III-Year CSE)
11. Mr. D.Surya (IV-Year Civil)
12. Mr. Y.Tirupathi Reddy (MBA)
13. Mr. U.Narayana (MBA)

Electrical & Computer network Maintenance

1. Mr. K.Sarath Bhushan (EEE)
2. Mr. C.N.S.Vinoth Kumar (CSE)
3. Mr. D.S.D.Krishna Prasad (CSE)
4. Mr. K.Kiran Kumar (CSE)

Purchase / Stores

1. Dr. M.Ravindra Krishna (Civil HOD)
2. Prof. T.Srinivasa Rao (EEE HOD)
3. Prof. M.Basaveswara Rao (Mech HOD)
4. Dr. M.Siva Ganga Prasad (ECE HOD)
5. Prof. K.Madhusudana Rao (ECE HOD)
6. Prof. R.Ramesh (CSE HOD)
7. Dr. M.S.S.Sai (CSE HOD)
8. Dr. Bh.Venkateswara Rao (MBA HOD)
9. Dr. K.Rama Kotaiah (BS&H HOD)
10. Mr. K.Sarat Bhushan (EEE)
11. Mr. Ch.Srinivasa Rao (BS&H)

Canteen Committee

1. Mrs. R.Santhikala (Civil) _ Convener
2. Mr. K.Ravi Kumar (EEE)_ Co-Convener
3. Mr. B.Kiran Kumar (MECH)
4. Mr. M.Sudheer (ECE)
5. Mr. V.N.V.Srinivasa Rao (CSE)
6. Mrs. D.Naga Bhargavi (S&H)
7. Mr. N.Nikhil (IV-Year EEE)
8. Mr. M.Sivaiah (III-Year EEE)
9. Mr. D S B S Sarveswara Rao (II-Year EEE)

10. Mr. N.Pradeep Kumar(III-Year EEE)
11. Mr. V.Rajesh (III-Year EEE)
12. Mr. P.Deepkumar (III-Year Mech)
13. Mr. K.Chandra Sekhar (IV-Year Mech)
14. Mr.K.Hanumantha Rao (IV-Year Mech)
15. Mr. B.Jogi Reddy (II-Year ECE)
16. Mr. B.Gopi Nath (II-Year ECE)
17. Mr. K.Mukesh (IV-Year CSE)
18. Mr. P.Rajasekhar (III-Year CSE)
19. Ms. A.Bharat Chandra (II-YearCSE)
20. Ms. M.Bhargavi (IV-Year CSE)
21. Mr. A.Prasanth (IV-Year Civil)
22. Mr. P.Sarath (III-Year Civil)
23. Mr. G.Ranga Rao (MBA)
24. Mr. B.Krishna (MBA)

Sports & Games

1. Mr. K.Venkat Rao (Physical Director) _ Convener
2. Mr. M.Naveen Kumar(EEE) _Co-Convener
3. Mr. A.Suri Babu (CIVIL)
4. Mr. B.Nagendra Babu (Mech)
5. Mr. E.Bhanu Prasad (ECE)
6. Mr. K.Upendra (CSE)
7. Mr. G.Madhava Rao (MBA)
8. Mr. G VVGSK Prasad (IV-Year EEE)
9. Mr. V.Gopi Krishna (II- Year EEE)
10. Mr. N.Ranjith Kumar (IV-Year Mech)
- 11.Mr. V.Sesha Sai (III-Year Mech)
12. Mr. M. Gowthami (III-Year ECE)
13. Mr. A. Mahesh Babu (III-Year ECE)
14. Mr. K.Bharat Kumar (IV-Year CSE)
15. Ms. J.Kalpana (IV-Year CSE)
16. Mr. K.Pranay Kumar (III-Year CSE)
17. Ms. K.Madhulika (II-Year CSE)
18. Mr. R.Gopal Krishna (IV-Year Civil)

19. Mr. N.Pavan Kalyan (III-Year Civil)

20. Mr. S.Raja Manikanta (MBA)

21. Mr. Sd. Khaja Sharifuddin (MBA)

Website /ICT/Internet Committee

1. Dr. Ch. Aruna (Prof. of CSE) Convener
2. Mr. A.Sarath Kumar (ECE) _Co-Convener
3. Mr. C.N.S.Vinoth Kumar (CSE)
4. Mr. O.Hima Kiran Kumar (EEE)
5. Mr. G.Hema Chandra Sekhar (S&H)
6. Mr. B.Akhil (IV-Year Civil)
7. Mr. N.Sai Srikar (III- Year Civil)
8. Mr. S.Satyanarayana (III-Year EEE)
9. Mr. N.Varundev (II-Year EEE)
10. Mr. M.Ahamed (II-Year ECE)
11. Mr. K.Krishna Reddy (II-Year ECE)
12. Mr. M.Harikrishna (II-Year ECE)
13. Mr. T.Gopi (IV-Year CSE)
14. Ms. V.L.Prasanna (IV-Year CSE)
15. Mr. M.Narendra Reddy(IV-Year CSE)
16. Ms. P.Naga Sravani (MBA)
17. Ms. G.Naga Lakshmi (MBA)

Transport Committee

1. Prof. M.Basaveswara Rao (BS&H HOD) _ Convener
2. Prof. R.Ramesh (CSE HOD) _Co-Convener
3. Mr. A. Venkatesh (CIVIL)
4. Mr. K.Gopi Teja (EEE)
5. Mrs. J.Soujanya (Mech)
6. Mrs. S.Tirumala Devi (ECE)
7. Mrs. K.Madhuri (CSE)
8. Mrs. S.Ragini (MBA)
9. Mr. K.Isaac Mathew (III-Year EEE)
10. Mr. V.Sudheer (IV-Year Mech)
11. Mr. P.Sumanth (III-Year ECE)
12. Mr. T.Anantha Krishna (III-Year CSE)

13. Mr. Y.Ravi (III-Year Civil)
14. Mr. P.Gopi (II –YearCivil)
15. Mr. G. Hussain Reddy (MBA)
16. Mr. Y.Sudhakar(MBA)

Building Hygiene:

Sweepers and a supervisor are allotted for a particular area. All the sweepers are required to sign in the register at the supervisor to confirm that he/she has done the duty. The supervisor should attest the same.

Duties of Sweepers:

- Cleaning of class rooms, corridors, floor cleaning of laboratories, staff rooms and other areas allotted.
- Dusting of furniture and windows in the class rooms and also cleaning of glass boards.(However, dusting of departmental furniture/equipment/machines shall be done by department attenders and lab technicians.)
- Swabbing of corridors.
- Clearing cobwebs in the corridors, class rooms and other areas, except department labs.
- Supervisors shall personally monitor the work and lock the class rooms after he is satisfied with the work.

Toilet Hygiene:

- Each toilet is to be cleaned four times a day, which will be checked by supervisor concerned.
- Care is taken in providing exhaust fans, daily cleaning with phenol or detergents, use of naphthalene balls.

Class Rooms:

- Use of non-dust chalks.
- Daily sweeping of class rooms.
- Wet cloth cleaning of benches (at least twice a week).
- Black board cleaning (with wet cloth daily).
- Provision of dust bins in each class room.

Floors:

- Daily sweeping and cleaning with wet cloths to ensure dust-free surrounding.
- Provision of common dust bins at various locations in each floor.
- HODs/In-charges shall make complaints regarding hygiene to the Principal, which will be forwarded to the Project Officer for necessary action. Project officer shall maintain a register for the purpose in which the complaints and action taken against the complaints are recorded.

- The following registers shall be maintained for the above:
- Requisition form and register.
- Complaints register and file.

Laboratories – Maintenance & Utilization:

- Preventive maintenance is followed.
- Periodical checkups and calibration of equipment in all laboratories to make sure smooth conduct of all the lab hours.
- Depending on the experiment, one, two or a maximum of three students perform a single experiment with common set of apparatus.
- Additional experiments are designed to utilize all the equipment available in the lab.
- Stock verification is being conducted in all laboratories every year.

Computing Facilities-Maintenance & Utilization:

- Computing facilities are provided as per the AICTE norms, even extra computers are provided to meet the practical requirements.
- Internet connectivity with a total of 84 Mbps band width is provided.
- All the computer systems in the college are on LAN with OFC backbone.
- Computing facilities are made available to the students for 8 hours a day
- The number of computers to be made available will be as per the requirements.
- A team of technicians with a faculty in-charge takes care for the maintenance of computers.
- Necessary Licensed software is procured.
- Servers like LINUX, WINDOWS, Web Servers, Database etc., are provided.
- Additional projects are taken up by the students for optimum utilization of the facilities.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

The departments take the initiative to calibrate the precision instruments for their optimum and assured performance, once in three years

- a) The civil engineering department labs had calibrated Geotechnical engineering lab, Concrete Technology Lab, Strength of materials Lab had calibrated address is **S.S.B. ENTERPRISES PRIVATE LIMITED Regd.office:1-1-385/39,P&T Colony,Gandhinagar,Hyderabad-500080**
- b) Electronic devises in physical and chemical laboratories the precision checked by **PRECISION INSTRUMENTS AND CHEMICALS, D NO:7-17-21/F,5/2,SRINAGAR,GUNTUR , PIN: 522002**

Faculty members take master readings once in a semester to ensure proper working of the equipment

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)

For constant supply of power, the alternate source i.e generator (220KVA) used in the campus.

For voltage fluctuations UPS is used in the campus.

For distribution system panels & boards are used in the campus.

		
240 KVA Generator	UPS	PANELS&BOARDS

LOCATION:

Beside electrical machine lab

Computer lab-1

electrical machines lab

Capacities of generators & Transformers, UPS are listed in the following table

Particulars	Capacity and maintenance of Electricity, power backup, telecom, water supply	
	Electricity	
	Capacity	No's
Transformer	250KVA	1
Service points for Distributions	400A	1
Panels & Boards (Wall Mounted)	400 A	1
	200 A	2
	125A	3
	100A	2

Change over panels	400A	2
Generator	125 KVA	1
Total capacity(240KVA)	82.5 KVA	1
	32 KVA	1
Frequent checks are conducted by the Electrical Maintenance committee members		
power backup		
UPS	7.5 KVA	8
	6 KVA	6
	3 KVA	1
	60 KVA	1
	600 VA	25
UPS: 154.5 KVA		
Frequent checks are conducted by the System administrative committee members		
Telecom		
Telecommunication	No. of EPBAX lines	52
	Mobile phones	02
	Fax available	Yes
	Arrangement after office hours	Yes
	Courier service	Yes
	Post Office	No
Water capacity and supply		
Water capacity and supply	Over Head Tanks : 23000 Liters	
	No. Capacity (Liters) Location	
	1	25000 West Location (ABOVE THE TERRAS)
	2	32000 East Location (ABOVE THE TERRAS)
	3	5000 New Syntax Tank (ABOVE THE TERRAS)
	Under Ground Sump: 4000 Liters	
Location:(INFRONT OF THE EXAMINATION CELL)		
Mineral Water Plant Provided in the campus		
Frequent checks are conducted by the administrative office members		

Table: 4.4.4 Capacities of generators & Transformers, UPS

Maintenance:

- a) Generator will be maintain by the distributer service person for every 3 months(filter, engine oil miscellaneous) as per the requirement
- b) PavanGenerater N Elevaters,D No:32-41-10d,Machavaram Down Eluru Road Vijayawada
- c) Panels & Boards will be maintained by the college electrician
- d) There is no voltage fluctuations due to high capacity transformer
- e) UPS will be maintained by the Frontair Business System Pvt Ltd, Dno:7-1/58,Flat No:201,Ameerpet,Hyderabad,Pin:500016.
- f) Water tanks are cleaned for every 2 months.

CRITERION- 5



STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

YES.

The Institution publishes various books and handbooks in addition to newsletters and other bulletins in order not only to guide the students but also to keep them informed about all the happenings and the developments taking place on the campus.

S. No.	Institution Publications	Photo
1.	The College publishes HAND BOOK every year which comprises the information about vision and mission of the college, discipline of the college, Teaching & Non-teaching staff, technical Society, General information, admission procedure, important information regarding JNTUK academic regulations, rules and procedures of the college and other facilities provided by the college.	 <p>HANDBOOK</p>
2.	The college also maintains Student Mentoring Register of every student recording all important development like attendance, academic performance and other curricular and co-curricular interests from time to time. There is appointed one faculty mentor for every 20 students to guide and monitor them and also to counsel them whenever necessary.	 <p>COUNSELLING BOOK</p>

5.1.2 Specify the type, number and amount of institutional scholarships / free- ships given to the students during the last four years and whether the financial aid was available and disbursed on time?

YES.

The financial aid is available and disbursed in time.

Table 5.1 Details of Scholarships given to merit students by the college:

Year	No. of Students Benefited	Total Amount
2013-14	5	RS 25,000/-
2014-15	4	RS 20,000/-

5.1.3 What percentage of students receive financial assistance from state government, central government and other national agencies?

Table 5.2 Details of financial Assistance given to the students by the state government, central government and other national agencies Scholarships or any financial assistance provided to students? YES

Year	If provided, basis of scholarship/assistance	Merit/Parent's limited income/others	
From State Govt.			
2015-16	No. of Students received-1815	6,25,65,925	
2014-15	No. of Students received-1647	5,47,15,400	
2013-14	No. of Students received-1435	4,96,33,000	
2012-13	No. of Students received-1181	3,98,94,400	
2011-12	No. of Students received-927	2,92,47,000	
From AICTE(GATE Scholarship)			
2014-15	No. of Students received-1	96,000	
2013-14	No. of Students received-4	3,84,000	
2012-13	No. of Students received-3	2,88,000	
External Sources of Funds			
Name of the External sources		2014-15	2015-16
JNTU, Kakinada (NSS Program)		-	15,000
UGC		25,000	-
Indian Geotechnical Society(ICG)		1,00,000	-

Table 5.3 Details of financial assistance (Fee reimbursement) from A.P. State Govt.

Category	Percentage (%)				
	2015-16	2014-15	2013-14	2012-13	2011-12
SC	7.43	6.55	8.62	10.45	12.62
ST	0.38	0.47	0.71	0.55	0.69
BC	21.04	19.45	18.86	21.73	23.08

EBC	50.43	47.65	50.35	41.95	38.72
PHC	0.04	0.05	0.00	0.00	0.00
MINORITEES	7.67	7.55	7.36	6.53	5.01
TOTAL	86.99	81.72	85.90	81.21	80.12

Table 5.4 Details of financial Assistance (GATE Scholarships) from AICTE.

Category	Percentage (%)		
	2012-13	2013-14	2014-15
OC	0	2.5	3.70
SC	7.89	7.5	0
Total	7.89	10	3.70

5.1.4. What are the specific support services/facilities available for SC/ST, OBC and economically weaker sections?

- All SC /ST students receive financial assistance in the form of tuition fee, maintenance charges and pocket money of 4950/- per year from the State Government as per the Government regulations. OBC Students also receive financial assistance in terms of tuition fee and maintenance charges.
- All the SC/ST students are given books from the social welfare department.
- The college arranges additional training / remedial classes for academically poor students in terms of additional classes, spoken English classes for the under privileged etc.
- Class teachers and mentors take special care of slow learners, identifying their academic deficiencies and other areas which require any other assistance.

Physically challenged /other disabled students?

- Physically challenged students receive scholarship of Rs. 400/- per month from social welfare department. Such students have a provision of availing additional time at the time of their taking the exam.
- Class and examination rooms are arranged on the ground floor.

Overseas students

- There are no overseas students in this college.

Students to participate in various competitions/conferences in India and abroad

- The college extends financial support to students participating in various competitions/ conferences in India. Most of the students participate in various events organized outside the college and also in other states. Good numbers of students secure prizes in Inter University, and Inter Collegiate events.

Medical Assistance to Students: Health care.

- The College has a medical Centre with routine facilities. A male doctor visits college daily.

Organizing Coaching Class for Competitive Examinations:

- The college has sufficiently well stocked library books for CAT/GRE/ TOEFL

- Skill development (spoken English, computer literacy, etc.,) through student associations LEAD, SELF and WE.

LEAD (LEARN ENGLISH AND DRIVE)

The first of its kind the very first English organization in our college which is supported straight from chairman's desk with the help of secretary, principal along with cooperation of faculty to strengthen the communication of students with which the doors for open innovative thoughts towards a brighter tomorrow.

SELF (Speak English Language Fluently)

SELF is a program arranged for the 3rd year engineering students to promote the communicational skills. It consists of Masters and Mentors from different branches of the 3rd year engineering students. SELF means 'Speaking English Language Fluently'. Communication is a part of life's moments. Communication is like Oxygen for a student's life. The 'SELF' program helps the students to undergo practice various dimensions of the events and exercises, this program which gives them real time for learning and experience. Especially through this program, SELF, students are given training on honing their employable and communicational skills to avoid the gap between industry and academic strategies.

VISSION: To prepare the students in view of the global competition with employable skills.

MISSION: Conducting with appropriate events to meet the requirements of the global competition (GD, JAM, and SPOKEN ENGLISH).

WE (WORLD OF ENGLISH)

This is an intertwined organization to lead, which is sort of "TRAIN THE TRAINER" program where all masters and members gather to do the activities. It is a raised platform accommodated by our college to enhance the professional attitude that arguments self confidence.

Support for slow learners:

Remedial classes are arranged for the slow learners. Student counselors continuously monitor their progress.

Exposure of students to other institutions of higher learning/ corporate / business houses, etc.

Students are encouraged & guided to participate in events organized by other institutions within and outside the state of Andhra Pradesh. Industrial visits are arranged for the students for practical exposure. Workshops on entrepreneurship development are organized to enhance the interests of students to start their own business/industry.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

A) The following efforts are made by the institution to impart entrepreneurial skills to students:

College has established **E-CELL (ENTREPRENEURSHIP-CELL)** on 4TH, APRIL, 2015 to develop, organize & manage a business venture along with any of its risk in order to profit in any of the business entrepreneurship.

Vision: As a guide for student with creative ideas which can transformed into successful entrepreneurs.

Mission: To develop the entrepreneurship skills among the students KKR & KSR institute technology and science by organizing workshops and lectures to create awareness about entrepreneurship.

Faculty advisor: Md. Mansoor Ahmad, Asst.Prof, MECH Dept.

Founders:

P. Kaushik

N.Niranjana

A.Kavya

M.Sukanya

M.Chandana

President:

N. Bala Shanmukha Yaraswi

It is necessary to divide the work for the best functioning of the cell and hereby we took a step forward in designing the verticals of the Entrepreneurship-Cell. We have concentrated on the major areas where a vertical is to be formed. Thereby we found the following verticals are necessary. Where each vertical has some defined works. Each vertical is given a HEAD EXECUTIVE from final year and a team of required length from 2nd & 3rd years.

E-VERTICALS

1. Corporate Communications
2. Creative, Design & Technical
3. Finance & Logistics
4. Publicity & Public Relations
5. Media Relations
6. Resource and Marketing
7. Counseling



CORPORATE COMMUNICATIONS

Corporate Communications: In short, Guests and Corporate Tie-ups are taken up by CC. The requirement for guest profile needed for an event will be discussed in the meetings of E-Cell and in the consecutive meet, CC comes up with 2 or 3 likely to be guest profiles and the one to be confirmed is decided. Thus, the team has to confirm guests and follow them up. Other than this, CC also takes up monthly updates to be forwarded to previous guests about the present works and development in E-Cell for their comments and feedback. Thus, gaining, Mentorship. Parallel works include Corporate Tie-ups, Startup ideas mentors, E-Cell Tie-ups and Internships for members or students of college

S. NO	Name of the Student	Description	Role
1	MD. MANSOOR AHMED	ASST. PROFESSOR	MENTOR
2	N B SHANMUKHA YASASWI	IV MECHANICAL	HEAD EXECUTIVE
3	Y MOUNIKA	IV CSE	HEAD EXECUTIVE
4	I MOUNIKA	IV CSE	HEAD EXECUTIVE
5	G NISHANTH	III MECHANICAL	MEMBER
6	P THARUN	III CIVIL	MEMBER
7	K PAVAN KUMAR	III ECE	MEMBER
8	ANANTHA KRISHNA T	III CSE	MEMBER
9	M VENKATESH	II MECHANICAL	MEMBER
10	N AJAY RAHUL	II CIVIL	MEMBER
11	THARUN MADHAV B	II CIVIL	MEMBER
12	SK MD MOUHSIN	II CIVIL	MEMBER



CREATIVE, DESIGN & TECHNICAL

Design work like Posters, Flex and Brochures are designed by the Creative Design and Technical Team. As the name suggests, Technical part includes Website building Support or App Development. (Depends on the capabilities of team members)

S. NO	Name of the Student	Description	Role
1	Mr. M RAMKUMAR	ASST. PROFESSOR	MENTOR
2	SYED GAZANFOR AHMED	IV MECHANICAL	HEAD EXECUTIVE
3	B PRAVALLIKA	IV CSE	HEAD EXECUTIVE
4	A RASMITHA	IV CSE	HEAD EXECUTIVE
5	CH VENKATESH	III CSE	MEMBER

6	CH SAI TEJA	III ECE	MEMBER
7	G AKHIL	III CSE	MEMBER
8	JAYANTHI	III CSE	MEMBER
9	SUSHMA	III CSE	MEMBER
10	K SAI PRAKASH	III CSE	MEMBER
11	SK SARTAJ	III CSE	MEMBER
12	T VAMSI KRISHNA	II CSE	MEMBER
13	N MOURYA VAMSI	II ECE	MEMBER
14	T DHATTATREYA	II MECHANICAL	MEMBER
15	P SOWMYA	II CSE	MEMBER
16	M ANUSHA	II CSE	MEMBER



FINANCE & LOGISTICS

Finance team takes care of Budget generation and sanctions by funding agencies- The College or External. Logistics team takes care of Pre-event setups and maintaining the entire files and data base

S. NO	Name of the Student	Description	Role
1	Mr.M RAMANJANEYULU	ASST. PROFESSOR	MENTOR
2	G MOUNIKA	IV CSE	HEAD EXECUTIVE
3	N LAKSHMI BHAVANI	IV ECE	HEAD EXECUTIVE
4	S AKHILA	IV CSE	HEAD EXECUTIVE
5	BALA SESA SAI	III ECE	MEMBER
6	P MOUNIKA	III CSE	MEMBER
7	K JAYA LAKSHMI	III ECE	MEMBER
8	V NANDINI	III ECE	MEMBER
9	A MOUNIKA	II CSE	MEMBER
10	K YAMUNA	II CSE	MEMBER
11	D PRANAMIKA	II ECE	MEMBER
12	ANJANI	II ECE	MEMBER



PUBLICITY & PUBLIC RELATIONS

A good quality audience is the heart of any event or activity and this is done by PR. Reaching out to target student segments, Publicizing events among them and taking care of the turn up is PR's work. Let it be any mode of Publicity, PR takes care of it

S. NO	Name of the Student	Description	Role
1	Mr. K RAVI KUMAR	ASST. PROFESSOR	MENTOR
2	K NAGA SWETHA SREE	IV ECE	HEAD EXECUTIVE
3	L DEDIVYA	IV CSE	HEAD EXECUTIVE
4	P YASMITHA	IV ECE	HEAD EXECUTIVE
5	P RAJA SRI	IV ECE	HEAD EXECUTIVE
6	K PRANAY KUMAR	III CSE	MEMBER
7	CH SAI TEJA	III ECE	MEMBER
8	SHAIK RASOOL	III MECHANICAL	MEMBER
9	A RAVI SAI TEJA	III CIVIL	MEMBER
10	J VENKATA SAI KIRAN	III ECE	MEMBER
11	T DHATTATREYA	II MECHANICAL	MEMBER
12	P SAI SRAVAN	II CSE	MEMBER
13	H SAI PRADEEP	II CIVIL	MEMBER
14	D SUPRAJA	II CSE	MEMBER
15	ANJANI	II ECE	MEMBER
16	B SHALINI	II CSE	MEMBER



MEDIA RELATIONS

Post and Pre Media Coverage's are taken up by MR. After each event or activity, MR members also need to generate an Event report to be submitted to Resource and Counseling Team, Media Centers and In-Campus Magazines. Pre Event permission in the campus are also taken up by MR

S. NO	Name of the Student	Description	Role
1	Mr. M SUDHIR	ASST. PROFESSOR	MENTOR
2	A PRIYANKA	IV CSE	HEAD EXECUTIVE
3	M ANUSHA	II CSE	HEAD EXECUTIVE
4	G AJAY	II CSE	HEAD EXECUTIVE



COUNSELLING

This team works like a HR-team for E-Cell. Counseling to 2ND& 3RD year students about Entrepreneurship and conducting inductions programs. Maintaining, Databases and counts regarding E-Cell Events and activities. Counseling is the backbone for all teams when it comes to work division and maintenance of team data's. Solves all the issues in the cell and takes care of all the coordination related measures. It is also responsible for managing regular meetings

S. NO	Name of the Student	Description	Role
1	Mr. K KARTHIKEYAN	ASST. PROFESSOR	MENTOR
2	I MOUNIKA	IV CSE	HEAD EXECUTIVE
3	Y MOUNIKA	IV CSE	HEAD EXECUTIVE
4	N B SHANMUKHA YASASWI	IV MECJANICAL	HEAD EXUCUTIVE



RESOURCE AND MARKETING

Resource provides all the necessary indents to the cell regularly and at the time of events too. And also helps the cell in marketing wing. This includes Hospitality and Anchoring services that are needed at times i.e. at the time events workshops and others. All the miscellaneous services also come under this vertical

S. NO	Name of the Student	Description	Role
1	S RAJU	ASST. PROFESSOR	MENTOR
2	B GEYA KRISHNA	IV CSE	HEAD EXECUTIVE
3	K RAMGOPAL KRISHNA	IV CIVIL	HEAD EXECUTIVE
4	P RAJASRI	IV ECE	HEAD EXUCUTIVE
5	K NAGA SWETHA SREE	IV ECE	HEAD EXECUTIVE
6	B PRAVALLIKA	IV CSE	MEMBER
7	K PRANAY KUMAR	III CSE	MEMBER
8	K BHANU	III CIVIL	MEMBER
9	K ARAVIND	III CSE	MEMBER
10	BALA SESA SAI	III ECE	MEMBER

11	G NISHANTH	III MECHANICAL	MEMBER
12	K JAYA LAKSHMI	III ECE	MEMBER
13	P THARUN	III CIVIL	MEMBER
14	A RAVI SAI TEJA	III CSE	MEMBER
15	P SREE VISHNU	II CSE	MEMBER
16	B SREELESH	II CIVIL	MEMBER
17	B SHALINI	II CSE	MEMBER
18	H SAI PRADEEP	II CIVIL	MEMBER
19	D SUPRAJA	II CSE	MEMBER
20	P ANJANI	II ECE	MEMBER
21	D PRANAMIKA	II ECE	MEMBER

List Events Organized by E-CELL:

2016-17			
Date	Program	Participants	No. of participants
5 TH ,OCT, 2016	E-LEADERSHIP TALKS	B.Tech-II nd year	300 Students
JULY, 21 ST & 22 ND 2016	RECENT RECRUITMENT	B.Tech-II nd and III rd year	400 students
JUNE 29 TH , 30 TH , JULY 1 ST , 2016	DESIGN THINKING WORKSHOP FROM ISB-TEP...	B.Tech, III rd year and IV th year	45 students
2015-16			
Date	Program	Participants	No. of participants
8 th -10 th , JAN, 2016	Global Entrepreneur ship summit-2016, IIT kharagpur.	B.TECH IV th and III rd years	19 students
26 th ,FEB,2016	Expanding Origins of IPR's In Entrepreneurship	B.Tech-II nd year	250 students
27 th ,JULY,2015	DISHA	B.Tech-III rd year	300 students

15 th ,SEP ,2015	AIKYA	B.Tech-III rd year	200 students
06 th ,OCT,2015	TRINITY	B.Tech-II nd year	600 students

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co- curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc. additional academic support, flexibility in examination special dietary requirements, sports uniform and materials any other

The following policies and strategies are implemented by the institution to promote participation of the student in extra-curricular and co-curricular activities.

NSS:

This unit was established on Oct 27th 2015 with an objective to cultivate the attitude of social service in the minds of students and to make them into responsible citizens.

Faculty co-ordinator : Mr. A. Veera Raghava Rao

Student head co-ordinator : Mr. G. Tejeswar Reddy

The activities are:

S.NO	NAME OF THE ACTIVITY	DATE OF ACTIVITY	NO OF STUDENTS PARTICIPATED	BUDGET FOR ACTIVITY
1.	Tree Plantation	24-09-2015	75	5,000/-
2.	Donation For Heart Plantation Patient	09-10-2015	2,500	50,341/-
3.	Swatch Kits	15-11-2015	150	2,000/-
4.	Old Age Home Service	07-11-2015	50	4,000/-
5.	Skill Acquisition	05-12-2015	50	3,000/-
6.	Blood Donation At Emergency Cases In Hospitals		10	
7.	Donated Medicines At Oldage Homes	02-01-2016	25	5,000/-
8.	Youth Conference, Bits Pilani	27-02-2016 to 28-02-2016	8	5,000/-

	<p>SWATCH KITS</p>
	<p>TREE PLANTATION</p>

E-CELL (ENTREPRENEURSHIP-CELL)

The capacity and willingness to develop organize & manage a business venture along with any of its risk in order to profit in any of the business entrepreneurship. The events organized by e-cell are (Disha, Aikya, Trinity, Expanding origins of IPR in entrepreneurship).

Vision: As a guide for student with a creative ideas which can transformed into successful entrepreneurs

Mission: To develop the entrepreneurship skills among the students KKR & KSR institute technology and science by organizing workshops and lectures to create awareness about entrepreneurship.



Expanding origins of IPR's in entrepreneurship



Interaction with students by Chukkapalli Rakesh



Introduction of entrepreneurship to juniors

SELF (Speak English Language Fluently)

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WE (WORLD OF ENGLISH)

This is an intertwined organization to lead, which is sort of “TRAIN THE TRAINER “ programme where all masters and members gather to do the activities. It is a raised platform accommodated by our college to enhance the professional attitude that arguments self confidence and gears of the fluency of English language

Students participate in various sports at intercollegiate, University, State, Zonal and National level competitions.

Students actively participate in different co-curricular and extra-curricular activities. The institution encourages students to participate in various activities through the following strategies:-

- Identification of the talents in the students.
- Enlisting the students according to their area of interest.
- Creation of competitive spirit among the students.
- Organization of training and practice sessions.
- Short listing of students according to events.
- Conduction of rigorous training and practice sessions.
- Encouraging of students for various programmers at different centers.
- Various lectures and competitions are conducted by different committees and associations.
- Respective committees display information about the circulars regarding competitions held in different colleges or by social organizations.
- Preference for admissions for students excelling in sports and cultural activities.
- Availability of track suits, sports kits for sports and costumes, make up sets, musical instruments, etc for cultural events.
- Special training by the coach / directors.
- Lunch and breakfast facility during the practice sessions and the events.
- Academic support in the form of additional examinations.
- Special guidance to make up for lectures missed during activities.
- First-aid to the students.
- The outstanding performers are felicitated with certificate of merit and cash prizes at the annual day function.

Besides these college has student forums for each and every department.

S.No	Academic Forums	Establishment
1	CIVIL Branch Association	2014
2	EEE Branch Association	2011

3	MECH Branch Association	2014
4	ECE Branch Association	2012
5	CSE Branch Association	2011

S.No	Co-Curricular Forums	Establishment
1	NSS Unit	2015
2	Alumni Association	2012
3	Short film /club	2016
4	Cultural club	2015
4	ECEL	2015
5	LEAD	2015
6	WE	2015
7	SELF	2015


Additional academic support, flexibility in examinations:

College provide Academic support to all the Students in the way of arranging Compensation classes to the students and arranging extra classes to the weak learners.

Special dietary requirement, sports uniform and materials:

- College provides Special uniform to the students who are participating in Sports.
- College provides kit-bags for various sports and provides requirements for indoor games too.
- Since the college is not residential so special dietary facilities cannot be provided.
- First-aid to the students.

Cultural & Sports activities

Date	Event	Photo
17 th February 2016	Participated in MalineniEngg.College fest and got Prize in KABADDI.	

<p>25 January 2016</p>	<p>Conducted NSS Program in our college.</p>	
<p>10 November 2012</p>	<p>Students attended for Industrial tour at Vizag.</p>	
<p>24 February 2016</p>	<p>3rd year cse students won 2nd prize in Throw ball competition held in MalineniEngg.college.</p>	
<p>10 November 2015</p>	<p>Fresher's Inaugural Function addressing by Chairman Sir</p>	
<p>17-03-2016</p>	<p>Flash mob conducted by our students on Anti-Ragging.</p>	
<p>15-08-2015</p>	<p>Independence day celebrations in our college.</p>	

<p>15th September 2015</p>	<p>Conducting group discussion on the occasion of Engineers day</p>	
<p>February 28th 2016</p>	<p>Science day celebrations in KITS college .</p>	
<p>January 6th,2016</p>	<p>Conducted Dist. Level Debate Competition by Tejaswi Foundations in our College.</p>	
<p>17-03-2016</p>	<p>Flash mob conducted by our students on Anti-Ragging.</p>	
<p>19th February 2016</p>	<p>KITS YUVA Inaugural function addressing by Minister Ravela Kishore Babugaru.</p>	
<p>15 December 2015</p>	<p>MBA Fresher's day Celebrations addressing by Chairman Sri K.Subbaraogaru.</p>	

<p>13th April 2013</p>	<p>MBA Department Conducted National Level Management Students meet named as PRATEEK-2013 in our College.</p>	
<p>15th September 2015</p>	<p>Blood donating Program regarding Engineer's day in our College.</p>	
<p>8th March 2015</p>	<p>Rangoli Competition on Women's day</p>	

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.

- As a part of Academic time table college providing CRT(Campus Recruitment Training) classes to 3rd and 4th year students and giving Training on Aptitude, Reasoning and Communication Skills.
- Mr.Syamgaru deals with Aptitude, Mr.Venkata Reddy garu deals with Reasoning and Mr.Badesahebgaru and Ms.Bindugaru deals Communication skills classes.
- The departments provide guidance, further conduct coaching classes to students for taking competitive examinations like GATE/CAT/GRE/TOEFL.
- Language lab has interactive software which enables the students to prepare for GRE and TOEFL examinations.
- Large number of books on career guidance and competitive examinations are available in

Library.

- Every year good number of students are securing good ranks/scores in GATE/GRE/TOEFL / CAT examinations.

No. of Students qualified in GATE

YEAR	CIVIL	EEE	MECH	ECE	CSE
2012	-	3	-	0	0
2013	0	2	-	1	0
2014	0	0	-	0	0
2015	0	0	0	2	0
2016	1	1	0	1	1
TOTAL	1	6	00	4	1

No. of Students qualified in GRE/TOFEL/CAT/MAT/PGECET etc

YEAR	CIVIL	EEE	MECH	ECE	CSE
2012	-	2	-	2	6
2013	4	2	-	1	4
2014	2	3	-	3	0
2015	0	2	3	7	0
2016	3	1	2	13	6
TOTAL	9	10	5	26	16

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)The faculty participates in academic, personal, career and psycho-social counseling.

Counseling is based on-

- Attendance
- Performance
- Attitude

Counseling Process:

Counseling and Guidance Cell provides training to students on personality development skills. A well-designed Mentoring System is also in place. Each class is allotted a class teacher apart from three other faculty members who will be taking care of 20 students each.

KITS KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES
(Approved by AICTE New Delhi. Affiliated to JNTUK, Kakinda)
Vijayanapada, Guntur-522017.

GENERAL PROFILE

1. Student Profile (filling only capital letters)
 Name of the Student : GUMMADI RAJESH
 Registration Number : 12JRI1A0227
 Degree / Branch : B.Tech/EEE
 Name of the Parent : GUMMADI AMARNADH
 Date of Birth : 01/08/1993
 Religion : HINDU
 Category : SC
 Year of Entry to College : 2012
 Address : 19-9-116, ETUKURU ROAD, CHAKALI GUNTA, SUGALI COLONY, GUNTUR-522003
 Parent Contact Number : 91-988282284
 Student Contact Number : 91-886282024
 Languages Known : TELUGU, ENGLISH
 Email : gummadirajesh227@gmail.com

2. Academic Background
 a. School studied in 10th class : KSR MCH HIGH SCHOOL, GUNTUR
 Year of completion : 2010 Percentage: 86%
 b. Intermediate / Diploma : HINDU COLLEGE AND HIGH SCHOOL, GUNTUR

Year of completion : 2012 Percentage: 55.2%
 c. Exameet Rank :
 d. Proficiency in other activities : CRICKET (Sports & Games, Cultural activities, Hobby)
 e. School/college Achievements : FIRST PRIZE IN KHO-KHO

3. Background of Parents
 a. Name of the Father : GUMMADI AMARNADH
 Occupation : FRUIT MERCHANT
 Education : BELOW 10th
 b. Name of the Mother : GUMMADI ANJANMA
 Occupation : MUNICIPAL EMPLOYEE
 Education : BELOW 10th
 c. Annual Income : 1 00 000/-
 d. Name of the Guardian (Parent) : NO
 Occupation : NO

4. Self Analysis
 a. Communication : SATISFACTORY
 Speaking abilities : SATISFACTORY
 Proficiency in English : SATISFACTORY
 Soft Skills : SATISFACTORY
 b. Self Motivation : SATISFACTORY
 Towards Studies : SATISFACTORY
 Towards Career : SATISFACTORY
 c. Hard Working Nature : GOOD
 d. Related to Academic :

Performance in the past : LOW PERCENTAGE
 Desirable performance in future : BETTER PERCENTAGE

e. Health
 Blood Group : O+
 Height (in feet's) : 5.6
 Weight (in Kg's) : 76
 Health problems in the past, if any: NO

5. Achievements (marks/Sports/Social activities/Any)
 1. PARTICIPATED IN BLOOD DONATION CAMP
 2. PARTICIPATED IN KHO-KHO

Students Signature : Parents Signature

FIRST YEAR – I SEM
 Counselor Name: J.KALPANA
 Academic from 2012 to 2013
 1. Present stay : With Parents.
 Address: 19-9-116, ETUKURU ROAD, CHAKALI GUNTA, SUGALI COLONY, GUNTUR-522003.
 Phone: 8886282024

2. Internal & External Marks:

SUBJECT CODE	SUBJECT NAME	INTERNAL	EXTERNAL	TOTAL	CREDIT S	EXAM YEAR
1 R1010 3	Engineering physics-1	20	32	52	2	Reg_feb_2013
2 R1010 4	Engineering chemistry-1	19	39	58	2	Reg_feb_2013

Month\Year	SEP	OCT	NOV	DEC	JAN	Total %
%	93.00	83.34	90.04	95.00	85.08	89.72

3. Attendance:

4. Parent Counselor Meeting

S.No	Agenda	Date	Parents Signature
1	Performance in Academics	03/10/2012	
2	Attendance	02/11/2012	
3	Performance in Academics	21/12/2012	

SUGGESTIONS
 (To be given by the Counselor for the improvement of students immediately after every Mid-Exams by monitoring the performance)

GENERAL BEHAVIOR : GOOD
OVERALL PERFORMANCE IN THE SEMESTER : GOOD

Seal and signature of the Counselor

Seal and signature of the Student

Seal and signature of the Parent

Academic counseling:

- One to one counseling
- Parent teacher meetings
- At class level, guidance of academic nature is provided.
- Expert lectures are arranged subject-wise after the completion of syllabus..
- They advice students about the plan of study at the beginning of year, suggest various reference books for different papers, provide guidance for the preparation of the notes.
- Teachers give information about weightage to different chapters in different papers and also discuss about the nature of questions on the each topic.

Career counseling:

- Various career oriented guidance lectures are also conducted through Career Guidance Cell .
- Women Development Cell is also established and reconstituted every year as per the directives of University of Mumbai to deal with the problems encountered by female students and staff.



KITS – USEFUL CAREER GUIDANCE TO THE STUDENTS

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If ‘yes’, detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers(list the employers and the programmes).

YES.

The college has a structured mechanism for career guidance and placements of its students.

Counseling and Career Guidance	Yes
Self Study report	Yes
Placement Unit	Yes
Seminar hall	Yes

Career Guidance Unit:

The Career Guidance Unit is intended primarily to assist students in their career planning and provides information that helps the students to give a direction to their aspirations and interests. Career counseling programs are undertaken periodically by the placement coordinator to guide the students. Interactive sessions by the eminent persons in respective fields are conducted regularly.

- The departments provide guidance, further conduct coaching classes to students for taking competitive examinations like GATE/CAT/GRE/TOEFL.
- Language lab has interactive software which enables the students to prepare for GRE and

TOEFL examinations.

- Large number of books on career guidance and competitive examinations are available in Library.
- Every year good number of students are securing good ranks/scores in GATE/GRE/TOEFL / CAT examinations.

Objectives:

- To give training and guidance to students on career related matters and assist them in exploring new opportunities. To invite companies/organizations for campus interviews and provide them necessary facilities for conducting written test, Group discussion, Technical and HR interview etc.
- To arrange industrial visit and training for final year and pre-final year students.
- To organize various types and levels of training programs like mock interviews, Group discussions, and experience sharing by eminent personalities, business Communication skills and conduct model tests for various types of aptitude tests.
- To display various job advertisements coming in employment news, opportunities and career columns in leading news papers. The proposed basic training consists of the following modules and for a maximum of 30 hours duration. Timing will be based on the conveniences of different batches/groups and as a part of time-table.

1. English Grammar and Verbal Ability
2. Training for group works and team effectiveness
3. Training for Communicative English / Developing Business Communication skills
4. Training on Personality Development.
5. Mock Interviews (HR / TR)
6. Mock GDs
7. Resume Preparation
8. Model Campus Interview Tests

□ Career Guidance Cell

Most of the students are in a state of confusion to choose their career ahead after engineering. The choice are many, advises galore all adding up to the grand confusion. He or she feels everyone else is right except himself or herself. We at KITS , do not want our students to get entangled such situation and make their decision uncertain and complicated. The parents are also helpless for their wards with generation gap and ever growing career options. For this reason we set up the Career Guidance Cell. The cell treats each student differently. "Each according to his aptitude and talent" is our slogan here. The student's desires and abilities are evaluated individually and are advised the way forward accordingly. A wrong choice of career could be a career lost, and it is very difficult to regain the lost ground in life later.

The possible career choices could be higher education abroad, immediate job in hand, being an entrepreneur, doing an MBA, doing an M. Tech etc. The career guidance cell has experts to channelize the students' efforts and intentions in the desired manner. The experts care for the students hence the caring guidance. Thus each and every student at KITS, "enter to learn and leave to achieve". Career Guidance Cell is functioning as nodal centre in the college. It consists of Counseling Committee, Training and placement Committee. The Career Guidance Cell functions with the coordination of faculty members and Student coordinators from all streams.

Campus Recruitment

Efforts are being made by the institution to improve the employability of the students and industries are invited to the campus to recruit students. For the past four years all the eligible and interested candidates are absorbed by the industry before completion of the course. Efforts made by the college are given below:

Training and Placement Cell

Full-fledged Training & Placement Cell of the institution comprising T&P Officer, Placement Officer & PRO, one Office Assistant and Departmental Coordinators. It monitors and organizes continuously the training and placement activities. The cell regularly contacts all relevant industries / companies and conducts placement drives.

Special Training on English Language and Communication Skills

The College conducts special training classes on English Language and Communication Skills to improve the communication skills of students. It also helps the students to improve their technical presentation and interview performance skills.

Regular Training on Aptitude & Other Soft Skills

Regular training on aptitude and soft skills is provided to the students at pre-final and final year level both by the external and internal resource persons.

Special customized training based on Industry requirement

The suggestions of industry representatives on the Board of Studies of individual Departments are taken to identify the customized training needs of individual departments. Industry relevant customized training is provided to final year students before the commencement of recruitment process. In addition, guest lectures are arranged on specialized areas relevant to the present day industry.

PLACEMENT UNIT:

Training and Placement Cell, Career Guidance and Entrepreneurship Development Cell conduct various training and awareness development programs from time to time in order to Provide right direction for the students in their careers. This hall is equipped with LCD projector, Audio-video

facilities and a white board for conducting training programs and stimulating discussions. Training & placement cell with capacity of 67.57sq.mt and with well qualified staff members. The following is the list of Training & placement members

S.no.	Name of the expert
1	Mr. Ch.ChandraSekhar Reddy
2	Mr. Sk.BadeSaheb
3	Mr. Sk. Abdul Vali
4	Mr. A.Syam Prasad
5	Mr. K.Venkata Reddy
6	Ms. R.HimaBindu






KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES (Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada)

PLACEMENT DETAILS OF THE ACADEMIC YEAR 2015-16

SNO	NAME OF THE COMPANY	COURSE	SHORTLISTED	NO. OF SELECTIONS	MECH	CIVIL	EEE	ECE	CSE	M. B. A	Drive STATUSES
1	NTT DATA	B.Tech	14	1			0	1	0		OFF
2	DEVAMI	B.Tech	21	3					3		ON
3	GLEENWOOD SYSTEMS	B.Tech	97	8			0	0	8		ON
4	AMARRAJA	B.Tech	3	1	1			0			OFF
5	INFOSYS	B.Tech	18	13			1	9	3		ON
6	APPS ASSOCIATES	B.Tech	0	0					0		OFF
7	μ- SIGMA	B.Tech	0	0			0	0	0		OFF
8	CAPGEMINI	B.Tech	27	0			0	0	0		ON
9	MINDTREE	B.Tech	10	4			0	2	2		OFF
10	MAGNA INFO TECH	B.Tech	45	0			0	0	0		OFF
11	COLLABERE TECHNOLOGIES	B.Tech		2				2			OFF
12	SASKEN	B.Tech	31	4			0	0	4		ON
13	INNOEYE	B.Tech	3	0			0	0	0		ON
14	GENPACT	B.Tech	2	1			0	1	0		OFF
15	AMAGGIMEDIA LAB	B.Tech	4	*					*		OFF

Self Study Report

16	EUREKA OUTSOURCING TIONS	B.Tech		20				12	8		ON
17	TCS	B.Tech	16	5	0		0	4	1		ON
18	YARDSTICK	B.Tech	32	1	0	0	0	0	1		ON
19	ALLSEC TECHNOLOGIES	B.Tech	117	24			4	9	11		OFF
20	INNFOVIEW	B.Tech	31	10			0	2	8		OFF
21	PILOG	B.Tech	34	12	4		8				ON
22	CAPITALIQ	MBA	7	0						0	OFF
23	EFFOTRONICS	B.Tech	25	1			0	0	1		ON
24	MPHASIS	B.Tech	18	5			0	0	5		ON
25	WEBYOGI	B.Tech	0	0					0		OFF
26	JAGRATI	B.Tech	20	10		10					ON
27	SPANDANA	MBA	42	21						21	ON
28	JASMINEINFOTECH	B.Tech	8	1			0	1			ON
29	BONEAVEN SOFTWARE TIONS	B.Tech	34	3					3		OFF
30	DHARANIINFOTECH	B.Tech	14	5				4	1		ON
31	AGIRATECHNOLOGIES	B.Tech	1	1					1		OFF
32	RAMSAYS CORPORATION PVT. LTD	B.Tech	21	15	15						ON
33	EXPERIS IT PVT LTD *	B.Tech	15					*	*		OFF
34	SAMSUNG	B.Tech	2	2					2		OFF
35	SYNTEL	B.Tech	45				*	*	*		OFF
36	SOMA	B.Tech				*					OFF
37	CPLR	B.Tech	25	16	2	11				3	ON
38	AXIS GLOBAL AUTOMATION	B.Tech	20	10			10				ON
39	PUZZOLANA	B.Tech	16	9	9						ON
40	POWERICA	B.Tech	15	5			5				ON
41	INVENTURES	B.Tech	45	18	0	0	2	5	11		ON
42	TRIGENT	B.Tech	14				*	*			ON
43	RAMTECH	B.Tech	40	26	3	5		18			ON

	
<p>GLENWOOD SYSTEMS CAMPUS DRIVE ON 14-12- 2015</p>	<p>INFOSYS CAMPUS DRIVE ON 08-01-2016</p>

	
<p>MIND TREE CAMPUS DRIVE ON 22-01-2016</p>	<p>SASKEN CAMPUS DRIVE ON 05-02-2016</p>
<p>EOS GLOBE CAMPUS DRIVE ON 25-02- 2016</p>	<p>PILOG CAMPUS DRIVE ON 13-03-2016</p>

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PLACEMENT DETAILS OF THE ACADEMIC YEAR 2014-15

SNO	NAME OF THE COMPANY	COURSE	SHORTLISTED	NO: OF STUDENTS PLACED	MECH	CIVIL	EEE	ECE	CSE	M.B.A	Driver STATUS
1	POWERMECH	B.Tech		20		20					ON
2	VIRTUSA	B.Tech		2					2		OFF
3	NTT DATA	B.Tech		3			0	3	0		OFF
4	VALUE LABS	B.Tech		3			0	0	3		OFF
5	FONY TECHNOLOGIES	B.Tech		2			0	1	1		OFF
6	MPHASIS	B.Tech		3				3	0		OFF
7	GLENWOOD SYSTEMS	B.Tech		7					7		ON
8	AXIS GLOBAL AUTOMATION*	B.Tech		14			7	7			ON
9	CPLR	B.Tech		11	5	6					ON
10	INFOSYS	B.Tech		1	1		0	0	0		OFF
11	MIRACLE SOFTWARE SYSTEMS*	B.Tech		10			0	1	9		ON
12	GENPACT	B.Tech & M.B.A		4	0	0	0	2	0	2	ON
13	VISONTEK	B.Tech	30	2			0	1	1		ON
14	XTREAM IT SOLUTIONS	B.TECH		0			0	0	0		ON
15	ADP	B.TECH	4	0			0	0	0		ON
16	YASH TECHNOLOGIES	B.TECH	6	0					0		ON
17	CAPGEMINI	B.TECH	11	0							ON
18	JYOTHI T TURBO SYSTEMS PVT.LTD.	B.TECH		6	5		1				ON
19	OPEN TEXT	B.TECH		0				0	0		OFF
20	THERMAL SYSTEMS	B.TECH		4	4						OFF
21	CSS CORP	B.TECH		32			3	14	15		ON
22	PRATIAN TECHNOLOGIES*	B.TECH		0							ON
23	PRANEETH GROUP	B.TECH		10		10					ON
24	DHARANI INFOTECHNOLOGIES PVT.LTD*	B.TECH		6				2	4		ON
25	JASMININFOTECH	B.TECH		1			1				ON
26	TCS	B.TECH		1	0		0	0	1		OFF

27	SUTHERLAND GLOBAL	B.TECH		1			0	1			OFF
28	IT TRAIL BLAZERS	B.TECH		1			0	1			OFF
29	CTRLS	B.TECH									ON
30	LEAAP INTERNATION PRIVATE LIMITED, CHENNAI*	B.TECH		3				2		1	ON
31	FSS, CHENNAI	B.TECH									ON
32	CADEPLOY	B.TECH	26	3		3					ON
33	ZEN3, HYDERABAD	B.TECH	42	5				1	4		ON
34	BROADCOM	B.TECH		5				1	4		ON
35	FACTSET	B.TECH		1						1	OFF
36	PORTWARE	B.TECH		0					0		OFF
37	CAPITAL IQ	B.TECH		0							OFF
38	NAGARJUNA CONSTRUCTIONS *	B.TECH		0							OFF
39	DIVAMI TECHNOLOGIES PVT.LTD *	B.TECH		2					2		OFF
40	PILOG INDIA PVT LTD	B.TECH		7	4		3				
				170	19	39	15	40	53	4	

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PLACEMENT DETAILS OF THE ACADEMIC YEAR 2013-14

SNO	NAME OF THE COMPANY	COURSE	NO: OF STUDENTS PLACED	CIVIL	EEE	ECE	CSE	Drive held at
1	GLENWOOD SYSTEMS, CHENNAI	B.Tech	5	0	0	1	4	ON
2	APPS FOR BB, HYDERABAD	B.Tech	3	0	0	0	3	OFF
3	KRDS , FACEBOOK,CHENNAI	B.Tech	2*	0	0	1	1	ON
4	ADP, HYDERABAD	B.Tech	0	0	0	0	0	OFF
5	CONTEXT TECHNOLOGIES, HYDERABAD	B.Tech	10	0	0	7	3	ON
6	LLOYD ELECTRIC AND ENGINEERING LTD. ,HYDERABAD	B.Tech	10	0	10	0	0	ON

7	FINANCIAL SOFTWARE SYSTEMS, CHENNAI	B.Tech	0	0	0	0	0	OFF
8	PILOG INDIA PVT. LTD. HYDERABAD	B.Tech	7	0	3	4	0	ON
9	AGILE ENTERPRISE SOLUTIONS, HYDERABAD	B.Tech	29	0	0	13	15	ON
10	GENPACT, HYDERABAD	B.Tech	*					OFF
11	SUTHERLAND GLOBAL SERVICES, HYDERABAD	B.Tech	*					OFF
12	EFFTRONICS, VIJAYAWADA	B.Tech	*					OFF
13	ACROPETAL TECHNOLOGIES, CHENNAI	B.Tech	*					OFF
14	KNOAH SOLUTIONS, HYDERABAD	B.Tech	0					OFF
15	JASMIN INFOTECH, CHENNAI	B.Tech	5*		1	4		ON
16	SYSBIZ TECHNOLOGIES, CHENNAI	B.Tech	*					OFF
17	CSS CORP, CHENNAI	B.Tech	*					ON
18	AMI INDIA PVT.LTD, CHENNAI	B.Tech	1				1	OFF
19	AYON INDUSTRIES	B.Tech	5*		5			OFF
20	RANDSTAD INDIA LTD, HYD	B.Tech	5*			4	1	ON
21	KTREE, HYDERABAD	B.Tech	1				1	OFF
22	APARNA CONSTRUCTIONS & ESTATES PVT.LTD.	B.Tech	12*	0				ON
23	CLAYROCK TECHNOLOGIES, GUNTUR	B.Tech	5			2	3	OFF
24	LERA TECHNOLOGIES, HYD	B.Tech	0					OFF
25	INFOSYS	B.Tech	11		1	5	5	ON
26	SYNTEL	B.Tech	1			1		OFF
27	CAPITAL IQ	MBA	1					OFF

5.1.10 Does the institution have a student grievance redressal cell? If yes, list(if any) the grievances reported and redressed during the last four years.

YES.

The grievance redressal cell is constituted as per AICTE norms and day to day student grievances are addressed to HoDs/Principal. General issues related to class room teaching, library, e-sources, canteen, hostel, hostel mess & transportation has are resolved by the cell. The composition of Grievance Redressal Cell is given below table.

Name	Designation	Department	Status
Mr. R. Ramesh	Professor	CSE	Coordinator
Mr. G. Malyadri	Assistant Professor	ECE	Member
Mr. K. Ravi Kumar	Assistant Professor	EEE	Member
Mr. Ch. Purna Chandra Rao	Associate Professor	MBA	Member
Mr. B. Pradeepthi	Assistant Professor	ECE	Member
Mrs. R. Punyavathi	Assistant Professor	EEE	Member
Mrs. Ch. Jhansi Rani	Assistant Professor	CSE	Member
Mrs. R. Santhikala	Assistant Professor	Civil	Member
Mrs. J. Rama Kumari	Assistant Professor	S & H	Member

The basic function of the cell is to discuss the grievances received from aggrieved students and submit a report to the Principal, with recommendations. Major Grievances reported and action taken. The suggestions and complaints are written on a paper and are dropped in the box provided in the ground floor.



5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

The college has a Women Grievances Redressal Committee which addresses the grievances of girl students and female staff members. The cell comprises one senior woman faculty member as a convener and one woman faculty member from each department as members. Institute implements the recommendations made by the Cell. The members of the cell are:

Women Grievances Redressal Committee

S.No	Name of the Committee Member	Profession
1	Dr. P.Babu	PRINCIPAL
2	Mrs. R.Santhikala	CIVIL
3	Mrs. R.PunyaVathi	EEE
4	Mrs. J.Soujanya	MECH
5	Mrs. T.Bhavani	ECE
6	Mrs.Y.Vasanthi	CSE
7	Ms.SK.Razia	MBA
8	Ms. R.Hemalatha	IV-Year EEE
9	Ms.I.Harasha Vardhini	II-Year EEE
10	Ms. Shanmuka Priya	III-Year Mech
11	Ms. Sowmya	IV-Year Mech
12	Ms. T.Keerthi	II-Year ECE
13	Ms. T.Amani	II-Year ECE
14	Ms. K.Padmaja	IV-Year CSE
15	Ms. L.Sree Lakshmi	IV-Year CSE
16	Ms. S.Ramya	IV-Year Civil
17	Ms. P.Sravya	III-Year Civil
18.	Ms.K.Bhuvanewary	III-Year Civil
19.	Ms.B.Anitha	MBA
20	Ms.B.Indu	MBA

Activities

Women's day is celebrated every year in the college campus. Competitions were conducted for women staff and girl students.



Women's day celebrations



Inauguration of "NenuMalala" book

Nenu malala book was inaugurated on 28-08-2015.

The procedure for creating awareness and to resolve grievance is:

- The cell creates its presence through posters, notices and interactive sessions and also creates awareness among the students and staff on the problems they face.
- When a complaint is received by the cell, it conducts an inquiry to identify the gravity of the offence and the veracity of the complaint.
- Based on the evidences, the committee submits its report to the Principal for further action. But, so far no such incidents have occurred

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

YES.

The college has Discipline & Anti ragging Committees.

The institute and all the functions of the institute should function in a defined system. To create an appreciable environment to the process of Teaching and Learning and to the mandatory functional flows of the University, while the disciplinary functions of the employees are taken care by the institutional management, the disciplinary and anti ragging functions of the student are taken care by the disciplinary cell of the institute. A Senior Professor is in-charge of the cell and supported by number of faculty members from all the departments catering to all the students of all courses. The cell basically works on the following model for the student disciplinary functions. The faculty members attached to the cell work very hard in identifying the students who are off the track and work continuously to place them to a better state with full coordination from their parents/local guardians. This is a continuous untiring, unnoticed and unpublished appreciable effort from the faculty and all concerned.

Anti ragging is one of the important and mandatory functions of the institute there is a Standing committee at the institute to look into the anti ragging cases. Some of the parents are also members of this committee. And the committee meets very frequently and as when required. The committee counsels the

students for anti ragging and follows the principle of preventive actions. The results are extremely encouraging with the cooperation of all the faculty and students including the parents. The students involved in ragging are punished as per the regulations.

Salient Features

Students were counseled consistently regarding proper dress, tuck-in and wearing of Identity card. Cell phones are prohibited into the college for the students. Undertaking from the parents of the students who were indulged in any in-disciplinary activities.

Anti Ragging Committee

S.No	Name of the Committee Member	Profession
1	Mr. R. RAMESH	HOD, CSE
2	PROF. T. SRINIVASARAO	HOD, EEE
3	Dr. M. SIVA GANGAPRASAD	HOD, ECE
4	Dr. K. RAMAKOTIAH	HOD, MECHANICAL
5	Dr M.S.S. SAI	M.TECH HOD, CSE
6	Mr M. BASAVESWARA RAO	HOD, S&H
7	Mr K. MADHUSUDANA RAO	M.TECH HOD, ECE
8	Dr. M. RAVINDRA KRISHNA	HOD, CIVIL
9	Dr. BH. VENKATESWARA RAO	MBA
	ANTI RAGGING SQUAD	
1	Mr. Y. RAJESH	EEE
2	Mrs. A. JYOTHIRMAYE	EEE
3	Mr. K. ANJANEYULU	ECE
4	Mrs. T. BHAVANI	ECE
5	Mr. G. MALYADRI	ECE
6	Mr. P. VIJAY KUMAR	CSE
7	Mrs. V. CHANDRAKALA	CSE
8	Mrs. CH. JHANSI RANI	CSE
9	Mr. V. SRIKUMAR	MECH
10	Mr. N. V. SAIRAM	MECH
11	Mrs. R. SANTHI KALA	CIVIL
	STUDENT MEMBERS	
12	B.ANIL KUMAR	IV EEE
13	D. KOTESWARI	III EEE
14	G. CHAKRAVARTHI	IV ECE
15	A. SUSMITHA	IV ECE
16	D. NAVEEN KUMAR	III CSE
17	P. SUMA SREE	III CSE
18	M.VEERANJANEYULU	IV MECH
19	Y. HARANI	III MECH
20	S. SAI LEELA	IV CIVIL
21	SHAIK MOHAMMED KHALEEL	III CIVIL

The basic functions of the cell are:

To create self confidence and congenial environment among the newly admitted students by way of conducting frequent interactive sessions to clear the doubts related to academic matters, social interaction and compatibility. The “Discipline & Anti Ragging Committee Cell” provides a ragging free campus for newly admitted students to have a pleasant and fruitful academic stay in this college.

Faculty is deputed at various locations inside the college campus to monitor the student activities. Faculty sees that no student groups are formed and if any are observed, the group is dispersed to avoid any nuisance. The punishment for ragging is displayed at various places to make the students aware of seriousness of the administration for preventing ragging.

To conduct an enquiry and identify the culprits on receipt of complaint.

Based on the first hand information and prime-facie evidence, the committee submits its report to the Principal for necessary disciplinary action. Severe punishment will be imposed on the accused, if proven.



Flash mob on Anti-Ragging



Anti-Ragging Meeting with Police Department

Activities

A flash mob on anti ragging was conducted at market and kalamandir centers by the students to create awareness on anti ragging.

Anti-Ragging meeting with police department and various colleges’ principals, faculty was held at the college.

No ragging instances took place for the last four years in the campus

5.1.13 Enumerate the welfare schemes made available to students by the institution.

Amenities building which provides facilities like canteen, indoor games, and guest rooms for girls.

- Provision of giving Scholarships/ fee Waiver by the Management.

- Students with more than 90% in a semester were awarded with 5000 cash prize
- Industrial visits within the range of 150 km, college bus will be provided.
- Regular training on aptitude and soft skills is provided to the students at pre-final and final year level both by the external and internal resource persons.
- CRT training is provided for students.
- Seminars/workshops also provided for students.

5.1.14 Does the institution have a registered Alumni Association? If ‘yes’, what are its activities and major contributions for institutional, academic and infrastructure development?

YES. In the college website separate window is provided for Alumni registration and old students details.

The web link : kitsgntalumni.com



Alumni contribute to the development of the college in the following ways:

- Feedback on all matters related to the college
- Alumni members residing in various parts of India and abroad share their experiences with staff and students whenever they visit the institution
- Alumni supports placement activities of the students.

Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlights the trends observed.

Student Progression	Batch	CIVIL	EEE	MECH	ECE	CSE	MBA	TOTAL
	2015-16	4	2	2	14	6	00	28
	2014-15	0	2	3	9	3	00	69

UG to PG	2013-14	2	3	00	3	3	00	11
	2012-13	4	4	00	2	4	00	14
	2011-12	00	5	00	2	6	00	13
Employed through Campus selections	2015-16	26	26	33	53	46	24	208
	2014-15	39	15	14	31	44	3	146
	2013-14	00	15	00	39	29	00	83
	2012-13	00	00	00	00	00	00	00
Off the campus Recruitments	2015-16	00	4	1	17	27	00	49
	2014-15	00	00	5	9	9	1	24
	2013-14	00	5	00	3	8	1	17
	2012-13	00	00	00	00	00	00	00

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university). Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

We are providing the Programme - Wise Success Rate (pass %) data of the past 3 batches of students who successfully completed the course with zero backlogs.

S. No	Name of the Course with Specialization- in short form	Students' Performance Batch-wise								
		2012-16			2011-15			2010-14		
		Number Enrolled	Number Completed	% completion	Number Enrolled	Number Completed	% completion	Number Enrolled	Number Completed	% completion
1	B. Tech-	65	39	60%	63	51	80.95%	61	47	77.04%

	CIVIL									
2	B .Tech - EEE	64	53	82.81%	59	46	77.96%	67	57	85.07%
3	B .Tech - ME	56	47	83.92%	59	50	84.7%	--	--	--
4	B. Tech - ECE	164	133	81.09%	140	115	82.14%	114	90	78.94%
5	B. Tech - CSE	161	134	83.22%	115	96	83.47%	116	93	80.17%
		2014-16			2013-15			2012-14		
6	M.B.A.	--	--	--	54	53	98.14%	70	69	98.57%
7	M. Tech.- CSE	--	--	--	16	16	100%	15	15	100%
8	M. Tech.- VLSI	--	--	--	7	5	71.42%	11	11	100%
9	M. Tech .PE&D	--	--	--	11	10	90.9%	12	10	83.33%
10.	M. Tech. DECS	--	--	--	6	5	83.33%	--	--	--

5.2.3 How does the institution facilitate student progression to higher level Of education and/or towards employment?

In our college effective modules are incorporated for the students in their higher courses. Ample participation in workshops, presentations, seminars is enabling the students to learn the skills of communication. Student seminars are frequently conducted as part of curriculum. Good access to labs and libraries regularly for enhancing their skills and knowledge is provided. We are providing them good opportunities to prepare themselves for getting qualified through GATE etc.

DATE	TRAINING EVENTS (2012-17)
11 th Jul, 2016	A Two Day Workshop on Internet of Things and its smart devices using Raspberry Pi was conducted in CSE dept by Dr. Ramanarayana reddy, HOD, Dept of CSE, Indira Gandhi Delhi Technological University for Women.
16 th Jul 2016	A program on Role of ECE in Industry was conducted in ECE dept. by D.THRIVIKRAM,HAL, Bangalore
19 Jul 2016	Personality development program was conducted in EEE dept. by Dr. H. KALYANRAO, NRIMEDICAL COLLEGE, MANGALAGIRI.

20 th Jul 2016	One day workshop on Bigdata Analytics was conducted in CSE dept. by Dr. S.Jyothi, HOD, Dept of CSE, Sri Padmavathi Mahila Viswavidyalam
28 th Jul 2016	A Guest Lectuer on Automation and robotics was conducted in EEE dept by Mr.V.MADHUKAR, PROLIFIC SYSTEMS AND TECHNOLOGIES PVT.LTD.
29 th Jul 2016	INDUSTRIAL VISIT for all 3 rd year students in EEE dept. to VIGNESWARA ELECTRICALS AND TRANSFORMERS,GUNTUR.
30 th Jul 2016	A two day workshop on Life Skills and Leadership was conducted in CSE dept. by Mr.K.Prabhakar Sr. Director of Business Intelligence Governance & Profiles at S&P Capital IQ, Hyderabad.
5 th Aug 2016	A One Day workshop on Bigdata Analytics was conducted in CSE dept. by Dr.R.B.V.Subramanyam, NIT Warangal.
6 th Aug2016	A Guest Lectuer on Wind energy systems was conducted in EEE dept by Dr.Y.S.KISHORE BABU, JNTUK,NARASARAO PET
5&6Aug2016	A two day workshop on Design of classical control systems was conducted in ECE dept by Dr.J.Ravi kumar, Dept. of ECE,NITW.
9 th Sep 2016	Three Days workshop on Bigdata Analytics and its applications using Hadoop Platform was conducted in CSE dept. by Mr. G.Sikanth, TCS
14 th Sep2016	Linear programming problems in the real life situations was conducted in MBA . Dr.V.sathyanarayana, Principal of St.Mary's women 's engineering college.
21 st sep 2016	Awareness program on competitive exams GATE, IES was conducted in EEEdept by Mr.G.santosh, subject expert ,the gate academy pvt.Ltd
21 st sep 2016	Motivational seminar was conducted by ECE dept by Sri.B.S.N MURTHY, Ramakrishna Math, HYD.
16-17& 23-24. SEP 2016	A Two day Work shop on Introduction to Robotics was conducted by ECE dept. by Dr.J.Ravi kumar, Dept. of ECE,NITW
28 th Sep 2016	CSI Student Chapter Inauguration was conducted in CSE dept. by Dr. P.Trimurthy, professor, former president, CSI & Mr. Kanchibhotla Raju, Vice President , CSI
15 th Oct 2016 to 20 th Oct 2016	A One week Faculty Development program on Security and Privacy was conducted in CSE dept. by Dr.Rashmi Ranjan Rout Assistant professor, Dept. of CSE, NIT Warangal.
16 Oct 2016	Relevance of commandments to communication was conducted in MBA dept. by Nayani-gopi-zonal manager AP UAE.

20 th OCT,2016	Work shop on FUTURE OF MAKING THINGS Auto fusion 360 ⁰ was conducted in MECH dept. by MD.SHARIF.
3-3-2016	A Guest lecture on MIND MAPPING was conducted in S&H Dept. by Dr. Prof M. Rama RAO of RVR & JC
27-2-2016	A Guest lecture was conducted on the eve of National Science Day by S&H Dept. The resource person for the lecturer is, Prof Dr. Gopala Krishna Murthy RTD Scientist, DRDO.
4-2-2016	A work shop on Era of Engineering was conducted for 1 st year students in association with DREAM ALLUSIONS. P .Dhnrupa is the resource person.
08/02/2016	A One Week Work shop on PLC&SCADA was conducted in EEE by Mr.Arun balaji and Mr.Harish From AGIIT INSTITUTE ,CHENNAI.
4-2-2016	A 3-DAY WORK shop on PCB Designing and Fabrication by ECE Dept
21-9-2015	A 3-DAY WORK shop on Embedded Systems by ECE dept. Sri. Kranthi Kumar is the resource person.
31-10-2015	A Work shop on construction practices was organized. Mr. D. Srikanth working as a site engineer chaired the workshop. He expressed some methodologies /techniques and real applications which are useful in day to day civil engineers activities.
11-2-2015	A Work shop on VLSI Design by ECE Dept.
10-2-2015	A Work-Shop on PLC& SCADA (industrial automation) was inaugurated by ABIRAM KUMAR, Director –Axis Global Institute of Industrial Training.
25-8-2014	A 2-DAY WORK shop on OCTAVE SOFT WARE by ECE Dept associated by SwetchaOrganisation.
16-2-2013	MBA Dept. organized a Guest Lecture ON "STOCK MARKET –FINANCIAL RISKS DERIVATIVES"attendedby Mr. ZakirHussain, the financial professional expert in Stock Market and Trading.
22-7-2013	A 2 day national level work shop on " PCB Design of Electronic Circuits " attended by M.M.Anandakumar, Director of IGS
10-10-2012	A guest lecture on "MANAGEMENT OF BIODIVERSITY CHALLENGES" was given for MBA students by Dr.N.Venugopalarao, Rtd.Professor and Dr.J.Suresh from JANA VIGANANA VEDHIKA.

5.2.4 Enumerate the special support provided to students who are at risk

Of failure and drop out?

- Remedial Classes are arranged for the students who are at risk of failure and drop out.
- Conducting frequent Counseling by the class teachers.
- Discussions with the parents
- Special Coaching is being provided in the form of extra class hours.

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

S.NO	EVENT NAME	DATE
1	INFOMAC activities product development program using PHP	2 nd Oct 2016
2	VOLTA Activities- one week work shop on PLC	26 th Sep 2016
3	VOLTA Activities- AWARENESS PROGRAM	21 st Sep 2016
4	ECE Association- 3-day work shop embedded systems	21 st Sep 2016
5	VOLTA Activities- industrial visit	16 th Sep 2016
6	ECE Association- 2-DAY work shop	16 th Sep 2016
7	INFOMAC activities one week program events ppt , jam, GD, poster presentation, technical quiz	9 th Sep 2016
8	VOLTA Activities- GUEST LECTURE on wind energy	6 th Aug 2016
9	VOLTA Activities-industrial visit to transformers manufacturing	29 th July 2016
10	ECE Association- 2 day work shop MATLAB	29 th July 2016
11	VOLTA Activities- seminar on AUTOMATION & ROBOTICS	28 th July 2016
12	VOLTA Activities- GUEST LECTURE on personality developement	19 th July 2016
13	ECE Association- seminar	16 th July 2016
14	International women's Day celebrations WIE	8 th march 2016
15	LEAD Weekly Activities-JAM	5 th March 2016

16	ECE Association- work shop on PCB design	3 rd March 2016
17	Ethical Hacking-A Guest lecture by AnkitFadia	2 nd March 2016
18	INFOMAC activities 4 days program events ppt, jam, GD, poster presentation, technical quiz	23 rd Feb 2016
19	KITS – YUVA 2K16	19 th ,20 th Feb 2016
20	VOLTA Activities-Quiz	18 th Feb 2016
21	Awareness of traffic rules conducted by NSS Team	17 TH Feb. 2016
22	VOLTA Activities –one week Workshop on PLC& SCADA	8 th Feb. 2016
23	VOLTA Activities- one week work shop on MATLAB & SIMULINK	18 th Jan 2016
24	WE(World of English)	19 th Dec 2015
25	SELF (Speak English Language Fluently)	10 th Oct 2015
26	Technical Group Discussion under VOLTA, an association forum of EEE	6 th Oct 2015
27	National Social Serves	24 Sep 2015
28	CEA took up an innovative competition on the eve of NATIONAL ENGINEERS DAY.	15 th sep 2015
29	INFOMAC activities one week program events ppt , jam, GD, poster presentation, technical quiz	8 th Sep 2015
30	VOLTA Activities- industrial visit to Nagarjuna sagar power plant	11 th Aug 2015
31	LEAD (Learning English And Drive)	23 rd July 2015
32	INFOMAC activities 4 days program events ppt , jam, GD, poster presentation, technical quiz	14 th July 2015
33	International Women's Day celebrations-WIE	8th- March 2015
34	ECE Association- one week work shop on VLSI design	11 th Feb 2015
35	VOLTA Activities Workshop on PLC& SCADA	10 th Feb 2015
36	INFOMAC activities 4 days program events ppt , jam, GD, poster presentation, technical quiz	20 th Jan 2015

5.3.2 Furnish the details of major student achievements in co- curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

S.No	Students Achievements 2015-2016
1	The student N.SAI NIKITHA &N.TUMEERA of KKR & KSR institute of technology and sciences participated in participated in PROJECT EXPO which was conducted by CIT and won 2 nd prize.
2	A group of students of 3 rd ECE D. jyothrmayi, D. yeleswari, D. lakshmi won 1 st prize in PROJECT EXPO conducted by CIET LAM.
3	R. SRAVANI of ECE won second prize in technical quiz conducted by NEC.
4	N.VAMSI KRISHNA, K.VENGALRAJU,R.SAI KRISHNA won first prize in PROJECT EXPO conducted in NRIIT,
5	R.PRAVEEN won 3 rd prize in technical quiz conducted by NRIIT
6	V. BHARATH won 1 st prize in PROJECT EXPO held at KHIT.
7	R.VAMSI KRISHNA ,M.PRAVEEN KUMAR REDDY ,V.BHARATH won FIRST PRIZE in PROJECT EXPO conducted in VVIT.
8	R.SRAVANI WON 2 nd prize in poster presentation conducted in VVIT.
9	D.LAKSHMI of 3 rd ECE won first prize in PPT conducted by KHIT.
10	C. BARADWAJ , B.SIVA REDDY A.ABHIMANYA of MBA students got 1 st prize in brainy bees BQ conducted by NEC.
11	N. NARMADA , T.KALAVATHI, V.MANASA KRISHNA of MBA students got 2 nd prize in MARKET MAKERS conducted by NALANDA GROUP OF INISTITUTIONS.
12	P.NAGA SRAVANI , M.SUSMITHA, of MBA students won 2 nd prize in EMPRESARIO conducted by KL UNIVERSITY.
13	G.RANGA RAO of MBA STUDENT got first prize in PPT conducted by P.B.SIDDHARTHA COLLEGE OF ARTS AND SCIENCE.
14	B.BALAJI , G.NAGA LAKSHMI of MBA students got first prize in SELFIE TIME

	conducted by MIC COLLEGE OF TECHNOLOGY
15	E. Samara simha Reddy of Civil final year student got first prize in PPT conducted by KALLAM HARINADH REDDY INSTITUTE OF TECHNOLOGY
16	Sk. Musaib of Civil final year student got first prize in PPT conducted by NEC
17	M.Vandana, M.Meghana of CSC final year student got first prize in PPT conducted by Malineni Lakshmaiah womens engg college
18	G.Priyanka of CSC final year student got first prize in PPT conducted by LITHAM.
19	Ch.Mahesh of CSC final year student got second prize in Poster Presentation conducted by NRIIT
20	J. UDAY HARSHA of MECH final year students got second prize in poster presentation conducted by NRIT
21	J. UDAY HARSHA of MECH final year students got first prize in poster presentation conducted by KITS
22	M SOWMYA of MECH final year students got second prize in poster presentation conducted by VVIT
23	Sk. NAGEENA of MECH final year students got second prize in poster presentation conducted by VVIT
24	Y.N. SRIHARI REDDY of MECH final year students got second prize in poster presentation conducted by VRSEC
25	Y.B.N. GOPI of MECH final year students got second prize in poster presentation conducted by VRSEC
26	Y.N. SRIHARI REDDY of MECH final year students got second prize in poster presentation conducted by KITS
27	Y.B.N. GOPI of MECH final year students got second prize in poster presentation conducted by KITS
28	The student T. Sai pavan kumar of KKR & KSR institute of technology and sciences participated in robotics work shop which was conducted by IURL and won 2 nd prize at SRM University Chennai
30	G. Priyanka of 3 rd CSE won first prize in PPT conducted in LITAM
31	CH. Divya of 3 rd CIVIL won first prize in PPT conducted by Malineni Engineering College
32	G. Tejeswar Reddy of 2 nd MECHANICAL won first prize in PPT conducted by NRIT.
33	Sk. Nagina and M.Sowmya of 3 rd MECHANICAL won 2 nd prize in PPT conducted by VVIT.
	A.Krishna Reddy, K.Naga Anil Kumar, D.Chenchu Reddy of 2 nd MBA won first place in

34	the MANAGEMENT MEET held at ALIET.
35	B.Balaji and G.nagalakshmi of 1 st MBA won first prize in the MANAGEMENT MEET held MIC college.
36	Sravani and Susmitha of 1 st MBA participated in the MANAGEMENT MEET held at KLU and got 2 nd prize in the event EMPHASSIS.
37	Y.Srihari and Y.Gopi of 2 nd MECHANICAL got 1 st prize for Poster Presentation at Krishnaveni Institute of Technology.
38	Ramu sravani of ECE 3 rd year got 2 nd prize in TECHNICAL QUIZ conducted by NEC.
39	U. Anantha Sai kumar of ECE got 2 nd prize in INDO-US ROBO LEAGUE held at SRM University
40	G.Sasi chandana & G.Vinitha of final CIVIL ENGG students got 2 nd prize in TECHNICAL QUIZ held at NRIIT.
41	A. Gowtham Sai K. Manikantaswami and K. srikanthreddy of 3 rd CSE attended Cloud Computing Work Shop at NIT Warangal.
42	Sk.Nayeem and team of 3 rd CSE participated in Cloud Computing WorkShop held at IIT Kharaghpur in 2013-14
43	Ch.Lohitha sree of 3 rd CSE got 2 nd prize for PAPER PRESENTATION at Tenali Engineering College in 2012-13
44	Students of 2 nd CSE got 2 nd prize in various Technical events, PPT, Web Designing, Group Discussion, Lan Gaming and Quiz in Intra College Competitions.
45	M.L. Siva Krishna Prasad and G. Anupama of 4 th CSE got 2 nd and 3 rd prizes in Programming and Quiz events at NRIIT
46	N.Pradeep kumar and G.Harsha vardan of 3 rd EEE students participated on PPT got 2 nd prize at Thirumala college of engineering .

ACHIEVEMENTS IN SPORTS

ACHIEVEMENTS IN THE FIELD OF SPORTS FOR THE YEAR 2015-16
KITS students participated in kabaddi match held at Nalanda Institute of Engineering and Technology in march 2016.
KITS students secured winners trophies for throw ball at tech fest conducted by Nalanda Institute of Engineering and Technology in march 2016.

The girls students of KITS secured winners trophies for Throw ball at tech fest conducted by Malineni women's engineering college and Malineni Perumalu College in march 2016.
KITS students participated in kabaddi match held at chirala engineering college and got 2 nd prize in Feb 2016
The girls students of KITS secured winners trophies for Throw ball at tech fest conducted by NEC in Jan 2016.
KITS student A.L.Pravallika participated in state level Throw ball competitions and won first prize conducted by chalapathi sports carnival in Jan 2016
KITS students participated in cricket match held at Eswar engineering college in Oct 2015
ACHIEVEMENTS IN THE FIELD OF SPORTS FOR THE YEAR 2014-15
KITS students stood as runners at DADA SHEB 20-20- Cricket Tournament which was held in 2015.
KITS students participated in kabaddi match held at chalapathi engineering college and secured winners trophies in Jan 2015.
ENADU Cricket Trophy was conducted at Guntur in the month of January. More than 50 Teams from different Engineering Colleges participated in it. where KITS students reached semi finals
JNTU Inter Collegiate D - Zone KABADI was conducted by JNTUK KAKINADA. KITS participated and reached semi-finals.
At NRIIT college fest the students of KITS participated and got Runners Trophy for the event of Throw ball.
K.Bala ram of KITS student won 3 rd place at ALL INDIA ETHLITICS MEET.

5.3.3. How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

The Exit feedback is taken from all the outgoing students every year seeking their opinion on the instructions and delivery, infrastructural facilities, library facilities, computing facilities, games & sports facilities, training facilities, support to placement activity, etc. The feedback of the students is compiled and all the suggestions made by the students are taking into consideration for effective improvements. The employers of the organizations are requested to give their feedback on the performance of the Alumni of this college employed in their organizations and this feedback is utilized to modify their methodology of teaching to suit industrial needs.

KKR AND KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year: 2015-2016 .

ALUMNI FEEDBACK

As part of our evaluation about the EEE department in KITS, would like to take a few minutes to complete this brief questionnaire. Your participation is greatly appreciated.

STUDENT INFORMATION

Name of the Student : Y Lakshmi Divya.
 Roll No : 12JRIA0216.
 Course/Branch & Year : B-tech./EEE (2012-2015)

PROVIDE YOUR COMMENTS ON THE FOLLOWING

Parameter	Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
College infrastructure				✓	
Library facilities				✓	
Department Resources	✓				
Faculties helpfulness	✓				
Effectiveness of teaching process	✓				
Quality of teaching	✓				
Computing & Internet facilities				✓	
Sports, , Extra Curricular facilities		✓			
Personality/Communications Skills Development facilities		✓			

KKR AND KSR INSTITUTE OF TECHNOLOGY AND SCIENCES
Approved by AICTE, NEW DELHI | Affiliated to: JNTUK-Kakinada
Vinjanampadu, prattipadu, Guntur-17

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year:

Date:

INDUSTRY EXPERTS FEEDBACK FORM

As part of our evaluation about the CSE department in KITS, We would like to take a few minutes to complete this brief questionnaire. Your participation is greatly appreciated.

1. Industry Profile

- Name of the Contact Person :
- Name of the Industry :
- Type of Industry :
- Address of Industry :
- Mobile No. : Office No. :
- Email :
- Would you like to be a member of Board of Studies (BOS) of this College?
Yes/ No

2. Opinion about the existing curriculum based syllabus:

5: Excellent <input type="checkbox"/>	4: Very Good <input type="checkbox"/>	3: Good <input type="checkbox"/>	2: Satisfactory <input type="checkbox"/>	1: Poor <input type="checkbox"/>
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3. Whether existing curriculum meets the modern technologies available in the Industries.

5: Excellent <input type="checkbox"/>	4: Very Good <input type="checkbox"/>	3: Good <input type="checkbox"/>	2: Satisfactory <input type="checkbox"/>	1: Poor <input type="checkbox"/>
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4. Are you willing to visit KITS for Academic interactions? : Yes / No

5. Suggestions to improve Curriculum related to current Industry:

.....

6. Any other Suggestions:

.....

Signature

5.3.4. How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications / materials brought out by the students during the previous four academic sessions.

Each department brings out quarterly / half yearly Department newsletters providing information with regards to the achievements and other activities of the department and also provides opportunities to students and faculty to communicate the latest developments in science and technology and also their opinions in the form of articles.

KITS YUVA POSTER 2016



➤ Every academic year college organizes KITS-YUVA, a national level students meet in technical, sports and cultural events. It is a two day student meet. Students from various colleges participate in this event. In this program spot events are also conducted in different branches to encourage the students. In this YUVA program they give cash prizes to all the winners.

DEPARTMENT NEWS LETTER

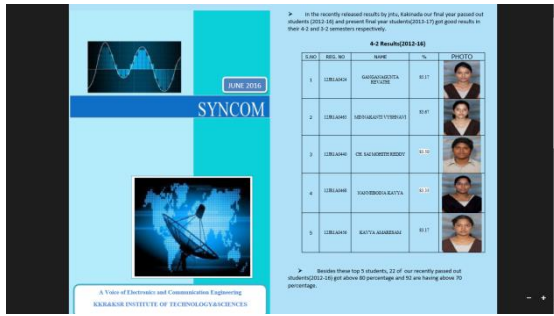


EEE news letter



CIVIL news letter





ECE news letter



CSE news letter



MECHANICAL news letter







5.3.5. Does the college have a Student Council or any similar body? Give details on its Selection, constitution, activities and funding.




YES

The institution believes in providing opportunities for the students in the form of various Platforms in order to inculcate organizational abilities and leadership qualities in the students.

Decentralized Mechanism to nurture the Leadership

S.No.	Forum	Establishment	Activity	Inauguration
1.	Sports Club	8 Aug ,2013	In this sports club, the students participate the cricket, volleyball, kabaddi etc in or off campus.	

2.	Cultural Club	5 March, 2015	In this cultural club, the students performed dance, rangoli, short films singing etc in or off campus.	
3.	LEAD(Learn English And Drive)	10 Oct , 2015	This organization targets to refine speaking abilities and to improvise lexis that accelerate the pronunciation for speaking	
4.	NSS	Oct 27, 2015	In this NSS, the students must participate to Watering the plants and motivate to people to prevent the pollution by growing the trees.	
5.	VOLTA 'EEE Branch Association'	11 Sep , 2011	In this association, the students participate the events and conduct the seminars.	
6.	CEA 'CIVIL Branch Association'	Sep 15 , 2013	In this association, the students help the poor students for educating and encourage the students to participate the activities.	
7.	SELF(Speak English Language	19 Dec , 2015	In this self program, the students must participate the individual and group activity	

	Fluently)		of different topics.	
8.	INFOMAC “CSE Branch Association”	10 Sep, 2011	In this association, the students can participate the activities of technical events.	
9.	ECELL (Entrepreneurship cell)	4 March 2015	IN E-Cell, the main intension is to motivate the students by Industrialists how to earn money in students life and some give business tips .	

5.3.6. Give details of various academic and administrative bodies that have student representatives on them. Taking cognizance of important role of students in different academic and administrative Activities, students are nominated as members of various committees.

Academic Bodies

- Class Representatives
- Library Committee
- T&P, ED and CG Cell

Administrative Bodies

- Anti Ragging committee
- Women Grievance Redress Committee
- Canteen Committee
- Teachers day, Engineers day, Technical Fest, Annual Sports and College day committees. It is also proposed to include student representatives in Student Welfare Committee. Student members represent the various issues and present their ideas at the respective committee meetings. Their suggestions are given due importance in arriving at decisions. The involvement of students in these creates better understanding between the administration and students, further brings to lights the time of thinking of the administration on college matters.

List of committees where students are present

S.no	Name of Committee
1.	Public relation / Media & Press
2.	R&D Consultancy
3.	Internal training committee
4.	Training & Placement
5.	Canteen Committee
6.	NSS Committee
7.	Social welfare Committee : BC/SC/ST
8.	Sports & Games
9.	Transport Committee
10.	Arts & Cultural Committee
11.	General Maintenance committee
12.	Department Association Committee
13.	Examination + Timtable+ Admissions
14.	Library Committee
15.	IIP Cell
16.	EDC Cell
17.	Website /ICT/Internet Committee
18.	Alumni Committee
19.	Woman welfare + sexual harassment
20.	Professional Societies

5.3.7. How does the institution network and collaborate with the Alumni and former faculty of the Institution.

a) Network with the Alumni: **Web portal: www.kitsgntalumni.com**

- The members of college administration and the senior faculty of all the departments Participate in the annual or semi-annual alumni meetings on invitation and seek their advice and support for the development of the institution.
- The college appoints one of the alumni as a member of College Governing Body.
- The departments seek the opinion / suggestions of alumni on various developmental activities by sending mails to them and requesting them to fill the pro forma supplied in this regard.
- An alumni portal is created in the college website for better interaction between the College and alumni.

CRITERION -6

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

Vision of the Institution

To produce eminent and ethical Engineers and Managers for society through imparting quality professional education with emphasis on human values and holistic excellence.

Mission of The Institute

The mission of the Institute addresses the needs of the society, students, traditions and values in the following way:

- Graduates of sound technical knowledge will be supplied to the market so that they can fulfill the needs of industry in specific and society in general.
- Overall development of the graduates in terms of academic excellence, industry orientation and personality development.
- The mission addresses the institutions traditions and value orientations by laying emphasis on ethical values in terms of transparency and fairness.
- The vision of the college will be realized since the mission lays emphasis on academic excellence, industry-academic interaction and personality development.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

Role of Top Management

The college is managed by eminent academicians like Dr. GVR Prasada Raju , JNTUK Registrar, Dr. N. Aroji Rani, Principal, MBTS Polytechnic College and Dr. P. Babu, the principal of this college. Dr. P. Babu has 28 years of teaching experience behind him. The top management in consultation with the principal and faculty designed the Quality policy as “We in KKR & KSR Institute of Technology & Sciences shall try to make this Institution a Centre of Excellence in the field of Engineering and Technical Education. All round development of students is our priority. The idea is to prepare Students to face the world with courage and confidence.”

Since the inception of the college in 2008, the management, the principal and faculty are committed to improve quality in areas such as improving the teaching quality, conducting guest lectures, seminars and FDP's and also improving the overall results of the college.

- The policies and plans are being formulated collectively by management ,principal and faculty together to ensure effective implementation of the same.

- The principal, being the head of the institution provides requisite leadership to the system. Further, he ensures that all provisions of the University bye-laws, the Statutes and the regulations are observed.
- The Chairman conducts meetings with staff and students at regular intervals to update himself about the college activities and also to know their future aspirations.
- The faculty in coordination with the Head of the Department concerned will help the principal and management to formulate the quality policy.

The college has a 11 member Governing Body (GB) comprises eminent personalities as members from industry, academics, university nominees etc., Two faculty members, in the capacity of faculty representatives are members of the Governing Body and they are actively involved in the decision-making process to sustain and enhance quality of education.

Role of principal

- The principal makes correspondence with AICTE, DOTE, University, State Government and other Government agencies. He also ensures that the college is ready for inspection at any time by any of these agencies.
- Recommends Purchase of requirements for laboratories.
- He is in possession of detailed road map of activities like tests, sports events, practicals, university examinations etc. He also inspires students and staff to plan and conduct national and international seminars.
- Result Analysis & Corrective action.
- Research & Development Activities: He formulates a road map for the short and long term development of the college.
- He is a member in the selection committee as appointed by the chairman.
- Feedback collection from students and analysis of staff performance.
- He recommends to the Chairman about the promotions and increments given to the staff based on performance appraisal.
- Conducting University examinations as Chief Superintendent.
- Reaching MOU's with Institutions of National and International repute.
- He shall host the Accreditation & Affiliation Inspection processes.
- He advises the Chairman about the commencement of new programs and increase in Intake of students.
- Functioning of the College as per Norms & Standards and overall monitoring of departments.
- The Principal submits a weekly report on important events that took place in the college and such other matters to the Chairman.
- Shall initiate, arrange various programs for staff and student development.

- Coordinates with departmental heads for the arrangement of workshops, seminars, conferences etc.
- He shall ensure that laboratories are periodically updated for conducting practicals.
- He tries to achieve 90% results in the University examinations.
- He ensures that the college is a member in technical associations like IEEE.
- He will submit the academic performance report to the chairman after cycle tests are evaluated.
- **Role of Faculty**
 - Faculty members are required to discharge their duties perfectly.
 - Dress code should be followed strictly. The dress code for men being tuck-in shirt with tie and shoes. Regular shaving and proper hair cut is expected. For women saree along with overcoat is the dress code.
 - Display of ID card is a must.
 - Efforts should be made to cover all the units in the syllabus in a phased and even manner i.e. it should be properly spread to avoid hasty completion of certain units at the 11th hour. The lesson plan should be submitted before the start of each semester.
 - Those who proceed on leave for external examination duties should take prior permission. Post facto sanction will not be given.
 - Faculty members who are on invigilation duty for internal / cycle test, should be available at exam cell 10 minutes before the commencement of test.
 - Two different sets of question papers for each subject shall be submitted before 3 days to the examination cell. Question paper should be prepared covering all the topics according to University model.
 - Identify the slow learners / weak students and conduct special coaching classes after working hours regularly. Extra theory classes will be conducted for topics which are not well understood by students. Similarly, extra practical classes are conducted for better understanding and practice.
 - Faculty members are expected to attend the sponsorship programs or any other activity conducted by colleges anywhere outside the campus. Any violation in rules and regulations will attract action.
 - Faculty members are requested to submit their test or examination marks on correct time.
 - All the faculty members should sign in the attendance register 10 minutes before the commencement of working hours and 10 minutes after completion of working hours.
 - Faculty should pay due respect to senior colleagues and superiors. Courteous behavior with fellow staff as well as non teaching staff is expected.

- Faculty should instruct the students to put separate note books for each subject and validate every week.
- Faculty members have to revise the previous day class topics every next day in their class hours for a maximum of 5 minutes.
- Faculty members should conduct an examination in the test note-book and maintain it properly. Appropriate marks have to be awarded for all the attended answers.
- Lectures should be delivered only in english.
- If the students secure less than 60 marks, then a test will be conducted again and if they are in the same status, they are asked to bring their parents.
- If a student scores less than 50% marks then he / she will be declared as weak student. He/she needs special classes to improve his / her performance. Classes to weak students will be held at least 15 days in a semester between 3.30pm to 4.30pm. At least two special tests will be conducted for 30 minutes duration each. No fee will be collected from them.
- The HOD shall keep all the consolidated marks of all students both class wise and semester wise. Thus he should be in possession of all marks of all students studied in this college.
- Assignments should not become a burden to students. Questions given in assignment should not be routine, and provoke interest and should reflect depth in the subject.
- Cell phones are not allowed during working hours. Staff are advised to desist from carrying cell phones during class & practical sessions. If not avoidable, they may keep them in silent mode during class hours or practical sessions.

6.1.3 What is the involvement of the leadership in ensuring :

- a. The policy statements and action plans for fulfillment of the stated mission
 - b. Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan
 - c. Interaction with stakeholders
 - d. Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders Reinforcing the culture of excellence
 - e. Champion organizational change
- a. The chairman and secretary in consultation with the principal make action plans for the fulfillment of the mission. As mentioned earlier the mission of the college is student orientation. The policy statements of the college are improving teaching-learning processes, commitment to quality education, preparing students to get as many placements as possible through CRT classes etc. The action plans for the fulfillment of the mission are recruitment of Doctorates and other qualitative staff for improved teaching, conducting CRT classes to the students for more placements, developing english skills among students, through special English classes etc.
 - b. Departmental plans will be formulated by the HOD's in consultation with the staff concerned through meetings and the same will be communicated to top management through principal. After

collecting and receiving the different departmental plans the top management formulates the institutional strategic plan.

c. The college regularly interacts with stake holders such as students, alumni, parents, industry, partners etc through letters, phone calls and SMS. It also conducts parents meet on the eve of inaugural day and conducts alumni meet once in a year. Further, the college interacts with students through various programs like KITS Yuva, and also in functions like rewarding good performance and counseling poor performers.

d. The leadership provides proper support for policy and planning through need analysis, research inputs and also through consultations with stake holders. The recruitment and selection policies are made keeping in view the staff requirements and also for fulfilling the AICTE norms. The college releases advertisements in regional and national news papers in the last week of April and closes the selection process by the first week of June. All the same, the college has gone for expansion of building and infrastructure to ease the burden on existing buildings. The decision for expansion has taken place in consultation with stake holders.

e. The college follows good values, beliefs and practices thereby it reinforces the culture of excellence in areas like education, placements. In addition it rewards good performance.

f. Change is the law of life. As per the changes in the education environment, the college changes itself. When the university makes changes and improvements in the syllabus from time to time, accordingly the college moulds the staff by imparting relevant training. All the same, it buys books as per the revised syllabus. Further, when university changes the rules regarding mid examination marks, attendance uploading etc. accordingly, it has made changes in its system.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

The college regulatory bodies like Governing Body, Academic Advisory Committee (AAC), College Academic Committee (CAC) and Internal Quality Assurance Cell (IQAC) will meet at regular intervals and ensure that the policies and plans are effectively implemented.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

The top management provides academic leadership to the faculty in terms of the following.

- Faculty is encouraged to qualify the GATE / NET examination. They are also encouraged to complete their Doctorate. Staff who complete their Doctorate are placed in a higher scale with more increments.
- The college borne 50% of the expenditure incurred by the faculty for the publication of articles in different journals.
- The college motivates its faculty to participate in Seminars, Faculty Developments Programs and other useful programs.
- The above stated measures undertaken by the college helped in achieving academic leadership by faculty.

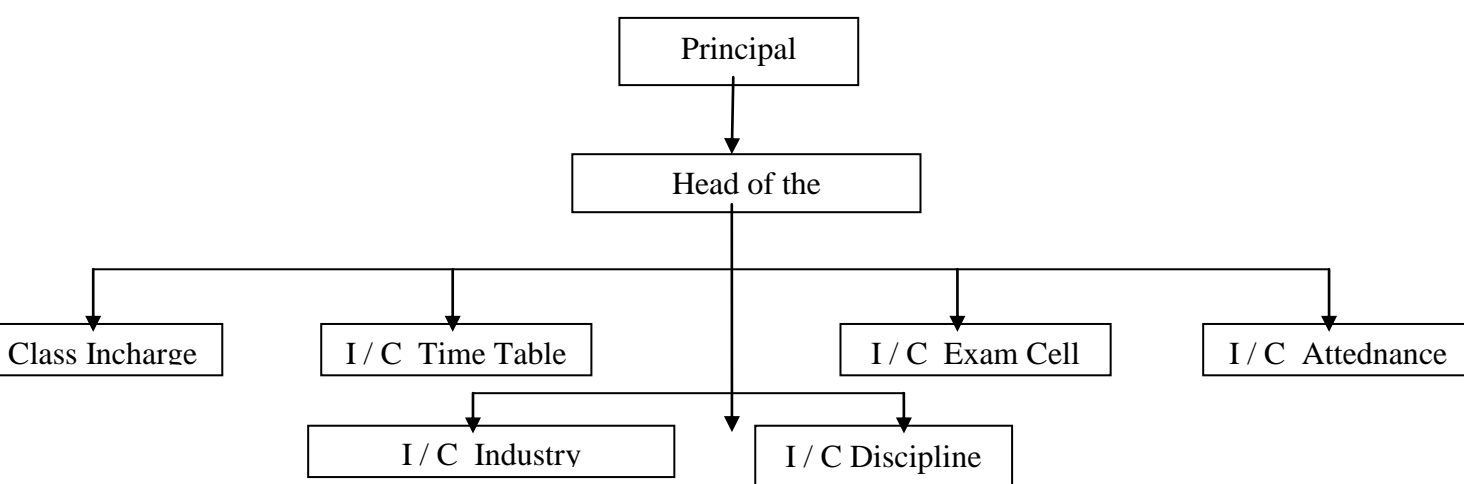
6.1.6 How does the college groom leadership at various levels?

The college grooms leadership at various levels such as student level (student in charge), staff level (Staff In charge) and HOD level. It will entrust specific responsibilities to each of the leader identified and ensures that he/she moves in the right direction. Wherever deviations are found they are

rectified by giving suitable suggestions.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

The college practices the principle of delegation from top management to principal and from principal to HOD's. The HOD's enjoy considerable autonomy in conducting internal examinations, guest lectures, seminars, faculty development programs etc. Further HOD's enjoy freedom to sanction different leaves to faculty. In addition erring students are mostly dealt by HOD's concerned and the problems are resolved at the HOD level. The delegation of authority that takes place in the college is presented hereunder



6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

The college promotes a culture of participative management. The participative management is visible in areas like students - staff interactions, HOD-staff interactions, HOD's – Principal interactions and interactions across various levels. The list of Committees shown below gives a clear picture of participative management in the area of decision making.

S.No	Name of Committee
1	Academic Advisory committee
2	College Academic Committee
3	Students Counseling and Grievance Redressal Committee
4	Purchase and Store Committee
5	Public Relations, Press and Media
6	R&D, Consultancy
7	Internal Training
8	Training and placements
9	Canteen committee
10	NSS Committee
11	Social welfare(SC,ST&BC)
12	Sports and Games
13	Transport Committee

14	Arts and Culture
15	General maintenance
16	Department Association Committee
17	Examination, Timetable and Admissions Committee
18	Library Committee
19	Industry and institute partnership Cell
20	Entrepreneurship Development Cell
21	Website, ICT Committee
22	Alumni Coordination Committee
23	IQAC
24	Women Welfare Committee
25	RTI Committee
26	Professional Societies
27	Electrical Computer network maintenance committee
28	Faculty Grievance Committee
29	College Disciplinary Committee


6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Yes. The college has a formally stated quality policy. The quality policy of the college was developed by Top management in consultation with all the stake holders immediately after establishing the college. After developing the quality policy, it was widely circulated among all the stake holders for adherence of the same.

Quality Policy of the college

“We in KKR & KSR Institute of Technology & Sciences shall try to make this Institution a Centre of Excellence in the field of Engineering and Technical Education. All round development of students is our priority. The idea is to prepare Students to face the world with courage and confidence.”

	<p style="text-align: center;">QUALITY PROCEDURE MANUAL</p> <p style="text-align: center;">KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES</p>
<p style="text-align: center;">TITLE</p>	<p style="text-align: center;">DUTIES AND RESPONSIBILITIES OF THE PRINCIPAL</p>

Role of principal

- The principal makes correspondence with AICTE, DOTE, University, State Government and other Government agencies. He also ensures that the college is ready for inspection at any time by any of these agencies.
- Recommends Purchase of requirements for laboratories.

- He is in possession of detailed road map of activities like tests, sports events, practicals, university examinations etc. He also inspires students and staff to plan and conduct national and international seminars.
- Result Analysis & Corrective action.
- Research & Development Activities: He formulates a road map for the short and long term development of the college.
- He is a member in the selection committee as appointed by the chairman.
- Feedback collection from students and analysis of staff performance.
- He recommends to the Chairman about the promotions and increments given to the staff based on performance appraisal.
- Conducting University examinations as Chief Superintendent.
- Reaching MOU's with Institutions of National and International repute.
- He shall host the Accreditation & Affiliation Inspection processes.
- He advises the Chairman about the commencement of new programs and increase in Intake of students.
- Functioning of the College as per Norms & Standards and overall monitoring of departments.
- The Principal submits a weekly report on important events that took place in the college and such other matters to the Chairman.
- Shall initiate, arrange various programs for staff and student development.
- Coordinates with departmental heads for the arrangement of workshops, seminars, conferences etc.
- He shall ensure that laboratories are periodically updated for conducting practicals.
- He tries to achieve 90% results in the University examinations.
- He ensures that the college is a member in technical associations like IEEE.
- He will submit the academic performance report to the chairman after cycle tests are evaluated.

Role of Faculty

- Faculty members are required to discharge their duties perfectly.
- Dress code should be followed strictly. The dress code for men being tuck-in shirt with tie and shoes. Regular shaving and proper hair cut is expected. For women saree along with overcoat is the dress code.
- Display of ID card is a must.

- Efforts should be made to cover all the units in the syllabus in a phased and even manner i.e. it should be properly spread to avoid hasty completion of certain units at the 11th hour. The lesson plan should be submitted before the start of each semester.
- Those who proceed on leave for external examination duties should take prior permission. Post facto sanction will not be given.
- Faculty members who are on invigilation duty for internal / cycle test, should be available at exam cell 10 minutes before the commencement of test.
- Two different sets of question papers for each subject shall be submitted before 3 days to the examination cell. Question paper should be prepared covering all the topics according to University model.
- Identify the slow learners / weak students and conduct special coaching classes after working hours regularly. Extra theory classes will be conducted for topics which are not well understood by students. Similarly, extra practical classes are conducted for better understanding and practice.
- Faculty members are expected to attend the sponsorship programs or any other activity conducted by colleges anywhere outside the campus. Any violation in rules and regulations will attract action.
- Faculty members are requested to submit their test or examination marks on correct time.
- All the faculty members should sign in the attendance register 10 minutes before the commencement of working hours and 10 minutes after completion of working hours.
- Faculty should pay due respect to senior colleagues and superiors. Courteous behavior with fellow staff as well as non teaching staff is expected.
- Faculty should instruct the students to put separate note books for each subject and validate every week.
- Faculty members have to revise the previous day class topics every next day in their class hours for a maximum of 5 minutes.
- Faculty members should conduct an examination in the test note-book and maintain it properly. Appropriate marks have to be awarded for all the attended answers.
- Lectures should be delivered only in English.
- If the students secure less than 60 marks, then a test will be conducted again and if they are in the same status, they are asked to bring their parents.
- If a student scores less than 50% marks then he / she will be declared as weak student. He/she needs special classes to improve his / her performance. Classes to weak students will be held at least 15 days in a semester between 3.30pm to 4.30pm. At least two special tests will be conducted for 30 minutes duration each. No fee will be collected from them.

- The HOD shall keep all the consolidated marks of all students both class wise and semester wise. Thus he should be in possession of all marks of all students studied in this college.
- Assignments should not become a burden to students. Questions given in assignment should not be routine, and provoke interest and should reflect depth in the subject.
- Cell phones are not allowed during working hours. Staff are advised to desist from carrying cell phones during class & practical sessions. If not avoidable, they may keep them in silent mode during class hours or practical sessions.

Role of HOD

- The HOD is responsible for all the activities of the department. He prepares the road map of the semester mentioning the unit wise class schedule, tests, practicals, guest lecturers etc and handover it to the Principal. An approved copy by Principal may be given to class representative for information of all students.
- The HOD will have to ensure that all the rules and regulations are followed by the staff and students.
- The HOD has to convene intra department staff meetings.
- The HOD will have to formulate and strictly adhere to action plans on a semester by semester basis.
- The HOD has to monitor all the students and indiscipline if any has to be viewed seriously and report the same to Discipline Committee.
- The HOD will have to supervise and moderate faculty's course plan periodically.
- The HOD should take all initiatives for the overall improvement of results in the department.
- The HOD is expected to organize guest lecturers / conferences / workshops.
- The HOD has to make sure that the laboratory needs are met with on a regular basis. Any discrepancies will have to be forwarded to the purchase department.
- The HOD shall ensure that all the equipment is in working condition all the time. If not, he has to direct the lab assistants to rectify them and in case of major problems, he has to forward the equipment for repairs outside.
- The HOD will have to ensure that the time table and academic schedule are followed on day to day basis. He is also responsible for alternative arrangements, if need arises.

Role of Class In charge

-
- He/she has to monitor student's attendance and behavior. If it is not good, then he has report to the HOD. He also directs the students to meet the HOD with parents.
- He/she hands over the explanation and apology letters to the HOD concerned.
- He/she reports complaints if any.

Role of Lab Technicians

- List of experiments conducted shall be displayed inside the laboratory.
- Stock register shall be maintained properly and should be shown to the audit team.
- In & out register shall be maintained separately for students (II, III and IV YEAR)

- Equipment should be maintained neat and clean by the lab assistants. It shall be the duty of the lab assistant to keep all equipment in serviceable condition.
- If any equipment is not working, efforts should be made to repair it locally by procuring components. If it can not be repaired locally, a certificate to this effect should be signed by lab assistant as well as lab in charge and shall be handed over to the HOD.
- Ensure proper cleanliness inside the Laboratory floor and ceiling by instructing housekeeping persons properly.
- Lab manual and master record shall be maintained properly.
- Individual work load of lab technician shall be submitted to the Principal through the HOD.
- Quotation, Purchase order, Copy of bill, Laboratory equipment requirements shall be kept in the file properly. He should be in a position to show these documents to any senior colleagues, staff in charge and college authorities any time.
- Ensure that fans, lights and other electrical connections are switched off before leaving the laboratory.
- Cost of breakage shall be assessed by Lab assistant / Lab in charge. Record of breakage loss should be reported to office.

Role of Purchase Manager

- Shall be responsible for procuring equipment.
- Component / equipment delivered in the week, any order pending to be delivered and the reason for pending deliveries should be noted and maintained.
- Enquiry has to be made for any delay.
- Total amount spent for the week for purchase should be recorded..
- Shall be responsible for repair of lab equipment and other equipment entrusted to him.
- Shall maintain register and files properly.

Role of Librarian

- Standard and prescribed test books have to be procured and maintained..
- Issue the books for students.
- Issue of books to staff.
- Reference book to the student can be issued for 2 days after getting permission from the HOD.
- Keep records of weekly magazines and monthly magazines purchased.
- New arrivals of magazines or any other book shall be displayed in the notice board.
- Should check the stock once in three months and assist the audit team.

Role of Physical Education Director

- Sports information should be displayed in the notice board and it should be intimated to the students for their participation in outside events.
- Coaching to the students and periodically conduct inter college activities.
- Details and position in the tournament should be submitted to the principal. Coaching should also be conducted for the staff.
- Should plan, organize intra college sports meet once in each semester.

Role of Transport Manager

- Transport manager should maintain bus numbers, drivers names and condition of all the buses.
- Seat allocation should be allotted to all students and staffs.
- Fuel for the buses and van has to be filled during the college hours and should be recorded in the weekly report.
- All the buses should be maintained clean and neat.
- Each driver will be allocated a particular bus.
- Absence of drivers should be noted properly and alternative arrangements should be arranged beforehand.
- Should call for a meeting of all drivers and cleaners at 9 am each day to take their feedback and take note of any repairs and requirements.
- Should handover uniforms to drivers and maintain a record of it.

Duties And Responsibility of Office

- Professional environment has to be maintained at any cost.
- All the visitors / Invitee's have to be treated courteously. All the mails / letters / Invitations have to be handed over to the respective person/ department on the same date of receiving.
- Important documents have to be given highest priority and care and maintained well. Queries made by staff members / outsiders have to be addressed properly.

Duties and Responsibility of Accountant

- Disburse amounts which are being authorized by Advisor / Chairman without any delay.
- Prepare salary bill for each month in time and without any discrepancies.
- Maintain all the accounts and systemize them.
- Payments to the dealers have to be made in time, as decided by both parties.

Duties and responsibility of house keeping

- Every house keeping employee should be in the college before 7.30 am.
- Before the college starts, allotted class rooms, verandah and labs should be cleaned daily.
- The rest room should be cleaned and maintained properly.
- The request made by the HOD's / Staff should be dealt with immediate effect and care.
- Lawn should be maintained daily and watered properly.
- During examinations for every one and half hour, water should be provided to the students.

Procedure for attending conference / seminar for students

- Once pamphlet about conferences and Seminars is received by the office, it will be sent to the concerned HOD.
- Details of conference should be intimated to the students by the HOD and it be put-up in the notice board within one day.
- Interested students shall give their names to the concerned HOD.
- Students should submit their paper to the HOD.
- Title, abstract and content of the papers should be evaluated and short listed by HOD.
- Short listed students will be intimated by the HOD.
- Candidates who attend the conferences / seminars have to submit their certificate to concerned HOD after their return.

Credo for student violations

- The HOD shall ensure that classes are conducted regularly. He should ensure that students don't roam in the verandahs and make noise.
- Every lecturer has a duty to ensure that students follow the rules and regulations scrupulously. A list of deviant behavior is enlisted and measures have been recommended.

S.NO	Stipulation	1 st time	2 nd time	3 rd time
01	Dress Code: For Boys: Neat formal pants with shirts tucked in, formal shoes, proper hair cut, and regular shaving is a must. Nails should be cut regularly. For Girls: College Uniform	Moderate warning	Counselling	Discipline committee may ask the students to bring their parent
02	Late coming	Excused	Counselling	Required to bring parents
03	Leaving blank Paper in the unit test / cycle test	Warning by subject staff	Required to meet HOD	Required to meet principal along with parents
04	Failing in the test	Special Classes	Required to meet HOD along with parents	Required to meet principal along with parents
05	Unauthorized leave	Moderate warning	Required to meet HOD along with parents	Required to meet principal along with parents
06	Not submitting the Record Note Book with in 3 days	Permission to write outside the LAB	To meet HOD	Required to meet principal along with parents
07	Shouting in the classroom when the lecture is in progress	Required to meet HOD	Discipline committee	Asked to bring their parents
08	Misbehavior with fellow girl students	Meet the Disciplinary Committee	Meet principal along with parents	-----
09	Leaving college before the end of working hours	Warning	Required to meet the HOD	Required to meet principal along with parents
10	Having mobile phones	Moderate warning	Required to meet the HOD	Required to meet principal along with parents

Instructions to the Students While In Laboratories

- All students should wear lab coats and shoes.
- Students should bring their record notebooks, whenever they come to labs.
- Observation notes should be completed immediately after the practicals and the signature of the subject in charge should be obtained immediately. Similarly, record notes should be

completed within 3 days and the signature of the subject in charge should be obtained immediately.

- Students should make sure that all the power supplies are in off position while leaving the lab.
- Discipline & Decorum of the laboratory should be maintained.
- Students should not wander inside the laboratory during the session.
- Any components broken shall be replaced by the purchase manager.
- Any misbehavior in the laboratory would be viewed seriously. The students indulging in misbehavior would be asked to appear before Discipline Committee and suitable fine or appropriate action or both would be imposed.

Instruction to the students while in campus

- Students are expected to exhibit their identity cards all the time inside the campus. They should not keep the ID cards inside their shirt pocket.
- Discipline, Decorum and order of the college have to be kept in mind.
- Wandering inside the campus during class hours is strictly prohibited.
- Standing in groups in verandahs/wings during break time has to be avoided. Students are advised not to indulge in any kind of misconduct inside the premises.
- Boys should pay due respect to all the staff members of the college. They should wish the staff and college authorities. Treat the fellow students, with respect. Girls should be treated with due courtesy.
- Leave will be given only when it is absolute necessary. Leaves should be taken with prior approval of HOD only.
- Students are not permitted to go out of the college during college hours. Students shall not roam and stand unnecessarily in the verandahs during the break hours.
- Students shall maintain discipline and silence throughout the college working hours.

Instruction to the students during examinations

- Students should be present in the examination hall 10 minutes before the commencement of unit test and occupy their allotted seat.
- Any kind of malpractice is strictly prohibited. They should not keep mobile phone even in switched off mode during examinations.
- Students are advised to make sure that the question papers and answer booklets are in order.
- Students are advised not to write any thing on the question paper other than their register number.
- Students should not indulge in any kind of conversations with others inside the exam hall.
- All students are expected to bring all items like pen, pencil, calculator, eraser etc on their own. Borrowing from fellow students is prohibited.

Monitoring examination, evaluation and progress report

Name of Subject Code & Name:

Dept & Semester

Name of the Lecturer

S.NO.	EVENTS	TIME Limitation	Signature
1.	Submission of questions paper to exam cell	3. Days	Date of submission: Name & Sign of Rep of Exam

			cell
2	Conduct of Unit Test	0. Day	Date of Unit test
3	Evaluation of test paper and showing to students	2. Days	Date Sign of Subject Teacher...
4	Handing over of marks data to the examination cell	3 rd Day	Date..... Name & Sign of class I/C exam cell
5	Remarks by HOD / Principal	4 th Day	Date..... & Time.....

Delay attributed to whom

Received by Principal Date.....

Remarks by Exam Section : Date.....

Remarks By Chairman Date

	KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES Student Leave Application Form (Leave letter should be handed over to HOD after completing formalities)	Date
--	---	---------------

1. Name : Signature

2. Branch/year :

3. Contact No. & E-Mail :

4. No of days requested and date:

5. Reason for leave :

7. Name of HOD -----

Action by Principal :

Pre-sanction / Post facto Sanction by Principal
--

Student counseling

Objective: To monitor the progress of students individually and to help them overcome their deficiencies as well as to identify their skills and canalizing them for development.

Procedure :

- i) A batch of 20 students will be allotted to a lecturer by HOD. The periodicity of counseling session will be once in a month.
- ii) Academic profile, monthly attendance, Unit test marks, participation in sports etc shall be the subject matter of the counseling sessions. Any instruction by the chairman or principal or HOD or any authorities shall also be passed on to the students during counseling sessions. Before each counseling session, student's details will be collected by the counselor.
- iii) Counsellor report shall be prepared by the counselor on the same day of the meeting.
- iv) The next counseling meeting shall start after assessing the developments of the previous meetings. The following format may be used for preparing report.

Sl. No.	Student name	Attendance % if below 90%	If less than 50% in tests	Participation in class activities	Suggestion by student	Report by Counsellor

Grievance redressal : transportation

Objective :

To reduce complaints by taking corrective action ad to improve the quality of transport service.

Responsibility : Transport Manager

Procedure :

All complaints about transportation shall be addressed to Transport Manager. If the principal receive any complaints, then he may hand over them with his remarks to the Transport Manager. The complaint may be made through direct phone calls / letter or in person to the Transport Manager. The complaints are recorded in the complaint Register. Corrective action is taken by the Transport manager and recorded in the complaint register. Corrective action will be intimated to complainant within 24 hours. Number of complaints, corrective action etc should be reflected in the weekly returns.

A register with following column shall be maintained by the transport manager.

Sl. No.	Name of the person complained	Complaint	Remedial action taken	Whether informed by phone to the complainant

Stock verification by audit team

Purpose: To check the Consumable and Non-consumable stock in the Departments.

Objective: To maintain adequate Stock in all the Departments.

Procedure:

Stock verification is done once in 3 months. It shall normally be done in the first week of January, April, July and October. Principal appoints 2 lecturers as audit officers who will do stock verification. The Stock verification officers along with the Stores in-charge will do physical stock verification of the consumable ad non-consumable stock in the entire department. The discrepancies in the stock are noted down by the verification officers. After the stock verification, the physical verification report with discrepancies if any are submitted to principal or Chairman through principal.

The following report shall be submitted after the remarks by principal to Information centre.

Item Name	Quantity as per stock register	Physical quantity	Deficiency	Mention cost only for deficiency quantity

Weekly report by HOD

Name of the HOD

DEPARTMENT:

Sl.No.	PARTICULARS	REMARKS
1	Staff who were absent any time during last week (Mention the name).	
2.	Details of guest lectures arranged by the HOD or planned	
3.	Activities like seminars arranged and planned.	
4.	Membership status detail of college in IEEE and steps initiated to join such associations	
5.	Whether in possession of consolidated marks details of students for all semester.	
6.	Steps taken for improving the weak students	
7.	Steps taken for the academic improvement of the department	
8.	Recommendations for imposing penalty to students and improvement seen from students	
9.	Details of meeting with fellow staff	
10.	Points arose in weekly meeting with staff	

HOD

Weekly report by Lecturer

STAFF NAME:

DEPARTMENT:

Papers handled:Theory1 :

Theory2:

Lab1 :

Additional responsibility:

DATE:

Sl.No.	Particulars	Theory1	Theory2	Lab1	Dept/Additional responsibility	Remarks
1.	No.of classes handled					
2.	Topics covered					
3.	Lab exercise completed					
4.	Class tests report					
5.	Monthly test report					
6.	Report on special classes and tests for the weak students					
7.	Whether any counseling is done					
8.	Detail of tutorials conducted					
9.	Whether log book for each student has been updated for the last week					
10.	Details of Guest lectures and Seminar					

Staff

HOD

Weekly report by Lab Assistant

(To be submitted to the HOD)

Name of the Lab asst.:

For the Week : From To

Equipments on repair :

1.1 Sent for repair on date :

1.2 Received from repair on date:

2. Breakage of equipment details

Whether list of Experiment is displayed

Any purchase done during the week

Whether any purchase order is
made and to whom made

If any deficiency in stock noted
and the cost

If all equipments are neat and clean

Whether the house keeping persons
cleaned the floor and ceiling regularly
and if not whom did you report

If all electrical points, light, fans,
etc are working and if not did
you report this to maintenance staff?

Lab assistant

HOD

Weekly report by Physical Education Director

Weekly report by physical education director	REMARKS
No of Pamphlets received from other colleges etc	
Details of students participation in outside events and position if any	
Details of the in-door and outdoor sport activities	
Changes/improvements made to sporting facilities	
Details of sport coaching conducted	
Details of purchasing balls, bats, etc	
Amount spent during last week	

Weekly report by Discipline Committee

Cases recommended for disciplinary action against the students and a brief note of the Case

- :
1. Number of show cause notices issued :
 2. Instances of warning issued :
 3. Instances of parents meeting :
 4. Apology letter given by students :
 5. Corrective actions suggested :
 6. Any other information Committee want to put-up:

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

The management has a perspective plan for the development. The promoter society is committed to the development of education, augmentation of infrastructural facilities and growth of the institution. It specifies targets to the institution basing in which budget is allocated. The management aims to make the college grow into an ideal center of excellence and develop it to the level of a mini-university by understanding that educational systems change according to the current and future needs of the society. In accordance with the views of the society, the college determines the needed infrastructure for academic advancement, and allocates budget accordingly. The plan includes provision of various benefits to students.

Academic Advancement

- Provision of M.Tech and M.B.A
- Promotion of research
- Admissions improved

KKR & KSR Institute of Technology and Sciences

Admission Details for last four Years

Years / Category	Year 1			Year 2			Year 3			Year 4		
	2013-14			2014-15			2015-16			2016-17		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
SC	65	13	78	30	6	36	33	4	37	40	9	49
ST	3	1	4	2	1	3	5	0	5	1	1	2
OBC	149	81	230	114	61	175	113	38	151	109	55	164
General	231	169	400	273	227	500	228	221	449	191	190	381
Others	0	0	0	0	0	0	0	0	0	0	0	0
	Total		712	Total		714	Total		642	Total		596

Improved Placements

KKR & KSR Institute of Technology and Sciences

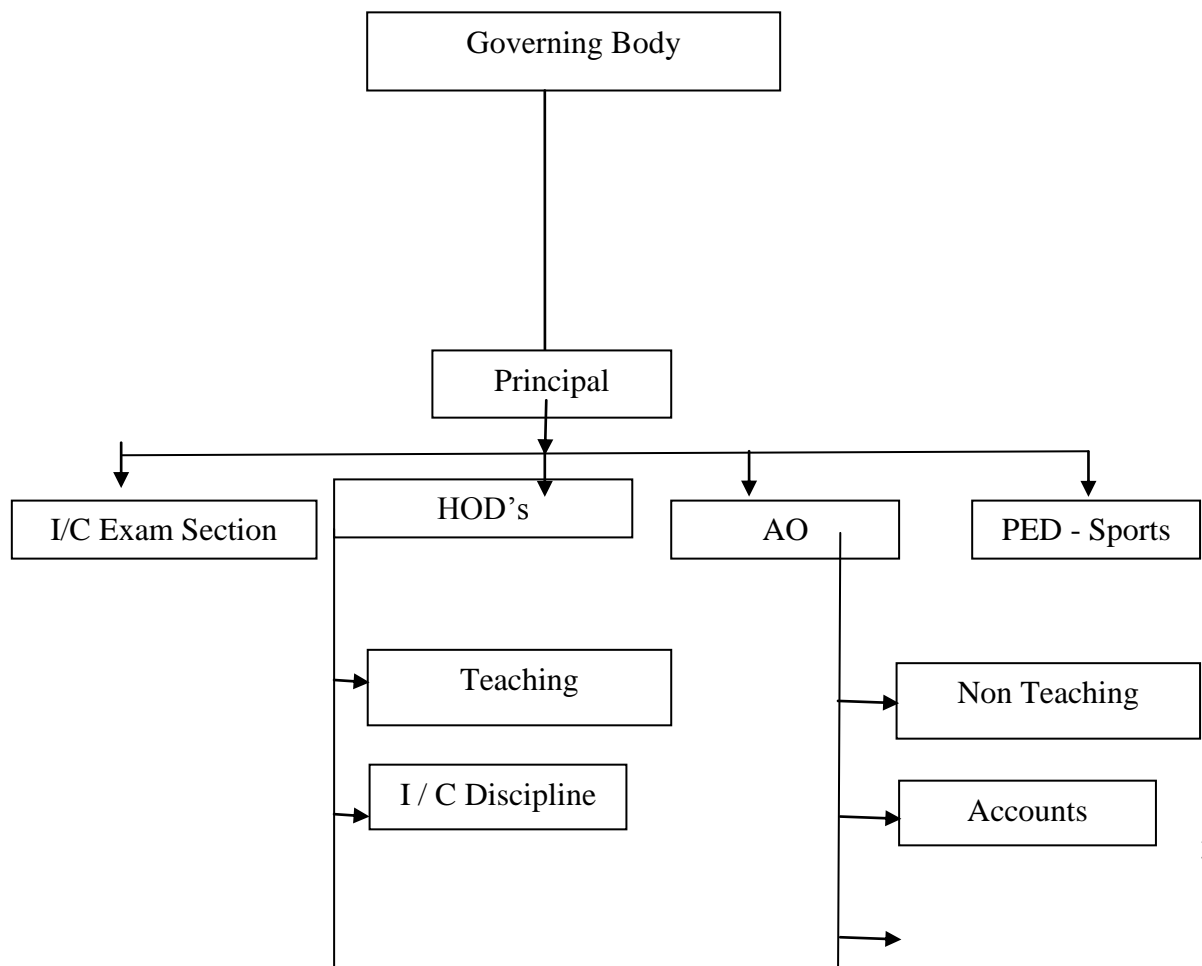
Placement Details for last four Years

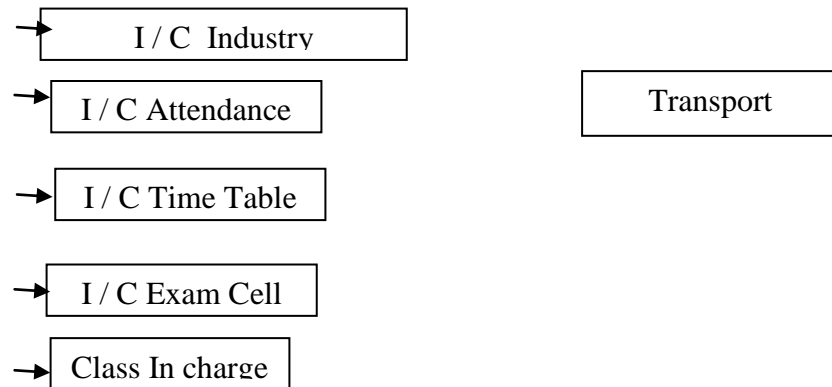
Years / Branches	2013-14	2014-15	2015-16
MECH		19	34
CIVIL		39	26
EEE		14	30
ECE		41	70
CSE		53	73
M.B.A	1	4	24
Total		170	257

Provision of Infrastructure

- Transport and communication
- Extension of library
- Separate block
- Development of canteen

6.2.3 Describe the internal organizational structure and decision making processes.





Chairman is the head of the institution who has direct control over the principal of the college. The principal in turn controls the HOD's, I/C Examination Section, Administrative Officer and Physical Education Director. The examination selection after getting the examination schedule, decides the number of staff required for conducting the examination. Then he informs the principal about the requirement and the latter will take a decision to provide the same.

The HOD will take decisions in areas such as staff requirements, disciplinary actions to be initiated against erring students and staff, mid examinations to be conducted, sanctioning leaves to staff and industrial visits to be made. He discusses all these matters with senior staff and principal and accordingly he will take decisions.

The Administrative Officer who is the head of non-teaching staff will take decisions in areas such as sanctioning leaves to the non teaching staff, provision of facilities to the visiting faculty and eminent personalities and conducting various other activities of the college.

The Physical Education Director takes decisions about the sports to be conducted, purchase of sports material and participation in inter university sports.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

- Teaching & Learning
- Research & Development
- Community engagement
- Human resource management
- Industry interaction

Keeping in the view of vision and mission of the college, each Department formulates its its Program Educational Objectives (PEOs) and Program outcomes (POs)

The quality improvement strategies of the college are:

1. Planning
2. Execution and monitoring
3. Review and Analysis

Teaching & Learning

Planning

- HOD convenes meetings at regular intervals so as to know the effectiveness of teaching and learning processes.
- He suggests some modifications in PEOs and POs or confirms the existing one
- In synchronization with PEOs and POs, he suggests various plans to strengthen the teaching-learning process based on curriculum and industry requirements.

Salient features of Teaching - Learning process involved during last four years:

- Preparation and presentation of academic plan by individual faculty for the allotted subject
- Lesson plan and methodology
- Topics beyond the syllabus and activities to be covered. (Guest lectures, workshops etc.)
- Tutorials, Assignments
- seminars
- Add on experiments
- Remedial classes

Execution and monitoring

- Faculty members will have a meeting before the commencement of the semester.
- Periodic meetings to monitor the implementation of the standards set.
- Visits of principal to each Department regarding the quality of the activities.
- Corrective measures for effective implementation.

Review and Analysis

The Principal and HOD concerned will review and analyze the teaching- learning processes .If there are any deficiencies , suitable measures are taken.

Analysis is based on following four parameters:

- Course assessment feedback from the students of each class at the end of the semester
- Feedback from students regarding the performance of the teacher
- Subject wise analysis of the University results
- Review of the course file submitted by individual faculty member

Research & Development

Planning

The principal prepares a note on Research and Development activities of the college. Governing Body reviews the details of it and suggests various ways to expand its base. The HOD prepares a plan in consultation with Principal and the latter allocates reasonable funds for R&D.

Execution and monitoring

- Principal motivates faculty to undertake research projects in their area of specialization funded either by promoters or external agencies.
- Principal monitors effective implementation of various schemes aiming to promote research culture in the Institute (E.g.-On duty leave facilities and partial financial support to publish papers)
- Principal conducts a meeting once in a month to discuss the current trends in science and Technology. It also encourages the faculty members to present their respective topics before or after attending the conference or workshop
- Principal conducts various programs to promote research attitude among students. He also helps individual departments in organizing Workshops.

Review and Analysis

- The college collects data related to publications, workshops and conferences attended and persuasion of Ph.D.etc. from all the Departments in the month of January every year.
- It prepares a note on the achievements of the year along with the plan of next year and submit it to the management for further discussion and decisions

Community engagement

Planning

The college authorities identify the needs of society in general and surrounding community in particular. The NSS unit takes inputs from various NGOs, reports of socioeconomic surveys etc and gives specific inputs to the management to prepare a `plan for community engagement through various activities

Execution and monitoring

The NSS unit suggests the scope for service oriented activities to the Principal. It also organizes a series of programs in nearby villages or in the campus on various occasions such as blood donation camps, medical check-up camps, social forestry, etc.

Review and Analysis

The management analyses the reports of the above stated programs through documentation.

Human resource management

Planning

The college plans for human resources at the end of April every year keeping in view the employee turnover. Subsequently it advertises in different news papers for recruitment and selection of man power.

Execution and monitoring

The college conducts interviews in the last week of May as per university norms and appoints staff immediately. In the interviews, utmost importance is given to merit. The college provides leaves, promotions and other facilities to the staff keeping in view the larger interests of the college. The college also monitors the performance and behavioral aspects of the staff and accordingly it gives relevant suggestions.

Review and Analysis

The principal along with HOD's reviews the HRM policies from time to time and discusses the same with management for further modification and improvement. Consequently, it appointed a number of people with Doctoral Degree.

Industry interaction

Planning

The Training and Placement Department with the help of top management has regular interaction with various companies so as to educate and enlighten the students about industry practices, formulation of projects and also for professional employment opportunities.

Execution and monitoring

The training and placement department helps the HOD's to organize industrial visits/plant visits for the benefits of the students. It also makes efforts to get permissions for internship program for students. Further it invites different companies such as TCS, Infosys, CapitalQ etc for conducting campus placements It also ensures that transparency is maintained in all the placement activities.

Review and Analysis

The TPO collects feedback from visiting experts and recruiters and gives inputs to management. The TPO also plans value added programs such as technical skill improvement programs in every semester based on feedback.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders to review the activities of the institution?

The Head of the Institution / principal has regular interaction with students, staff, parents, industry experts etc. He collects the information from various sources and provides the needed information to the top management and also to different stakeholders.

- The Principal collects information about the requirements of faculty from the HOD in April every year. He also collects information about the laboratory requirements from the lab in charge and HOD.

- All the same, he collects information about the requirements of buses from the Transport In-charge.
- Similarly, he collects students feed back on the performance of lecturers both formally and informally.
- Further he collects information from the parents about the strengths and weaknesses of the college.
- After collecting the information, it is cross-checked and then submitted to the management and stake holders whenever necessary
- He provides information to the management in the meetings conducted by governing body.
- He provides information to parents through parent meets conducted in the college and also through website (www.kitsgnt.com).
- He provides information to the faculty through circulars, notices, phone calls and meetings which are held from time to time.
- He provides information to Alumni through E-Mails, website (www.kitsgnt.com) and social media.

KKR AND KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

(Approved by AICTE, NEW DELHI| Affiliated to JNTUK- Kakinada)

Vinjanampadu, vatticherukuru, Guntur-17

Date:

Academic Year:

Branch:

Gender: Male / Female

STUDENT EXIT FEEDBACK

This form is aimed at knowing your opinion about the college in terms of Teaching, Training, Placements, Behavior of Employees, Performance, Future prospects etc. Please give your opinion on a 5 point scale given hereunder

S.No	Parameter	Excellent(5)	Very Good(4)	Good(3)	Satisfactory(2)	Poor(1)
1	Quality of Teaching					
2	Effectiveness of Teaching Processes					
3	Relevance of curriculum to job					
4	Training and Placement Cell					
5	Faculty helpfulness					
6	HOD's helpfulness					
7	Principal helpfulness					
8	Co-operativeness of Non Teaching Staff					
9	College Infrastructure					

10	Library Facilities					
11	Computing and Internet Facilities					
12	Sports, Extra Curricular Facilities					
13	Personality / Comm. Skills Development Facilities					
14	Overall Performance of the college					
15	Future prospects of the college					

Suggestions for Improving the performance of the college: _____

(Signature)

**KKR & KSR Institute of Technology and Sciences
Vinjanampadu, Guntur**

Exit Interview Form

KKR & KSR Institute of Technology and Sciences provides outgoing departing faculty an opportunity to express their opinions about their employment. Your comments and suggestions will help us to improve the work environment at KITS. Your responses are kept confidential. They will be summarized in aggregate, and will not be used in any way to affect your employment elsewhere. Thank you for your time.

1. Designation: _____
2. Employee Type: Teaching Staff / Non Teaching Staff
3. Gender: Male / Female
4. Employed from ___/___/___ to ___/___/___
5. Department:
6. Please indicate the main factor(s) that influenced your decision to leave: (check all that apply)

S. No	Reasons for Leaving	Opinion
1	Employment in Government Sector	Yes / No
2	Relocation of Parents / Spouse	Yes / No
3	Same job with better compensation else where	Yes / No
4	Working conditions	Yes / No
5	Lack of opportunity for advancement	Yes / No
6	Change in direction of career	Yes / No
7	Retirement	Yes / No
8	Other Reasons if any	Yes / No

7. Would you recommend **KKR & KSR Institute of Technology and Sciences** for others as a place for good employment? YES NO

For Office purpose only

Signature of Receiving Authority:

Date of receiving report:

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

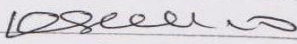
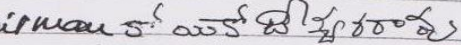

Management encourages members who take initiative in various activities of the college. A qualitative suggestion of any member finds place in decision making. Further, the participative management feature of the college leads to the determination of right things. After making decisions, Committees concerned will implement the decisions with true spirit and cooperation of all the members. The promotion of belongingness among faculty paved the way for improving the effectiveness and efficiency of the college.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Constitution of General Body

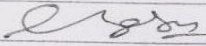
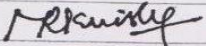

The constitution of the Governing body and the resolutions made by it are presented hereunder.

The governing body meeting is held today i.e on 03-01-2016 in the chairman's chamber. The following members are present in the meeting. The meeting is presided over by the chairman.

- 1. Sri. K. Subba Rao chairman 
- 2. Sri. K. Koteswara Rao Co-Chairman 
- 3. Sri. K. Sekhar secretary K. Sekhar
- 4. Sri. J. Srinivasa Rao Joint Secretary J. Srinivasa Rao
- Sri N. Rama Subbairah Treasurer N. Rama Subbairah
- Dr. G.V.R. Prasada Raju Registrar 
JNTU

DTE Nominee

State Government Nominee

- Dr. P. Babu Principal 
- Dr. M. Ravindra Krishna HOD, CIVIL Dept 
- Sri. N. Adinarayana HOD, ECE Dept 

Resolutions and implementation

Date: 03-01-2016

1. Points to be discussed as per the guidelines of the university.
2. Conduct of national level technical fest.
3. Any other with the permission of the chair.

In the meeting the following points are thoroughly discussed.

- a) The admissions are found to be satisfactory.
- b) There were no malpractice cases during each semester exam.
- c) No scriber was permitted.
- d) The committee thoroughly discussed the results analysis of the last academic year. They expressed their happiness as the overall percentage of pass is 80%.
- e) The FFC committee does not point out any deficiency in their report.
- f) The Governing body members reviewed the preparations for the KITS YUVA scheduled on 19th Feb- 2016.
- g) So far 100 students are placed in different MNC's and some more companies are in pipe line. We aim to place more than 200 students in all for this year.
- h) There were no cases of ragging and Grievances from students.
- i) There were no cases of right to information act.
- j) It is also decided to organize Annual Day celebrations in the month of March.
- k) It is proposed to organize a national level student fest in the month of Feb 2015 .

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If ‘yes’, what are the efforts made by the institution in obtaining autonomy?

Yes, the college is going for NAAC and NBA accreditation so as to get autonomous status in near future .

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

The college ensures that grievances and complaints are promptly attended and resolved effectively. It has a three level grievances redressal procedure. In the first level, the student’s counselors/ mentors will solve the grievances that come to their notice. If it is not solved at the first level, it will be referred to the HOD concerned. The HOD concerned will conduct a meeting with faculty members and resolve the problem. If the aggrieved party is not satisfied at the second level, he / she may approach the grievance redressal committee for consideration. The Grievance Redressal Committee after following due procedure will solve the grievances which is final. The Grievance Redressal Committee solved as many as 13 grievances of students for last three academic years. Students also expressed their satisfaction.

Student counseling & Redressal cell

1. Dr. P.Babu
2. Dr. M.Ravindra Krishna (Civil HOD)
3. Prof. T.Srinivasa Rao (EEE HOD)
4. Dr. K. Rama Kotaiah (Mech HOD)
5. Dr. M. Siva ganga prasad (ECE HOD)
6. Prof. K.Madhusudana Rao(ECE HOD)
7. Prof. R.Ramesh (CSE HOD)
8. Dr. M.S.S.Sai (CSE HOD)
9. Dr. Bh.Venkateswara Rao(MBA HOD)
10. Prof. M.Basaveswara Rao (Mech HOD)
11. Mrs. SK.Rajiya Begum (Library HOD)
12. Dr. Ch.Aruna (Asst. Prof. of CSE)
13. Dr. T.A.S.S.Santhi Sree (Associate Prof. Of BS&H)

Social welfare Committee : BC/SC/ST

1. Mr. N. Madhu (CIVIL)
2. M. Pratap Naik (EEE)
3. Mr. V.Srikumar (Mech)
4. Mr. A.Srinag (ECE)
5. Mr. B.Adinarayana (CSE)
6. Mr. P.Paul Ratnakanth (IV-Year EEE)
7. Mr. M.Veera Siva Kumar (IV-YearEEE)
8. Mr. Y.Satyanarayana (II-Year Mech)
9. Mr. N.Anilkumar(III-Year Mech)

10. Mr. V.P.V.S.Sudarshan (II-Year ECE)
11. Ms. N.Sankeerthana (II-Year ECE)
12. Ms. A.Bhanu Sri (III-Year CSE)
13. Mr. M.Vijay Kumar (IV-Year CSE)
14. Ms. Divya (III-Year Civil)
15. Mr. Prudhvi (III-Year Civil)

Woman welfare + sexual harassment

1. Dr. P.Babu (Principal)
2. Mrs. R.Santhikala (Civil)
3. Mrs. R.Punya Vathi (EEE)
4. Mrs. J.Soujanya (Mech)
5. Mrs. T.Bhavani (ECE)
6. Mrs. Ch.Jhansi Rani (CSE)
7. Mrs. D.Roja (MBA)
8. Ms. K.Prathyusha (IV-Year EEE)
9. Ms. C.Priyanka (IV-Year EEE)
10. Mr. T.Bharat Kumar (III-Year Mech)
11. Mr. K.Abhiram (II-Year Mech)
12. Ms. T.Keerthi (II-Year ECE)
13. Ms. T.Amani (II-Year ECE)
14. Ms. V.Swetha (III-Year CSE)
15. Ms. S.V.Sai Tulasi (IV-Year CSE)
16. Ms. Apsa (III-Year Civil)
17. Ms. Mrudula (III-Year Civil)

Right to information cell

1. Dr. Y.V.R.Prasad Raju (JNTUK, Registrar)
2. Dr. P.Babu(Principal)
3. Mr. K.Sriraman (CSE)
4. Mrs. S.Sreevani (S&H)
5. Mr. K.Rambabu(AO)

28. Faculty & Grievance cell

1. Prof. T. Srinivasa Rao (EEE) Convener
2. Dr. M.Ravindra Krishna (Civil)
3. Dr. Bh. Venkateswara Rao (MBA)

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute ? Provide details on the issues and decisions of the courts on these?

NO

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

The college takes feedback from the existing students and outgoing students every year on its overall performance. Based on the feedback the college makes modifications in its policies for improvement. As per the feedback remedial measures are initiated.

KKR AND KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

(Approved by AICTE, NEW DELHI| Affiliated to JNTUK- Kakinada)
Vinjanampadu, Vatticherukuru, Guntur-17

Date:

Academic Year:

Branch:

Gender: Male / Female

STUDENT EXIT FEEDBACK

This form is aimed at knowing your opinion about the college in terms of Teaching, Training, Placements, Behavior of Employees, Performance, Future prospects etc. Please give your opinion on a 5 point scale given hereunder

S.No	Parameter	Excellent(5)	Very Good(4)	Good(3)	Satisfactory(2)	Poor(1)
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9	College Infrastructure					
10	Library Facilities					
11	Computing and Internet Facilities					
12	Sports, Extra Curricular Facilities					
13	Personality / Comm. Skills Development Facilities					
14	Overall Performance of the college					
15	Future prospects of the college					

Suggestions for Improving the performance of the college: _____

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

To enhance the professional development of its teaching and non teaching staff, the following developmental activities are being undertaken to empower staff.

- The college works on the principle of encouraging faculty and non teaching staff for higher education, promoting research and for developing the required skills. It also conducts several expert lectures through its many forums. Faculty members are given freedom to invite noted resource persons in the field of their specialization. It also deposes its staff to outside universities and colleges for participation in guest lectures, paper presentations, workshops etc. The college also partially supports the staff financially.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

The strategies adopted by the institution for faculty empowerment are:

- For training new faculty and retraining existing faculty, the college has developed the concept of academic plan Presentations of the subjects allotted to the faculty. This is done before the commencement of each semester in the presence of Head of the Department and senior faculty. Individual faculty members are given suggestions, and accordingly they upgrade themselves.
- Formulation of various committees with faculty members in various cadres as members with proper allocation of work, assigning responsibility and grant of adequate authority and autonomy.
- Felicitating faculty members for their publications, paper presentations and invited talks.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

Performance Appraisal of the faculty is done based on the following major parameters

- Feedback of students on the teaching performance of faculty concerned will be analyzed
- Faculty's attitude and commitment towards the college duties
- Research work which includes publications and presentation of papers, chapters published in books etc.
- Apart from academic performance the contributions of the faculty in the development of innovative ideas, new knowledge creation will also be considered for faculty appraisal. The faculty self –appraisal form has been presented

Faculty Self Appraisal Form

Name:

Designation:

Department:

1. Academic Work:

	I semester			II Semester		
	sub-1	sub-2	sub-3	sub-1	sub-2	sub-3
No. of periods engaged						
No. of units completed						
% of syllabus covered						
Pass percentage						
failure percentage						
University pass % (if available)						

2. a) Innovative teaching methods adopted:

PPT Charts Models Group Discussions Case
Studies Seminars Video

b) Remedial classes arranged Yes No

if yes furnish the details

3. Laboratory:

semester	Name of the laboratory	No. of Experiments Prescribed	No. of sessions Conducted	No. of Experiments completed

4. Professional Activities

	Duration	Organised by	Availed OD (Yes/No)
Seminars			
Workshops			
Conferences			
FDPs			

Total No. of days utilized for attending the above:

5. Publications

	No. of Papers Published	No. of Papers Presented	No. of articles published
National			
International			

6. Details of sponsored Projects / consultancy / Project work taken up during the academic year

7. Any other assignment (non academic Works) pertaining to

a) College

b) University

c) Any other Organization

8. Student Feedback on faculty:

9. a) Appreciation / Award /Recognition earned :

b) Disciplinary actions faced:

10. Details of Professional Societies Membership

11. Details of guidance given to students for presenting papers, exhibiting and design innovative projects & industrial visits organized

12. Commitments to the college:

13. Leave Details:

Period	CL	Loss of Pay	Number of Late's	Permissions

Date:

Signature of Faculty

KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

(Approved by AICTE, Delhi & Affiliated to JNTUK, Kakinada)
VINJANAMPADU(Village), VATTICHERUKURU(Mandal), GUNTUR-522017

Annual Appraisal Report for the Academic Year 2015-16

Name of the Faculty:

Designation:

Department:

Attitude and Interpersonal skills (Rating on 5 Points are given)

1	Initiative: A Self starter, able to work without constant super vision	
2	Responsibility: Understands duties: accepts responsibilities readily	
3	Punctuality: Arrives on time, generally available for students during working hours	
4	Commitment: Committed to his/her work	
5	Loyalty: Supports and follows institute's policies and guidelines	
6	Development: Keeps knowledge up to date	
7	Oral communication: Speaks effectively with supervisor, colleagues and students	
8	Written Communication	
9	Team work	
10	Leadership	
11	Relationship with fellow faculty and staff	
12	Maturity	
13	Temperament	
14	Relationship with students	
	Total points	

Signature of HOD

Recommendations of HOD:

Recommendations of Principal:

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

The outcome of the review of the performance appraisal is both positive and negative. The positive aspect is that the performance of some staff members is very good while the performance of some other staff members is poor. The staff members whose performance is good are appreciated while staff whose performance is poor is given guidance for improvement. Despite the shortcomings of staff, all of them have been paid 10% increment on gross pay.

Year	No. of faculty gets Increments
2012-13	126
2013-14	123
2014-15	127
2015-16	188

6.3.5 What are the welfare schemes available for teaching and non teaching staff?

Welfare schemes that are available :

- Transport Facilities: Free Transport for teaching and non teaching staff.
- Group Insurance for students and faculty.
- Provision of First Aid Boxes.
- One week leave provision with pay for marriages.
- Provision of loan facility through management assurance.
- Provision of Maternity leave
- Special Leave Provision given to the exiting faculty for the pursuance of their higher qualifications like Ph.D.
- On duty(OD) facility to those who attend National Conferences & Seminars.

What percentage of staff have availed the benefit of such schemes in the last four years?

100%

The college has a clear HR policy. The contents of the HR policy are:

HR Policy

The HR policies include the structure of the college in terms of designations, faculty ratification policy, time and attendance management policy, leave policies, incentive policies, promotional policies, grievance redressal policies etc. In this regard, the HR policies of this college have been detailed hereunder.

Recruitment policy

Objective

The effectiveness and efficiency of an institution depends upon the competence and quality of its human resources. Hence, the institution ensures a streamlined recruitment process in identifying and hiring the best qualified candidates for all given positions.

Applicability

The recruitment policy is applicable to all new recruits in all cadres.

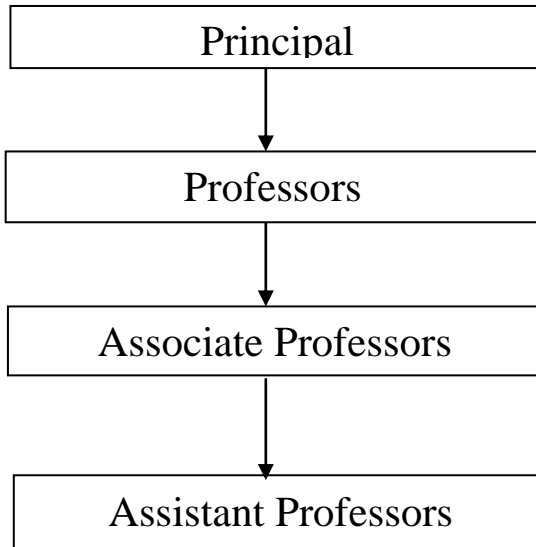
Policy and procedure

The recruitment and selection policies of the college are transparent and fair. The college gives advertisements in popular news papers calling applications for different positions in B.Tech, M.Tech and MBA branches. After screening the applications, potential candidates are identified and then they are called for interview. Candidates who perform well in the interview are selected by the Interview Board which consists of Chairman, Secretary, Principal, HOD concerned and subject expert drawn from nearby reputed colleges. The selected candidates will be given appointment order on the same day.

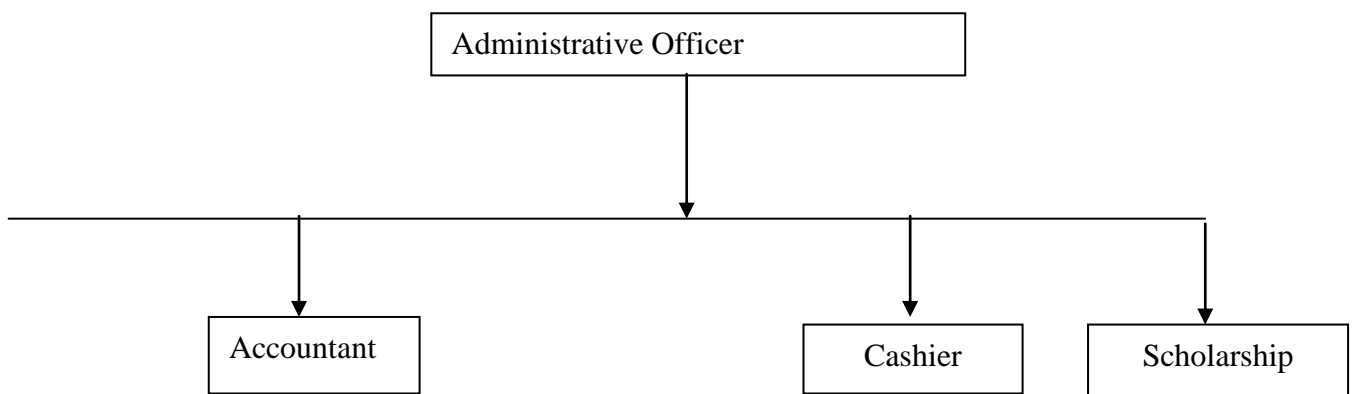
Designations

The following are the designations for Teaching and Non Teaching Staff with effect from 01-01-2016

Teaching Faculty



Non Teaching Staff



Faculty ratification policy

Objective:

To ensure that all existing faculty members, who are recruited by the College Selection Committee, are ratified by JNTUK Selection Committee complying with regulatory requirements

Policy & Procedure

All faculty recruited by the Selection Committee and whose names are recommended for ratification shall have to attend the ratification interviews conducted by the affiliating university (JNTUK) from time to time. The college shall notify all eligible staff members to attend the ratification interviews as per the JNTUK's notified schedule. The onus of meeting the standards of the ratification committee shall be on the faculty. In case if a faculty member fails to be ratified for the first time, he/she shall be accorded a second chance and a second failure will cause a faculty's services to be terminated. A faculty member who does not attend the ratification interview as required may also invite termination. Only on serious medical grounds, with due medical certificate, a faculty may seek exemption from attending the ratification interview. In all such cases, the Principal shall be the deciding authority.

Time and Attendance Management policy

Objective:

To communicate the general office and college timings of the institute and also to lay down the general guidelines to record the attendance of employees in the institute as per the applicable timings

Applicability

All employees on regular rolls and also on contract are covered under this policy

Procedure

The timings of the institute are from 9.50 AM to 5.20 PM on all days of the week, except Sunday. However for MBA and M.Tech Programs, the timings are from 9.50 AM to 3.40 PM. Employees are expected to attend the college on all working days, at the designated time and mark attendance in the manual attendance register. They are also expected to do this again at the time of leaving the college i.e. at the end of the working day.

Grace Period: Up to 15 minutes after the designated starting time is considered as “grace period”. The marking of attendance beyond grace period is permissible only twice in a month for a maximum time of another 15 minutes. The names of employees who exceed the number of instances of grace period in a quarter will be informed to the Principal.

Leave Policy for Employees Objective

To communicate the leave facilities and also to provide guidelines for availing these leaves

Eligibility & Applicability

All employees of the institute on regular rolls and also on contract.

Policy and procedure

The categories of leaves available to employees are: casual leave, maternity leave, academic leave, extraordinary leave etc., For the purpose of leave, year shall mean the calendar year from 1st January to 31st December.

Casual leave

All employees are eligible for 15 days of casual leave in a calendar year which shall be credited to them upon joining on pro-rata basis. However, until the completion of one year service, CL cannot be availed more than once in a calendar month. Employees who are on CL cannot be absent from duty continuously for more than 4 days including intervening holidays. Employees may avail CL for ½ day also. The CL's which are not availed gets lapsed at the end of the calendar year.

Maternity Leave (ML)

The college sanctions maternity leave for 12 weeks, to be availed at the convenience of the mother-to-be. Maternity leave shall be limited to an employee's first two confinements only and it will be in addition to other leave facilities of the college and shall not be prefixed or suffixed with any other kind of leave.

Academic leave

All teaching faculty is eligible for 15 days of academic leave in a calendar year. Academic leave can be availed only for listed approved conferences which are of repute. For other conferences, the leave may be sanctioned for the day of making a presentation. Academic leave may also be considered for reasons such as delivering invited talks and attending spot valuation assignments of the affiliated university. Teaching faculty who wish to avail academic leave should get their leave approved by the principal at least 2 days in advance and send the approved leave application along with the invitation letter to the concerned university or college.

Extraordinary Leave

If an employee has exhausted all types of leaves, he / she may be allowed to take leave without pay up to a maximum of 30 days in a year, subject to the recommendation of the HOD and approval by principal. Leave without Pay (LWP) shall not be treated as break of service

Summer vacation

All teaching faculty except those who hold administrative responsibilities, will be eligible for summer vacation. The Management shall announce the annual dates for the summer vacation which shall ordinarily be availed by all, unless asked by the management to be available for some special assignments during the vacation. All faculty members who stand confirmed as on April 30 shall be

entitled for summer vacation, the dates of which shall be announced by the principal in consultation with the Management and HODs concerned.

Special leave for pursuing research

This leave shall be given, on a case to case basis, to those who have registered their names in the PhD programs and cleared their pre-Ph.D course work for a maximum period of 15 days. The leave needs to be approved by the Principal. The Principal shall call for supporting recommendation letter from the faculty's Ph.D guide for granting the approval. The unutilized special leaves can neither be carried forward nor encashed.

Incentive policy for Research and Publications

Preamble

The existing policy to promote research activities in the institute was developed in 2012 to give extra fill up to research, research publications and other related activities. Thus, some of the incentives for various research activities have been revisited and revised. The new norms will be applicable with effect from 1st January, 2016.

Objective

To give special thrust to research in the college thereby improving the profile of the college in the state.

Policy and guidelines

The institution rewards employees who complete their PhD from reputed universities while in service. Faculty who obtain PhD are promoted from assistant professor to associate professor and from associate professor to professor after considering their teaching experience and Doctoral qualification. Naturally the pay structure will also be changed. Further, the college reimburses 50 percent of the expenditure borne by teaching staff who publish articles in international or national magazines and journals.

The college also encourages its employees to participate actively in the seminars and conferences conducted by it and also outside the college. Staff who attend to seminars and conferences in other colleges/universities are sanctioned paid leaves. It also deutes its employees to pursue higher studies with financial support but on a limited basis. The college encourages faculty to participate in workshops and faculty development programs. But faculty members who attend a program for more than 3 days shall plan their participation during semester breaks or summer vacation so that the academic schedule remain undisturbed.

Promotional policy for faculty

Preamble

This policy governs the promotions for faculty so as to ensure high quality teaching and institutional commitment.

Eligibility

The eligibility criteria to promote employees from Assistant Professor to Associate Professor, and Associate Professor to Professor are as follows

- PhD Qualification
- 5 years in the current position

- Prescribed research output
- Acceptable teaching feedback
- Demonstrated academic performance

There is a promotion committee, which consists of the following members such as Chairman, Principal, HOD concerned and two external members in the relevant discipline. The promotion committee members conduct a formal interview and promote employees on the basis of the academic achievements of the latter.

Policy against Sexual Harassment

Introduction

KITS recognizes that sexual harassment violates fundamental rights of gender equality, right to life and liberty and right to work with human dignity as guaranteed by the Constitution of India. To meet this objective, measures shall be taken to avoid, eliminate and if necessary impose punishment for any act of sexual harassment, which includes unwelcome sexually determined behavior. Sexual Harassment is a criminal offence and punishable under relevant laws of the Country.

Policy against sexual harassment

The policy on sexual harassment applies to teaching staff, non teaching staff and students.

POLICY & PROCEDURE

The Committee against sexual harassment will be represented by minimum 50% of members being women and the Committee Head will also be a senior most woman staff member. Any person who wants to complain on sexual harassment is required to promptly inform the committee concerned against sexual harassment. All complaints of sexual harassment shall be addressed in a confidential manner. The complaint will be investigated in a time-bound manner in accordance with principles of natural justice and a detailed report shall be maintained. Based on the recommendations of the

committee, the Principal will initiate action, as deemed appropriate within 15 days. In case if the employee who has made the complaint feels that the committee against sexual harassment has not provided her/him due justice, the complainant may approach the college Chairman. The time frame for investigating and closing the case is 1 month from the time it is brought to the notice of the Committee. This policy will be displayed prominently in the college Portal, ensuring that all employees are aware of the same.

Grievance Management Policy

Introduction

Individual employee grievances and complaints are primarily a manifestation of their dissatisfaction about working conditions and managerial decisions. If these problems are not promptly attended to, it may affect the morale and productivity of employees. Hence, there is a need for formal grievance procedure to address such matters.

Objectives:

The objective of the grievances process will be to settle:

- Grievances of the employees in the shortest possible time
- At the lowest possible management level
- With appellate stages so that it is fair and transparent.

Eligibility & Applicability

All employees on regular rolls of the institute including contract employees

Scope and Coverage

Grievance for the purpose of this policy would mean dissatisfaction arising out of the decision of the Management concerning the employees.

Grievances for the purpose of this policy will cover individual grievances such as:

- Payment of Salary

- Recoveries of dues etc.
- Increments
- Working conditions/Health & Safety
- Leaves
- Non-extension of benefits under rules
- Promotion
- Administration or Academic issues
- Reimbursements
- Interpersonal Conflicts/Issues with the HOD or team members
- Separation/Retention

Procedure for handling Grievances

The individual can raise grievance according to the following procedure. The aggrieved employee may take up the grievance in writing with the HOD, who has to resolve the issue at that level within 5 working days. In case if the HOD fails to resolve the problem within 5 days, the aggrieved employee may approach the principal who has to resolve the grievance within 5 working days. Even if the grievance is not solved at principal level, the management in consultation with the grievance redressal committee will solve the problem. All together, the grievances of the employees will be resolved within a maximum period of 15 days.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

Management has taken the following measures to attract and retain the senior eminent faculty:

- Advertisements for faculty positions are given in both regional and national news papers.
- 6th pay commission salaries are paid to employees.
- Every year 10% increment is given on Gross salary
- Provision of stress free work environment.
- Senior faculty is encouraged to participate in major management decisions.
- Encouragement to present papers in National and International seminars.
- Computer, internet and intercom facility to Professors
- Immediate increments are given for those who are awarded PhD
- Personal recognition by the Management in the way of a memento and certificate.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

The college has a well defined mechanism to monitor effective and efficient use of available resources. The college obtains proposals from concerned Departments/Units in which all the teaching and non-teaching members of the Department/Unit are involved. The Purchase and stores Committee of the college headed by senior faculty member collect all the purchase proposals with quotations and comparative statements. It prepares the consolidated proposal and submits it to the Principal for approval. The principal in turn allocates budget to each Department keeping in view the Budgetary Constraints. While doing so, thorough discussions will be made for prioritization and transparency.

Purchases will be made with the recommendations of duly constituted Purchase Committee. The amounts withdrawn from the banks will follow a systematic mechanism of obtaining the signatures of the cashier, AO, Head Purchase Committee, Principal, Secretary and Chairman. In case of out of budget expenditure, ratification will be made in a special meeting conducted for that purpose. In every meeting, Principal presents the Income and Expenditure details. Purchase and Stores Committee also monitors the stock verification process at the end of each academic year. Further the financial resources are monitored by AO, Principal, Management Internal auditor and external auditor.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

Internal audit will be conducted by an internal auditor appointed by the Management. After thorough verification, internal auditor will submit his appraisals to the principal for follow up action. The college accounts will be audited by qualified external chartered accountants. There are no major audit objections. The Admissions and Fee Regulatory Committee (AFRC) increases or decreases the fees of the college after conducting a thorough audit. During the academic year, the AFRC increased the fees of this college from 39,700 to 58,100.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

Fee income is the major source of receipt / funding to the college. In this regard the income and expenditure statements for the last three years have been enclosed. The college has no financial deficit. Temporary requirement of cash is managed by borrowing loans from banks.

Annual Income from tuition fee and other sources (in Rs)

Particulars / Year	2014-15	2013-14	2012-13
Tuition Fee	9,30,60,300	7,99,84,100	12,40,93,430
Other Income	2,89,90,653	2,45,03,662	1,35,61,190
Total Income	122050953	10,44,87,762	13,76,54,620

Annual Expenditure (in Rs)

Particulars / Year	2014-15	2013-14	2012-13
Academic Expenses	5,94,71,409	4,74,77,892	5,49,16,256
Administrative Expenses	6,25,79,544	5,70,09,870	3,74,16,721

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

- The college procures additional funding through bank loans. Further, the department of science and technology in association with UGC granted a total sum of rupees 1,00,000/- for conducting a conference in this college entitled “Computational Biology”.
- Indian Geotechnical society (IGS) granted an amount of 25,000/- for the one day national level seminar namely “SPRINGS” conducted by the civil department of this college.

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a. Has the institution established an Internal Quality Assurance Cell (IQAC)? .6 If ‘yes’, what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

- Yes

The College has established the Internal Quality Assurance Cell on 10-03-2016, with the following composition.

Internal quality & Assessment cell :

1. Mr. N.Madhu (CIVIL)
2. Mr. K.Sarath Bhushan (EEE)
3. Mr. B.Kiran Kumar (Mech)
4. Mr. V.Murali Krishna (ECE)
5. Mrs. Ch.Aruna (CSE)
6. Mr. V.Ch. Purna Chandra Rao (MBA)

The IQAC was reconstituted again on 17th June 2016 with the following members. The committee meets on the first Monday of Every month

Internal quality & Assessment cell :

1. Dr. T.Srinivasa Rao (Prof. of MECH) _ Convener
2. Dr. Ch.Aruna (Prof. of CSE) _ Co-Convener
3. Mrs. R.Santhikala (CIVIL)
4. Mr. K.Sarath Bhushan (EEE)
5. Mr. B.Kiran Kumar (Mech)
6. Mr. V.Murali Krishna (ECE)
7. Mr. V.Ch. Purna Chandra Rao (MBA)

The policy of the college is to provide high quality educational services which meet the needs and expectations of the students and stakeholders supported by systems that exist in the college. Since the IQAC Consists of members from different departments and conducted different meetings with different agendas, gradually the quality assurance process such as provision of high quality education services, academic audit etc have been institutionalized.

b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

All the decisions of the IQAC were approved by management for implementation and all of them are in the process of implementation.

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

No.

Yet to be included

d. How do students and alumni contribute to the effective functioning of the IQAC?

The outgoing students give feedback to the college about the latter's performance. Similarly, the existing students give feedback to the college on various aspects twice in a semester. The students

and alumni give their valuable suggestions to the college based on which policy improvements are made.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

The members of the IQAC as mentioned earlier represent different departments. The convener of the IQAC communicates to all the members of the committee about the agenda of the meeting conducted in each month through circulars and notices. The discussion taken place in the meeting is widely communicated to the faculty and HOD's of all the departments, Principal and management through circulars, notices, websites and E-mails.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.

Yes.

The institution has an integrated framework for quality assurance. Though staff members represent different departments, they work in an integrated way. All the same, the quality assurance procedures are made uniform to all the departments. The Convener of the quality assurance Cell issues circulars to the Committee members asking them to participate in the IQAC meeting. The members participate in the meeting wherein the items shown in the agenda are discussed. After that the decisions taken in the meeting will be communicated to staff, HOD, Principal and Management. The HOD or the principal or management according to their level of authority will implement the decisions taken by IQAC.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

Since it is a newly established Cell, the management has to take measures for the effective implementation of quality assurance procedure for staff.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

Yes

Academic audit is conducted in areas such as the following:

1. Course files and lab manuals
2. Students monthly attendance
3. Internal Exam Marks

4. Semester end exam marks
5. Semester wise performance and comparison with other affiliated colleges of the same university.
6. Faculty development programs and their impact on teaching – learning processes.
7. Training programs to students.
8. Co-curricular / extra-curricular activities.
9. Audit of library books.

Based on the outcome of academic audit, suitable remedial measures will be taken. For instance, students whose attendance is low are communicated to improve their attendance. Further, parents are also informed. Similarly, if the performance of some students is low, tutorial classes will be conducted. All the same, the institute evaluates the end semester result in comparison with other performing colleges.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The internal quality assurance mechanisms have been aligned keeping in view the requirements of various agencies and regulatory authorities in terms of the following assurance.

- Student- staff ratio of 15:1 is maintained.
- Books and Journals Including E-Journals are maintained as per AICTE Norms.
- Faculty is encouraged to publish Papers and attend national and international seminars.
- Syllabus will be completed as per university norms.
- Labs are conducted and also lab records are maintained as per university norms

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The following mechanisms exist to review the Teaching–Learning Processes.

- Course assessment feedback on all the subjects is taken from the students in every semester and then it is evaluated and analyzed.
- Faculty is counseled by the HOD concerned and also by the Principal whenever required.
- Monitoring is also done through class representatives to assess the uniformity in syllabus coverage, and also the quality of teaching.
- Interaction with external experts is arranged to evaluate the knowledge and ability of the faculty members and students.
- The course material and assignments prepared by the faculty members are assessed internally and suitable suggestions for enriching the course materials and assignments are given by the senior faculty of the departments concerned.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The college communicates its quality assurance policies, mechanisms and outcomes through college publications, websites Short Message Services, E-Mails and also by Word of Mouth.

CRITERION -7

7.1 Environment Consciousness

7.1.1 Does the Institute conducts a green audit of its campus and facilities?

Yes, The College conducts a Green Audit of its campus and facilities. The College conducts an assessment on the environmental impact of the institution and takes necessary measures to promote consciousness, preservation and protection of the environment. The committee of Green Audit comprises of one representative from the management, Program officer and staff coordinators of NSS.

Their responsibilities include:

- Conduct of Annual Green Audit promotion of eco-friendly campus
- Maintenance of green campus
- Study of energy consumption
- Promotion of environmental consciousness through the NSS.
- Implementation of suggestions on management of natural resources, energy and waste.
- Plantation of Saplings.
- Harvesting of rain water.
- Green Campaigns amongst the students and staff. This Green Audit was initiated in 2015-2016.

The findings of audit are:

- Having more than 2000 saplings and trees in the campus which makes pollution free campus.
- Replacement of Normal Electrical blubs with LED bulbs for less power consumption.
- Rain Water Harvesting system.

The findings and recommendations of the committee encourage the institution to engage further in sustaining a green campus. The college plans to grow in an environmentally responsible manner and hence follows sound practices for environment management.

7.1.2 What are the initiatives taken by the College to make the campus eco-friendly?

a) Energy Conservation

The college has taken a slew of measures to increase awareness among the students and staff about the need for energy conservation. It also setup by displays at appropriate places. All the departments are equipped with electrical appliances and equipment that consume low power. The class rooms are designed in such a way that they have natural light and ventilation, due to which power consumption is reduced to the bare minimum. Further the college has widespread arrangements for power distribution with a Control panel and Power room.

b) Use of Renewable Energy

The college plans to set up a 05 /10 kW capacity Solar Photovoltaic cell facilities for providing lighting in the campus.

c) Water Harvesting

The college harvests around 50% of rainfall and stores the same in a 5 lakh litres and above of capacity water pond for use in campus. RO water plants with a capacity of 3000 ltrs per hour are already installed.

d) Check Dam Construction

Since it is a plain area there is no need for check dam.

e) Efforts for Carbon neutrality

The college has taken care to restrict vehicle entry into the campus and specific parking area is allotted for faculty and students. The usage of plastic bags and disposable items is restricted in the campus. In addition to the above, the college ply's new buses which has low emission and the resultant low pollution.

f)Plantation / Greening Drives

The College undertakes Green Drive programs at regular intervals mostly before the onset of monsoon. The NSS unit of the campus is also committed to increase the green cover in the campus. The NSS unit regularly conducts awareness programs on clean and green drives in the college and also nearby villages. Above all the college implements the SwachBharath Scheme as enunciated by the government of India.

g) Hazardous Waste Management and e-Waste Management

The college has taken suitable measures to manage the waste that cause damage to the environment. Further, e-waste is disposed to suitable agencies. Condemned UPS Batteries are disposed through buy - back schemes.

7.2 Innovations

7.2.1. a) Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

1. Kitsyuva is a technical event for students to participate in various events like paper presentations, posture presentations, project expo, technical quiz and many spot events related to technical aspects.
2. Students can able to know their attendance, marks and their personal data through college website and EZ School Software tool. This leads flow of transparent and quick information helps in creating student friendly atmosphere .
3. Communication to parents through SMS regarding absentee of their children.
4. Provision of registration and conduction of various placement oriented online exams at college campus.

S.No	Name Of The Practice With Description	Impact On The Functioning Of The College	Academic Year
1	EDC (Entrepreneur Development cell) doing different types of seminars, workshops through E-cell	To make the students entrepreneur for Developing their own industries.	2015
2	SELF & LEAD programs, for develop several innovative methodologies i.e., role play Quiz, Brain shaping, Mind Mapping, Analogy, Real Time Demonstrations and Group Discussions	Communication skills improved. To be placed in various national and international companies placements. Improved learning interaction happening in the class.	2015

7.2.1.b) Innovations which have created a positive impact on the functioning of the college

INNOVATION-I

1. Title: PIR BASED POWER SAVING SYSTEM

2. Goal:

This project proposes automatic detection of human and Power saving room architecture to reduce standby power consumption and to make the room easily controllable with a PIR sensor for the control of home appliances. To realize the proposed room architecture, we proposed a low-cost, low-power design. The low cost allows the technology to be widely deployed in monitoring applications. The proposed auto detection of human is done using the PIR sensor to indicate the entering or exit of the persons. Microcontroller continuously monitors the infrared receiver. When any object pass through the PIR receiver then the IR rays falling on the receiver are obstructed, this obstruction is sensed by the microcontroller (AT89s52) also PIR sensor will check the presence of human beings with the help of radiations emitted by human beings. Then microcontroller will check the input

coming from these two sensors and automatically switches ON the fans when a person comes under the fan. And if nobody is present near the fan the microcontroller automatically switches OFF the fan. By this we can reduce the standby power consumption.

3. Content:

Generally in public and private sector companies, offices most of the people are not interested to switch OFF the consumer electronic appliances like fan, light etc. if they are not present. As more and more consumer electronic and home appliances are deployed and the size of them is becoming large, power consumption in home area tends to grow. Moreover, useless power consumption occurs when they do not perform the primary function. Although much effort is made to reduce the standby power of consumer devices themselves, efficient power management schemes over a room or home region are greatly required to reduce the total power consumption in home. The controlling and power monitoring capability is indispensable to home power management. In this paper, we propose an Automatic detection of human and Power saving room architecture to reduce the wastage of power.

4. Practice Procedure:

- Our project is selected from popular journal.
- Project is initiated by batch mates and internal guide.
- Components are purchased from a local dealer.
- PCB's are designed with the help of QUE Technologies.
- Soldering of components is made with the help of internal guide in the laboratory.
- All the parts of the project are connected properly.
- Our project is tested under the guidance of Technicians, Internal Guide and Head of the Department.
- Finally the project is implemented in our department laboratory.

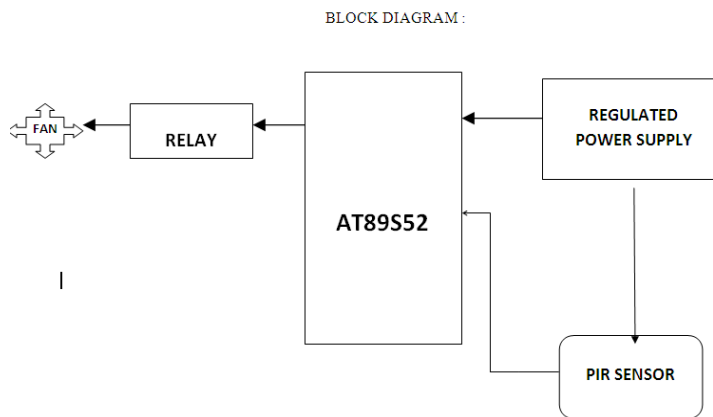
Hardware Components:

- Micro controller AT89S52
- PIR Sensor
- Ultra Sonic Sensor
- Relay
- Fan
- Regulated Power Supply

Working:

Instead of infrared or laser transmitters and receivers, PIR (Passive Infrared Radial) Sensors are used in this circuit. The sensor is basically a pyro electric device. When a human comes

under the fan PIR sensor sense the presence and generates an electric charge which is sent to microcontroller (AT89S52) as a signal to turn ON the fan. PIR sensor will be continuously sensing for the presence of the human. When it senses the absence of human it sends the signal to microcontroller (AT89S52) to turn OFF the fan. Considering the signal received from the PIR sensor, microcontroller will ON or OFF the relay to control the fan. Thus the fan will automatically ON or OFF depending on the presence of the person.



5. Evidence of Success:

- Our project is published in a local newspaper named Eenadu.
- Our project is implemented in our Department Staff Room.
- Certified by Head Of the Department and Principal.

6. Problems Encountered:

- PIR sensor used in our project doesn't support longer heights.
- Sensitivity of PIR sensor will fluctuate according to the temperature.
- Micro controller used in our project has limited memory.

7. Notes:

The college developed an automatic human detection system with the help of this architecture there by huge energy will be saved , for instance ,when a person enters into a room, sensors sense the entry of human beings due to which lights are on automatically. Similarly, when the person leaves the room the lights are off automatically. This logic can be extended to more number of consumer electronic and home appliances.

In future all home appliances like lights, Air Conditioner can be made work automatically in the presence of human. This can also be used for security purposes like door locking system, burglar alarms etc...

PICTURES OF OUR PROJECT



8.Contact Details:

SL No	Roll No	Student Name	Email Id	Phone No
1	12JR1A0440	Ch. SaiMohith Reddy	Mohith299@gmail.com	9985837999
2	12JR1A0442	Ch. Pardhasaradhi	Chpardhu999@gmail.com	8121807908

INNOVATION-II

1. Title

POWER MANAGEMENT SYSTEM IN HOSTELS USING PC, ZIGBEE AND GSM

2. Goal

To design efficient power management systems in hostels by using personal computer, ZIGBEE and GSM as major blocks. The same thing can be implemented in the controlling systems of lights, climate, doors and windows. Power management is a term that has a number of meanings, but we're mainly concerned with one that relates to saving energy in businesses, public-sector organizations, and also at homes.

3. Content

Power management is the key to saving energy in an organization. Utility companies are under pressure. Growing populations are using increasing amounts of power, which is putting a strain on existing supplies. In many countries the increase in demand is growing at a faster rate than

transmission capacity and the cost of providing power is also increasing due to higher fuel prices and increases in the cost of construction and capital expenses. This project provides an overview of Wireless Network for Power Management. It then looks at how ZigBee fits into this picture, and the ways in which ZigBee (together with GSM) is ideally suited for the development. The system we designed is fully wireless control.

4. Practice Procedure

- Title is selected from popular journal.
- Project is initiated by batch mates and internal guide.
- Components are purchased from local dealers.
- PCBs are designed with the help of QUE technologies.
- Soldering of components is done with the help of internal guide in laboratory.
- All the parts of the project are connected properly.
- Our project is tested under the guidance of technician, internal guide and head of the department.
- Finally the project is implemented in our department laboratory.

Hardware Requirements

- Microcontroller Unit.
- ZIG-BEE Module.
- Devices.
- MAX232.
- GSM.

5. Evidence of Success

- Published in Eenaadu News paper
- Our project is implemented in our college staff room.
- Certified by the Head of the department and Principal.

6. Problems Encountered

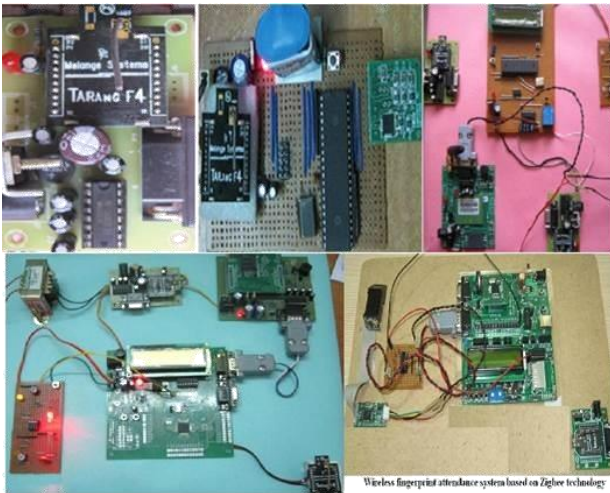
- The range of the ZIGBEE is small. Since it has less power consumption we adopted this technology.
- The system will not work if the GSM signal fails.

7. Notes

Our project is based on embedded systems. This structure based on embedded system can be implemented to several applications with small modifications as follows. Consumer electronics, office automation, industrial automation, biomedical engineering, wireless communication, data communication, telecommunications, transportation, military and so on.

Our project is more flexible to access devices. By using ZIGBEE Module cost also became low. From the remote place we can access this system. Finally the Power consumption is reduced.

PICTURES OF OUR PROJECT



8. Contact Details:

SL.No	Name of The Student	Email.Id	Phone no
1	MIRIYALA SIVA CHANIKYA	sivachanikyamiriyala@gmail.com	9441264691
2	Kornu Kumar	kornukumar4273@gmail.com	9393272813

INNOVATION-III

Title: PARTIAL REPLACEMENT OF CEMENT WITH GGBS AND METAKAOLIN.

1. Goal:

This paper explains the exponential growth in urbanization and industrialization, By- product from industries are becoming an increasing concern for recycling and waste management. Ground Granulated Blast Furnace Slag (GGBS) isa by-product from the blast furnace of iron and steel industries and it is useful in the design and development of highly quality cement paste. It effects the strength and durability properties .The strength of concrete will increased by using of mineral admixture Metakaolin. To find out the compressive strength of concrete specimen, during period of 3,7,&28 days.

2. Content:

Investigations on strengths characteristics of the motor and concrete with the meta kaolin which is an industrial by-product as partial replacement and full replacement of the cement are reported by several researchers. The test results indicate that concrete using metakoalin and GGBS has been confirmed to improve the strength and durability aspects compare to the normal mix.

3. Practice Procedure:

1. Tests on cement.
 - a) Initial and final setting time
 - b) Fineness of cement
 - c) Specific gravity of cement.
2. Tests on fine aggregate
 - a) Specific gravity of fine aggregate and fineness modulus.
3. Tests on coarse aggregate
 - a) Specific gravity of coarse aggregate






- b) Water absorption
 - c) Fineness modulus
4. To prepare mix design that is of M30 grade.
 5. Preparation of cubes of sizes (150mmx150mmx150mm) and find out the compressive strengths.

Hardware Components:

1. Vicat apparatus
2. Set of sieves
3. Specific gravity bottles.
4. Compression testing machine
5. Wire basket
6. Cube moulds



6. Working:

-  Replacement of cement with GGBS & METAKOALIN
-  preparation of cubes
-  curing
-  To find out the compressive strength for every 3,7,28 days
-  The final result is 30% replacement of GGBS and METKOALIN at 28 days strength increases .

7.Evidence of Success:

➤ Our project is implemented in our Department Staff Room.

Certified by Head Of the Department and Principal.

8. Problems Encountered:

- GGBS only from iron industries
- Metakoalin only founded as by-product in industries.
- Huge quantities cannot be founded.
- GGBS and METAKOALIN are not economical when compared to cement.

9. Contact Details:

SL No	Roll No	Student Name
1	12JR1A0101	V.Amruthavalli
2	12JR1A0103	G.Sasichandana
3	12JR1A0105	K.Naveena
4	12JR1A0107	S.Saileela

INNOVATION-IV

1. Title of the Project:

An Experimental Investigation of a Hybrid Home Air Conditioner Using R134a Refrigerant

2. Goal:

Now a day's Air conditioning has become the basic necessity for human comfort from the last decade due to global warming. Innovation in air conditioning technologies continues, with much recent emphasis placed on energy and efficiency. Reducing the power consumption is the main criteria because the cost of electricity is increasing day by day. In most of the air conditioners refrigerants such as R11, R12, and R22 etc. are used this contributes depletion of the ozone layer. This thesis proposes that by using low temperature eco friendly refrigerants such as R134a can reduces the cooling time of the room.

3. Content:

The vapour-compression uses a circulating liquid refrigerant as the medium which absorbs and removes heat from the space to be cooled and subsequently rejects that heat elsewhere. All such systems have four components: a compressor, a condenser, a thermal expansion valve, and an evaporator. Circulating refrigerant enters the compressor in the thermodynamic state known as a saturated vapour and is compressed to a higher pressure, resulting in a higher temperature as well. The hot, compressed vapour is then in the thermodynamic state known as a superheated vapour and it is at a temperature and pressure at which it can be condensed with cooling air. That hot vapour is routed through a condenser where it is cooled and condensed into a liquid by flowing through a coil with cool

air flowing across the coil. This is where the circulating refrigerant rejects heat from the system and the rejected heat is carried away by either the air (whichever may be the case).

The condensed liquid refrigerant, in the thermodynamic state known as a saturated liquid, is next routed through an expansion valve where it undergoes an abrupt reduction in pressure. That pressure reduction results in the adiabatic flash evaporation of a part of the liquid refrigerant. The auto-refrigeration effect of the adiabatic flash evaporation lowers the temperature of the liquid and vapour refrigerant mixture to where it is colder than the temperature of the enclosed space to be refrigerated.

Our outdoor unit specifications are compressor – 0.75hp of emerson climate technology's limited model KCJ498HAG having 2.591×10^{-5} m² displacement and 2800 rpm speed, condenser pipe perimeter 2.5cm condenser pipe length 1.35m condenser fan motor rated speed 1175rpm. We want to know the thermal performance that's why we set the pressure and temperature gauges at suction and discharge of the compressor i.e., at evaporator outlet and condenser inlet respectively.

We did 3 regulations of condenser fan speed to determine the optimum speed. Our indoor unit comprises of capillary tube as expansion device and evaporator coil, blower. We used 0.66"dia and 5 feet length of capillary. We used napoleon AS- 12c53f150I4 model indoor unit. Mass flow rate of air coming from our evaporator blower is 633.87 kg/hr it is an observed value by using density of air and volume. We fabricated an insulated cabin having dimensions of 8 × 4 × 8 feets of size and we applied sensible heat through electrical bulbs.

4. Practice Procedure:

- Title is selected from reputed journal.
- Project is initiated by batch mates and internal guide.
- Finally the results are obtained by experimental setup.

5. Evidence of Success:

- The external panel members appreciated about this work and experimental results presented and may implement in future and have a lot of scope in future.
- Certified by the Head of the department and Principal.
- Published in international journal and in Eenadu newspaper

6. Conclusion:

The following conclusions were drawn based on experimental results.

- 1) Experimental results show that, at the 3/4th load we got the maximum cop of 6.4 which are very closer to the carnot cop.
- 2) We achieved the better cooling capacity of 0.7 tr at the utmost 3/4th load.
- 3) The volumetric efficiency of the compressor is in between 75 % - 90% at all loads which is a better indication of working of a compressor and therefore the power consumption is just above 130 watts at the maximum load i.e., 3/4th Load.
- 4) Experimental results shows that the cop of the refrigeration system is increasing with the load which indicates the rate of cooling capacity is also increasing proportionately with load.
- 5) Since the rate of cooling capacity in the conditioned space is high therefore the power consumption decreases per unit cooling.

7. Future Scope:

During experimentation we found that the conditioned space will cools very fast and at the same time cooling dissipation from the conditioned space is also very fast. Research has to be done in this accept and considered as a future scope for the scholars.

8. Contact Details:

Sl.No	Name of The Student	Email.Id	Phone no
1	P. TRINADH	trinadhpydipati@hotmail.com	9553340026
2	FAIZ AHEMAD KHAN PATHAN	faizkhan@gmail.com	9440666596
3	NARESH GOTTAM	nareshgottam@gmail.com	7382267569
4	ABHINAY JOSHI KONDURU	ajoshikonduru@gmail.com	9542645097
5	RAMESH BABU NALABOLU	rameshnalabolu@gmail.com	8686861237

7.3 Best practices

(Best Practice:I)

1. TITLE: Student Marks Analysis System

2. Goal:

To make camera-ready report of student-progress via, semester wise, year wise, backlogs, continuing progression, result analysis for institutional management to provide awareness and/or inductive programs for fine achievements of a student as well.

3. Context:

The analysis of the student from the inception into the KITS in the first and till the completion of their degree will be inquired by the parent, or the faculty or the institute where he/she enroll with in further, is much waiting process since the conventional records were maintained on paper. The analysis of his/ her result with others also may vary by year wise (curriculum-wise), subject wise or faculty wise, semester wise, or achievement scenarios, of which may be a time-consuming process of attaining it.

The hot driven process is now made easier to attain maintenance of all recorded results every semester and do analysis as per prescribed proforma given by the institution and/or the parent who cares about their ward. The proforma is made through subject wise, semester wise, class wise, year wise, backlog list, completed and/or not completed reports, discontinued or transfer report issues, etc.

The same system will also be used for the continuous performance improvements department wise, subject wise, institution wise that may be extended to make remedial classes, slow learner classes for poor performance students and it may extend to the makeup classes for their next attempt of their corresponding examinations.

4. PRACTICE

1. Once it is opened as <http://10.10.10.33> onto a browser, the user is expected with their credentials.

2. a. Upon success of marks entry administrator login, they are supposed to edit results of students from JNTUKakinada given PDFfile into CSV formatted spread sheets.

b. Upon success of faculty/ management login, they are supposed to attain result analysis of their student and/or students in following format:

i. Student wise **ii.** Semester wise **iii.** Year wise **iv.** Semester wise backlog information **v.** Toppers list **vi.** Branch wise **vii.** College wise **viii.** Individual subject analysis **ix.** Semester analysis

x. Academics of pass-out students **i.** report of detained / transfer/ rejoined students

xii. Student details search by registered number / name and/or branch-year

3. The reports attained through step 2 may be available for making printout, if the system is prevailed.

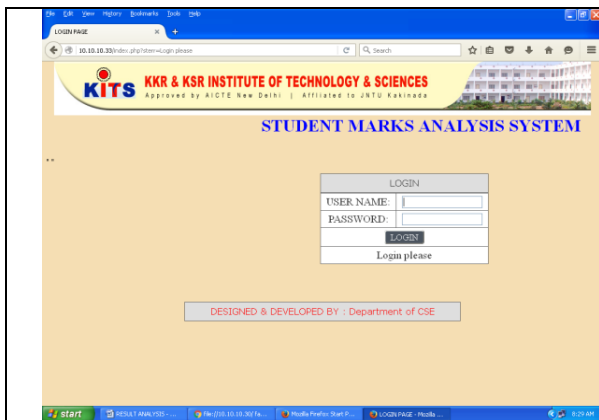
4. Regular maintenance/updating/access-restriction of records as per the chief superintendent of the examination section.

5. Evidence of success:

1. With the proposed system better interaction is possible, parents are clearly view the students

performance whenever they required.

- l. Parents can view their children details very clearly from their place.
- l. Getting re-admitted student details is very easy with this system manually it is very difficult.
- l. It is more beneficial in placement point of view as it is easy to get all the student details as per requirement of the company.
- l. This system helps to identify the weak students to conduct remedial classes.
- l. This system helps to identify the toppers of the department and college by semester wise
- l. It provides subject wise analysis.



Login Page of Student Marks Analysis System



Main Page after login

STUDENT ALL YEARS PERCENTAGE WITH AGGREGATE

SNO	REGNO	NAME	SEM I	SEM II	SEM III	SEM IV	SEM V	SEM VI	AGGREGATE	CREDIT	STATUS	PHOTO	
1	12RI1A0301	ASEE PRASHEETHA	68.22%	64.40%	59.05%	59.76%	59.07%	56.52%	52.00%	40.27%	100	6	
2	12RI1A0302	ADAPALA UMA MAHESWARANI	78.22%	75.03%	67.11%	62.30%	68.27%	71.60%	64.93%	49.81%	100	0	
3	12RI1A0303	AKURATHI DAI DEE	74.09%	72.40%	63.76%	68.24%	76.00%	70.53%	74.93%	71.30%	100	0	
4	12RI1A0304	ARSHA PRANI PRIYANKA	81.11%	75.27%	72.46%	66.06%	74.27%	48.53%	66.40%	72.23%	100	0	
5	12RI1A0305	APPARIBAM SRINATH	80.67%	86.18%	71.03%	77.38%	77.47%	73.60%	73.07%	77.23%	100	0	
6	12RI1A0306	ATYATHA DEBANKHI	74.00%	68.36%	64.12%	70.06%	68.13%	76.67%	69.20%	70.00%	100	0	
7	12RI1A0307	BEERAM SRIBHANI	71.33%	77.33%	62.79%	69.40%	74.13%	69.20%	65.53%	70.26%	100	0	
8	12RI1A0308	BHEEMDEVY NAGANAGARANI	81.36%	80.77%	72.46%	72.12%	77.47%	69.87%	72.00%	75.34%	100	0	
9	12RI1A0309	BOOJA ANEELA	83.56%	86.30%	73.43%	76.53%	77.47%	72.27%	70.13%	78.90%	100	0	
10	12RI1A0310	BOOGADAM DAI PREVA	89.22%	84.57%	78.11%	77.40%	80.80%	78.53%	77.07%	81.07%	100	0	

Academic Result Sorted Using RID

STUDENT ALL YEARS PERCENTAGE WITH AGGREGATE

SNO	REGNO	NAME	AGGREGATE	CREDIT	STATUS	PHOTO
1	11RI1A0401	ARIFALA SURE	63.11	200	0	
2	11RI1A0401	AMEELA BANDELA	67.52	200	0	COMPLETED
3	11RI1A0401	ARIFALA SURESHA	74.73	200	0	COMPLETED
4	11RI1A0401	RAVATHI LAKSHMIPRANALI	77.21	200	0	COMPLETED
5	11RI1A0401	CHETANESHI SANGITA PRADHANA	69.73	200	0	COMPLETED
6	11RI1A0401	CHETANESHI VEENESHINI	65.91	204	1	COMPLETED
7	11RI1A0401	SARANI KALSHRI	79.87	200	0	COMPLETED
8	11RI1A0401	SARITA MEETHI	74.31	200	0	COMPLETED
9	11RI1A0401	SHREYA VENKATASRI LAKSHMI PRASADHA	78.15	200	0	COMPLETED
10	11RI1A0401	SHELLAPATI TEJASWI	67.87	200	0	COMPLETED
11	11RI1A0401	SHREYAS RAKA LALITHA	83.53	200	0	COMPLETED

Results Obtained Of All Passed Out Batches

STUDENT DETAILS OF PG

STUDENT DETAILS OF B.TECH & MBA

SNO	REGNO	STUDENT NAME	PHOTO
1	12RI1D5801	DARSHI GAJATHEE	
2	12RI1D5802	GOORANTLA ANUSHA	
3	12RI1D5803	RAZIYA SULTANA SHEARFF	
4	12RI1D5804	SAJJA KAVYA	

Details of PG Student obtained using keylist

STUDENT DETAILS OF UG

STUDENT DETAILS OF B.TECH & BPHARMACY

SNO	REGNO	STUDENT NAME	KEYLIST	PHOTO
1	12RI1A0544	DRUVI RAJA VEERARAJESH	keylist_1	

Details of UG Students obtained using keylist

6.Problems Encountered:

Sl. No.	Issues encountered	Steadfast	Module effected/ incepted
1.	Format conversion is required because university mark sheets are in one format and the database designed in another format.	By using conversion tools and manually converting the pdf to excel.	All modules are effected

2.	Few of parents can't view their ward details because they are unaware of Internet connection at their houses even though we are providing parents login to the parents.	Providing awareness to the parents about this application by calling them to the college.	---
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7. Contact Details :

Mr. G.Dileep Kumar M.Tech., (Ph.D.)

Asst. Professor, Dept. of CSE

Department Evaluation Reports

Department Of Electronics & Communication Engineering

1. Name of the department: Electronics & Communication Engineering

2. Year of Establishment

Program	Description
UG in... 2008	Started with... 60.....seats in 2008 Intake increased to... 120 in. 2009 . Intake increased again to... 180.....in. 2012
PG in... 2012	Started with 18 seats in 2012 with VLSI Specialization Intake increased to 36 in same discipline of PG in the year 2014. Another PG course in “DECS” is added in the year 2013 with an intake of 18 seats. Intake increased to 36 seats in 2014 for same specialization

3.Name of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

4.Names of Interdisciplinary courses and the departments/units involved

5.Annual/ semester/choice based credit system (programme wise)

a)B.Tech (Electronics & Communication Engineering) – Semester based Credit system

b)M. Tech (VLSI) - Semester based Credit system

Program	Program details
UG (B.Tech)	Electronics & Communication Engineering
PG (M.Tech)	VLSI Digital Electronics & Communication Systems

c)M. Tech (DECS) - Semester based Credit system

6. Participation of the Department in the courses offered by other departments

Department	Subject Name	Total
CSE	Digital Logic Design, Digital Logic Design Lab	2
EEE	Micro Processor And Micro Controller, Pulse And Digital Circuits, Linear And Digital IC Applications, Switching Theory And Logic Design, Basic Electronics and devices , Electronic Devices & Circuits Lab, Micro Processor And Micro Controller Lab	7
MECH	Instrumentation & Control Systems, Micro Electro Mechanical Systems	2
TOTAL		11

7. Courses in collaboration with other universities, industries, foreign Institutions etc.

NIL

8. Details of courses/programmes discontinued (if any) with reasons

NIL

9. Number of teaching posts

Designation	Sanctioned	Filled
Professors	5	5
Associate Professors	4	4
Asst. Professors	22	22

10. Faculty profile with name, qualification, designation, specialization (Ph.D. / M. Tech.)

S.No.	Name of the Faculty	Designation	Qualification	Specialization	Total Experience (In Years)
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Self Study Report

1	Dr.M.Siva Ganga prasad	Professor & H.O.D	Ph.D	Wireless Communications	18
2	Prof.K.Madusudhan Rao	Professor	M.Tech (Ph.D)	DECS	26
3	Dr.Md.Rahaman	Professor	Ph.D	Signal Processing	14
4	Prof.V.Murali krishna	Professor	M.Tech (Ph.D)	Applied Electronics	19
5	Dr.M.Venkata Sudhakar	Professor	Ph.D	OFC	11
6	Dr.SK.Khamuruddeen	Assoc.Professor	Ph.D	VLSI	09
7	Mr. K.Raju	Assoc.Professor	M.Tech (Ph.D)	VLSI	12
8	Mr. G.Malyadri	Assoc.Professor	M.Tech (Ph.D)	DECS	11
9	Ms.Sunitha	Assoc.Professor	M.Tech	DECS	07
10	Mr.EV Narayana	Asst.Professor	M.Tech	ES	04
11	Mr. M.Srinivas	Asst.Professor	M.Tech	VLSI Design	08
12	Mr. A.Sarath Kumar	Asst.Professor	M.Tech	ECE	08
13	Mr. Ch.Chandra Sekhar Reddy	Asst.Professor	M.Tech	DECS	04
14	Mr.A.Srinag	Asst.Professor	M.Tech	ES	4.5
15	Ms. T.Bhavani	Asst.Professor	M.Tech	DSCE	07
16	Mr. P. Ashok Babu	Asst.Professor	M.Tech	DECS	4.6
17	Ms. S.Tirumala Devi	Asst.Professor	M.Tech(P h.D)	VLSI	04

18	Mr. E.Bhanu Prasad	Asst.Professor	M.Tech	CS	4.6
19	Ms. P.Sarala	Asst.Professor	M.Tech(P h.D)	C&C	6.8
20	Mr. K.Mallikarjuna Rao	Asst.Professor	M.Tech	VLSI & ES	06
21	Ms. M.L.S.N.S.Lakshmi	Asst.Professor	M.Tech(P h.D)	C&R	3.5
22	Mr. M.Sudheer	Asst.Professor	M.Tech	DECS	04
23	Mr. K.Muralikrishna	Asst.Professor	M.Tech(P h.D)	DECS	06
24	Ms. B.Pradeepthi	Asst.Professor	M.Tech	VLSI Design	4.5
25	Ms. E.Revathi	Asst.Professor	M.Tech	VLSI SD	1.5
26	Mr. B. Venu	Asst.Professor	M.Tech	VLSI SD	1.5
27	Mr. T. Venkata Rao	Asst.Professor	M.Tech	ES	2.9
28	Mr. M.Naga Raju	Asst.Professor	M.Tech	VLSI & ES	03
29	Mr. M.Rakesh	Asst.Professor	M.Tech	C & R	01
30	Mr. B.Kumara Swamy	Asst.Professor	M.Tech	Remote Sensing	01
31	Ms. B.Indira Priya Darshini	Asst.Professor	M.Tech	ES	01

11. List of senior visiting faculty : NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : NIL

13. Student -Teacher Ratio (programme wise)

Teacher-Student Ratio (UG) : 1:18

Teacher-Student Ratio (PG) : 1:15

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post	Sanctioned	Filled
Administrative Staff	01	01
Academic support Staff	06	06

15. Qualifications of teaching faculty with Ph.D/ M.Tech

S.NO	Qualification	Number of Faculty
1	Ph.D	04
2	M.Tech	27

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Applied for DST with worth of Rs.46, 64,120.

A Project Proposal Submitted to

Early Career Research Award

Science and Engineering Research Board

Department of Science and Technology, Govt. of India

5 & 5A, Lower Ground Floor, Vasant Square Mall,

Sector-B, Pocket-5, Vasant Kunj,

New Delhi-110070.

Principal Investigator: **Dr. Md. Zia Ur Rahman**

M.Tech., Ph.D.

Co-Principal Investigator: **Dr.M.Siva Ganga Prasad**

M.Tech., Ph.D.

18. Research Centre /facility recognized by the University:

NIL

19. Publications:

Sl.No.	Year of Publication	No of Publications
1	2016-17	14
2	2015-16	24
3	2014-15	19
4	2013-14	17
5	2012-13	26
6	2011-12	17
7	2010-11	1
8	2009-10	1
9	2008-09	1

20. Areas of consultancy and income generated : NIL**21. Faculty as members in**

- a) National committees
- b) International Committees
- c) Editorial Boards

S.NO.	NAME OF THE FACULTY	Professional society membership with ID'S
1	Dr.M.Siva Ganga prasad	IAENG-133432,IAES-20150813675,VEDAS-M071 IRED-SNM1000052158
2	Prof.Madusudhan Rao	ISTE-LM110632 IAENG-170063
3	Dr.Md.Rahaman	SM-IEEE-90672471,LM-ISTE-60633, ISOI-1619,ACES,IFSA,M-IACSIT- 80339312,M-IAENG-107608
4	Dr.SK.Khamuruddeen	IAENG-176365
5	Prof.V.Murali krishna	ISTE-LM60636
6	Dr.M.Venkata Sudhakar	IAENG-170907
7	G.Malyadri	IAENG-171845,IRED-SM10100057440

8	K.Raju	ISTE-LM110633
9	M.Srinivas	IAENG-167630, IRED-AM10100055498, IIRJC-13950
10	A.Sarath Kumar	ISTE-LM110637
11	Ch.Chandra Sekhar Reddy	-
12	A.Srinag	ISTE-APPLIED
13	T.Bhavani	ISTE-APPLIED
14	P. Ashok Babu	ISTE-LM110635
15	E.V.Narayana	IAENG-167616, IRED-AM10100055122
16	S Tirumala Devi	ISTE-LM110640
17	E.Bhanu Prasad	ISTE-LM110634, IAENG-177395
18	P.Sarala	IAENG-170507, IRED-AM10100055590, ISTE-APPLIED
19	K.Mallikarjuna Rao	IAENG-164462, IRED-AM10100053902
20	M.L.S.N.S.Lakshmi	IAENG-145379, ISTE-LM99793, IIRJC-13439, IRED-AM1010001859
21	M.Sudheer	IAENG-166765, IRED-AM10100054925
22	K.Muralikrishna	IRED-AM162960
23	B.Pradeepthi	IAENG-173307
24	T.Revathi	ISTE-LM110636, IRED-AM10100055591
25	B.Venu	IRED-AM10100055589
26	T.Venkat Rao	IAENG-167948, IRED-AM10100055494
27	M.NagaRaju	IAENG-173246, IRED-AM10100057406
28	M.Rakesh	IAENG-176182, IRED-AM10100058309, IIRJC-13976, ISTE-APPLIED
29	B.Kumara Swamy	ISTE-APPLIED
30	B.Indira Priya Darshini	ISTE-APPLIED

List of Editorial Board Members / Reviewers

S.No	Name of the Faculty Member	Name of the Journal / Conference
1	Dr. M. Siva Ganga Prasad	Reviewer, Journal of Medical Imaging and Health Informatics, USA (SCIE Journal)

2	Dr. Md. Zia Ur Rahman	Guest Editor- Novel Techniques in Remote Health Care Monitoring, Special Issue of Journal of Medical Imaging and Health Informatics, USA [SCIE Journal] 2016.
		Guest Editor- Special Issue of Journal of Measurement Technology & Instrumentation Engineering, IGI Publications, USA, 2014.
		Reviewer, IEEE Systems Journal
		Reviewer, IEEE Sensors Journal
		Reviewer, IEEE Access
		Reviewer, Elsevier Measurement
		Reviewer, Elsevier Biomedical Control and Signal Processing
		Reviewer, IET, Science, Measurement & Technology
		Reviewer, Hindawai, Mathematical Problems in Engineering
		Reviewer, Biomedical Engineering
		Reviewer, The Applied Computational Electromagnetics Society Journal
		Reviewer & TPC member for Several IEEE International Conferences
3	Dr. M. Sudhakar	Reviewer, Journal of Medical Imaging and Health Informatics, USA (SCIE Journal)
4	Dr. Kamaruddin Shaik	Reviewer, Journal of Medical Imaging and Health Informatics, USA (SCIE Journal)
		IUCE Conference-ICTIEE, 2017
5	Mr. K. Muralikrishna	Reviewer, Journal of Medical Imaging and Health Informatics, USA (SCIE Journal)

22. Student projects:

a) Percentage of students who have done in-house projects including inter departmental/programmers: 100%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies : NIL

23. Awards / Recognitions received by faculty and students

Awards / Recognitions received by faculty

S.No	Faculty name	Topic	Name of award	Received from
1	Dr. Md.Zia UR Rahaman	Biography publishing	Who's who in the world 2012-13	Marquis who's who USA

Self Study Report

2	Dr.M.Siva Ganga Prasad	Academics & Research	1.Received A Merit Certificate From DLRL 2. Best Teacher Award 2010-11,2011-12	DLRL, KLCE,KL University
3	Dr.SK.Khamuruddeen	Academics & Research	1.Best Teacher 2014-15 2.Performer of the year -2012-13	HITAM, Hyderabad
4	B. Venu	Aspects of IC design	A+ grade	NIT,warangal
5	K. Vinetha	Aspects of IC design	A+ grade	NIT,Warangal

Awards / Recognitions received by students

S.No	Student name	Academic year	Topic	Name of award	Received from
1	D. Lakshmi	2015-16	Project expo	First prize	Chalapathi inst. of engg & technology
2	D. Yeleswari	2015-16	Project expo	First prize	Chalapathi inst. of engg & technology
3.	D.Jyothirmayi	2015-16	Project expo	First prize	Chalapathi inst. of engg & technology
4.	M. Praveen Kumar	2015-16	Project expo	First prize	VVIT
5.	R. Vamsi Krishna	2015-16	Project expo	First prize	VVIT
6.	V.Bharath	2015-16	Project expo	First prize	VVIT
7.	Ramu Sravani	2015-16	Paper presentation	Second prize	VVIT
8.	Tilak	2015-16	Games	Second prize	VVIT
9.	V.Bharath	2015-16	Project expo	First prize	KHIT, guntur
10.	T.Sai Pavan Kumar	2013-14	Indo-Us robo league	Second prize	SRM university
11.	K. Vengal Rao	2015-16	Project expo	First prize	NRI, perecharla

Self Study Report

12	R. Siva Naga Praveen	2015-16	Technical quiz	Third prize	NRI, perecharla
13	R.Sai Krishna	2015-16	Project expo	First prize	NRI, perecharla
14	N. Vamsi Krishna	2015-16	Project expo	First prize	NRI, perecharla
15	Ramu Sravani	2015-16	Spot events	First prize	NEC, Narasaraopeta.
16	Ramu Sravani	2015-16	Technical quiz	Second prize	NEC, Narasaraopeta.
17	N. Vasanth Raju	2013-14	Indo-Us robo league	Second prize	SRM university
18	R. Sai Teja	2013-14	Indo-Us robo league	Second prize	SRM university
19	U. Anantha Sai Kumar	2013-14	Indo-Us robo league	Second prize	SRM university
20	N. Soniya	2013-14	Technical quiz	First prize	Krishaveni engg college
21	N. Soniya	2013-14	Paper presentation	Second	easwar engg college
22	N. Soniya	2013-14	Technical quiz	First prize	Chalapathi inst of engg & technology
23.	D. Lakshmi	2015-16	Paper presentation	First prize	KHIT, guntur

24. List of Eminent academicians and scientists / visitors to the department

S.no	Name	Designation	Organization	Date
1	Mr.D.Trivikram RAO	Manager	Wireless Communications, HAL,Bangalore	16/07/2016
2.	Dr.Kishore Kumar .T	HOD	Dept.of ECE ,NITW	27/08/2016
3	Sri.B.S.N.Murthy	Life Skills Trainer	Rama Krishna Maatt,Hyderabad	21/09/2016
4	Sri.D.Rama Krishna	MD	Efftronics, Vijayawada	29/09/2016
5	Sri.N.Babu	Sr.Manager	SMC pneumatics India pvt Ltd	29/09/2016

25. Seminars/ Conferences/Workshops organized & the source

a) National

S.No	Date Of Event	Seminar/ workshop/conference	Resource Person
1.	16/07/2016	Role of Electronics & Communications in Industry	Mr.D.Trivikram Rao,Manager,HAL, Bangalore
2	29/07/2016 – 30/07/2016	Control System Design Using MATLAB	Dr.J.Ravi Kumar,Asst.Prof, Dept.Of ECE,NITW
3	16/09/2016 – 17/09/2016	Introduction to Robotics	Dr.J.Ravi Kumar,Asst.Prof, Dept.Of ECE,NITW
4	21-9-2015 to 23-9-2015	Workshops on Embedded systems	Kranthi kumar(Que technologies MD)
5	11-2-2015 to 15-2-2015	Workshops on VLSI design	Jagadeedh chandra bose
6	3-3-2016 to 5-3-2016	Work shop on PCB design	Kranthi kumar (Que technologies MD)
7	23-7-2013	Work shop on PCB Design	Anand kumar

b) International : NIL

26.Student profile programme/course wise:

Name of the Course/programme	Academic year	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
B.TECH	2012-16	*	158	77	78	84.17
B.TECH	2011-15	*	139	65	74	83.45
B.TECH	2010-14	*	127	70	57	86.61
M.TECH VLSI	2012-14	*	11	4	7	100
M.TECH VLSI	2013-15	*	07	8	7	Under Project
M.TECH VLSI	2014-16	*	15	4	3	71.42
M.TECH DECS	2013-15	*	6	4	2	83.33
M.TECH DECS	2014-16	*	3	3	-	Under Project

*Admissions are through EAMCET/E-CET / PGECET counseling of AP State Govt *M = Male *F = Female

27. Diversity of Students

Year of admission	Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2012-13	B.TECH	100	0%	0%
2013-14		98.80	1.20	0%
2014-15		100	0%	0%
2015-16		100	0%	0%
2012-13	M.TECH (VLSI)	100	0%	0%
2013-14		100	0%	0%
2014-15		100	0%	0%
2015-16		100	0%	0%
2012-13	M.TECH (DECS)	-	-	-
2013-14		100	0%	0%
2014-15		100	0%	0%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

S.No	Academic Year	Name Of The Competitive Exam	No Of Students Cleared
1.	2014-15	GRE,GATE,PGECET,IELTS	9
2.	2015-16	GRE,GATE,PGECET,IELTS	13

29. Student progression

Student progression	Against % enrolled A.Y
UG to PG	20%
PG to M.Phil.	–
PG to Ph.D.	–
Ph.D. to Post-Doctoral	-
Employed Campus selection Other than campus recruitment	50% (2015-16) 43%(2014-15) 41%(2013-14)
	10%
Entrepreneurship/Self-employment	01%

30. Details of Infrastructural facilities

a) Library

Type of library General/ Digital : General & Digital

b.) If Digital Library is available

No of Systems and Server configuration : **18** & Xeon processor, 2TB Hard disk and 8GB RAM

Name of the Librarian(s) : SK. Rajiya Begum

- a. Qualifications of the Librarian(s) : MA, MLISc.
- b. Number of Supporting Staff : 4
- c. Total Number of Titles of Books : 569
- d. Total Number of Volumes of Books :3850
- e. No. of Titles of Technical / Professional Journals : 40
- f. e-journal subscription details if any : DELNET
- g. Internet Bandwidth & Connectivity : Internet speed of 40 Mbps.

- h. Seating Capacity of Library : 120
 i. Reprographic/Photostat facility : YES
 j. Working Hours of library : 8.00 AM to 6.00 P.M.
 k. Any Innovation/ speciality-give details : NIL

b) Internet facilities for Staff & Students

➤ Internet facilities for Staff & Students available in E-CAD lab, R & D lab and Main Computer lab. Internet speed of 40 Mbps, BSNL broad band leased line is available.

c) Class rooms with ICT

Rooms	No of Rooms	Facilities Available (Rs.)
Lecture Rooms	09	Adequate no of tables , benches, Fans, Tube lights LCD Projector and, podium, Benches, Chalks & Duster
Tutorial Rooms	01	

d) Facility

Staff room cabins are provided for faculty with all facilities. Waiting halls are provided separately for students.

Laboratories

Name of Lab	Space (in Sq.m)	Softwares	Courses for which the lab. is to be used and No. of students working/per week
EDC / ECA LAB	101.37	-	II B.Tech – ECE-180,II EEE-60, II-CSE-180
IC/PDC LAB	101.37	-	III B.Tech – ECE 180,II ECE-180
AC /DC LAB	101.37	-	III B.Tech – ECE 180 III B.Tech ECE-180

Self Study Report

ECAD LAB	202.74	MATLAB, XILINX, MULTI SIM, HEP-1(MENTOR GRAPHICS)	II B.Tech – ECE 180, III B.Tech – ECE 180,
MPMC LAB	101.37	MASM/ TASM, KEIL μ VISION 3.0	III B.Tech – ECE 180 , IV EEE-60
MW & OC LAB	101.37	-	IV B.Tech – ECE 180
R & D LAB	101.37	MATLAB, KEIL μ VISION 3.0	Faculty & Studens

31. Number of students receiving financial assistance from college, university, government or other agencies.

Agency	No. of students received financial			
	2012-13	2013-14	2014-15	2015-16
Government	567	572	654	710
Management	8	8	8	8

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

S.No	Date Of Event	Seminar/ workshop/conference	Resource Person
1.	16/07/2016	Role of Electronics & Communications in Industry	Mr.D.Trivikram Rao, Manager, HAL, Bangalore
2	29/07/2016 – 30/07/2016	Control System Design Using MATLAB	Dr.J.Ravi Kumar, Asst.Prof., Dept.Of ECE, NITW
3	16/09/2016 – 17/09/2016	Introduction to Robotics	Dr.J.Ravi Kumar, Asst.Prof., Dept.Of ECE, NITW
4	21-9-2015 to 23-9-2015	Workshops on Embedded systems	Kranthi kumar(Que

			technologies MD)
5	11-2-2015 to 15-2-2015	Workshops on VLSI design	Jagadeedh chandra bose
6	3-3-2016 to 5-3-2016	Work shop on PCB design	Kranthi kumar (Que technologies MD)
7	23-7-2013	Work shop on PCB Design	Anand kumar

33. Teaching methods adopted to improve student learning

- Classes are conducted regularly as per time table.
- Black board teaching in all class rooms.
- Group discussion about subject
- Power point presentations/Video lectures/OHPs are arranged to the students by the concerned faculty.
- Tutorial classes are conducted to improve the problem solving skills
- Conducting class tests after completion of prescribed syllabus
- Providing extra content to fill the gap between academics and industry
- Conducting remedial classes for poor learners to improve their academic performance
- Assignments are given to students based on the need of the topic
- Easy access to the notes of each subject from department library
- Providing extra lab practice to all the students to improve the practical skills along with regular curriculum.
- Encouraging the students to deliver a seminar on topic related to subject in the allotted period.
- University results are critically analyzed and discussed at the faculty meeting. Follow-up actions are initiated.
- Delivering staff seminars on advanced topics
- Arranging workshops/guest lecturers to students by eminent personalities from academic institutions and Industry to enhance the knowledge of student
- Involving the students in technical expo/exhibition to develop the application of electronics.
- Arranging Industrial Visits
- NPTEL lecture

34. Participation in Institutional Social Responsibility (ISR) and Extension activities (Academic year 2010-15)

Activities NSS

S.NO	NAME OF THE ACTIVITY	DATE OF ACTIVITY	NO OF STUDENTS PARTICIPATED	BUDGET FOR ACTIVITY
1.	BLOOD DONATION CAMP	10-10-2010	30	20,000/-
		05-04-2012	25	
2.	TREE PLANTATION	24-09-2015	75	5,000/-
3.	DONATION FOR HEART PLANTATION PATIENT	09-10-2015	700	50,341/-
4.	SWATCH KITS	07-11-2015	30	2,000/-
5.	OLD AGE HOME SERVICE	28-11-2015	50	4,000/-
6.	SKILL ACQUISITION	05-12-2015	50	3,000/-
7.	BLOOD DONATION AT EMERGENCY CASES IN HOSPITALS		10	
8.	DONATED MEDICINES AT OLDAGE HOMES	02-01-2016	25	5,000/-
9.	DONATION FOR POOR STUDENTS EDUCATION	22-01-2016	20	2,000/-
10.	TRAFFIC AWARENESS RALLY	16-02-2016	100	5000/-
11.	LEAP (LEADING ANDEVOURS FOR ACHIEVING PROGRESS) YOUTH CONFERENCE, BITS PILANI	24-02-2016 to 02-03-2016	8	5,000/-
TOTAL AMOUNT				1,01,341/-

Academic year 2016

S.NO	NAME OF THE ACTIVITY	DATE OF ACTIVITY	NO OF STUDENTS PARTICIPATED	BUDGET FOR ACTIVITY (APPROX)
1.	HEALTH CAMP	22-04-2015	100	20,000/-
2.	MOTHER'S DAY CELEBRATIONS	10-05-2015	50	5,000/-
3.	NO SMOKING (TOBBACO) AWARENESS RALLY	31-05-2015	100	2,000/-
4.	ENVIRONMENTAL CAMP (TREE PLANTATION)	05-06-2015	50	10,000/-
5.	BLOOD CAMP & AWARENESS SEMINAR	14-06-2015	80	10,000/-
6.	LITERACY AWARENESS CAMP AT VILLAGES	08-09-2015	50	5,000/-
7.	NSS FOUNDATION CELEBRATIONS	24-09-2015	40	7,000/-
8.	SWACH BHARATH	02-10-2015	50	5,000/-
9.	EYE CHECK UP CAMP	12-10-2015	65	10,000/-
10.	AIDS AWARENESS RALLY	01-12-2015	80	5,000/-
TOTAL AMOUNT				79000/-

35. SWOC Analysis of The Department And Future Plans

Strengths:

- More than 80% results consistently
- 60% placements
- Application Oriented Teaching
- Dedicated and Experienced faculties
- Well equipped laboratories with latest systems and required software.

Weakness:

- Weak in senior faculty with Ph.D and from industries.

- Need to be improve entrepreneurship intelligence among students coming from villages.

Opportunities:

- Making our new capital as a smart city with latest digital technology.
- Providing traffic light control systems with embedded technologies in our city.

Challenges:

- Government policy initiating private colleges.
- Retention of the faculties.

Future Plans:

- Up-gradation of faculty qualifications
- To take up R&D projects from funding agencies like DST, UGC and AICTE.
- Applying for external funded research projects with collaboration of government and private organizations, establishing MOUs with National /International, academic/research organizations
- To conduct National/International Conference for the faculty, Research scholars, PG Students
- To attend Industrial training programmes by the faculty
- To conduct Student Development Programme in the emerging areas
- To conduct faculty development programmes in the latest technologies and teaching methodologies.

Department of Electrical & Electronics Engineering

1. Name of the department: **Electrical & Electronics Engineering**
2. Year of Establishment: **2008**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

UG: B.Tech in Electrical and Electronics Engineering

PG: M.Tech in Power Electronics and Drives

4. Names of Interdisciplinary courses and the departments/units involved:

S.No	Course	Department
1	Thermal and Hydro Prime movers	ME
2	Basic Electronics And Devices	ECE
3	Complex Variables and Statistical Methods	S&H
4	Environmental studies	S&H
5	Switching Theory and Logic Design	ECE
6	Pulse & Digital Circuits	ECE
7	Managerial Economics and Financial Analysis	S&H
8	Linear & Digital IC Applications	ECE
9	IPR & Patents	S&H
10	Microprocessors & Microcontrollers	ECE
11	Management Science	S&H
12	Computer Organization	CSE
13	OOPS through Java	CSE
14	Thermal and Hydro Lab	ME
15	Electronic Devices & Circuits Lab	ECE
16	Microprocessors & Microcontrollers Lab	ECE

5. Annual/ semester/choice based credit system (programme wise)-

- **UG : B.Tech(Electrical and Electronics Engineering) is Semester based Credit System with Electives in Higher Semesters**
- **PG : M.Tech (Power Electronics and Drives) is Semester based Credit System with Electives in Higher Semesters**

6. Participation of the department in the courses offered by other departments

S.No	Course	Department offered
1	Network Analysis	ECE
2	Basic Electrical & Electronics Engineering	Civil, ME
3	Electrical Technology	ECE
4	Control Systems	ECE
5	Networks & Electrical Technology Lab	ECE
6	BEEE Lab	ME

7. Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil**

8. Details of courses/programmes discontinued (if any) with reasons: **Nil**

9. Number of Teaching posts

Post	Sanctioned	Filled
Professors	1	1
Associate Professors	0	0
Asst. Professors	14	14

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

S.No	Name	Qualification	Designation	Specialization	No. of Years of Experience
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1	Prof.T.SRINIVASA RAO	M.TECH	Professor	Control systems	28
2	Mr.M. AMARENDRA	M.TECH	Assistant Professor	Power electronics & drives	7
3	Mr.K. SARATH BHUSHAN	M.TECH	Assistant Professor	Energy systems	5
4	Mr.DEVARAPU SUBBA RAO	M.TECH	Assistant Professor	Power Systemms	3
5	Mr.K. RAVI KUMAR	M.TECH	Assistant Professor	Power electronics & electrical drives	6
6	Mr.Y. RAJESH BABU	M.TECH	Assistant Professor	Power & industrial drives	9
7	Mrs.RAMINENI PUNYAVATHI	M.TECH	Assistant Professor	Power electronics & power systems	4
8	Mr.D.SAMBASIVA RAO	M.TECH	Assistant Professor	Power electronics & drives	1
9	Mr.SURAM MALLIKARJUNA RAO	M.TECH	Assistant Professor	Power electronics & drives	5
10	Mr.KANKANALA GOPI TEJA	M.TECH	Assistant Professor	Control systems	2
11	Mr.OLETI HIMA KIRAN KUMAR	M.TECH	Assistant Professor	Power electronics & drives	1
12	Mr.SURAPURAJU VENKATESH	M.TECH	Assistant Professor	Power electronics	1
13	Mr.MERAJOTHU PRATAP NAIK	M.TECH	Assistant Professor	Control systems & instrumentation	2
14	Mrs.A.JYOTHIRMAYE	M.TECH	Assistant Professor	Power Systemms	5
15	Mr.P.CHANDARA SATISH	M.TECH	Assistant Professor	Power electronics & drives	1

11. List of senior visiting faculty-**Nil**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **Nil**
13. Student -Teacher Ratio (programme wise): **1:16.8**

- 14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :**

Post	Sanctioned	Filled
Administrative Staff	1	1
Academic Support Staff (Technical)	04	04

- 15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.**

S.No	Qualification	Number of Faculty
1	M.Tech	15

- 16.** Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**
- 17.** Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**
- 18.** Research Centre /facility recognized by the University: **Nil**
- 19.** Publications: 9

a) Publication per faculty: 0.6

Number of papers published in peer reviewed journals (national /International) by faculty and students

- Number of publications listed in International Database: **09**
- Monographs: **Nil**
- Chapter in Books: **Nil**
- Books Edited: **Nil**
- Books with ISBN/ISSN numbers with details of publishers: **Nil**
- Citation Index: **Nil**
- SNIP: **Nil**
- SJR: **Nil**

➤ Impact factor: Nil

➤ h-index: **Nil**

20. Areas of consultancy and income generated: **Nil**

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....:

Professional Societies: **05**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **100%**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: **Nil**

23. Awards / Recognitions received by faculty and students:

S.No	Student name	Academic year	Topic	Name of award	Received from
1	Nayak Pradeep Kumar	2015-16	Paper Presentation	II nd Prize	Prayaga at TEC
2	G.Harsha Vardhan	2015-16	Paper Presentation	II nd Prize	Prayaga at TEC
3.	G.V.V.G.S.K.Prasad	2015-16	Cricket	II nd Prize	Esver Engineering College
4.	T.Balaram Krishna	2015-16	Dance	I st Prize	Chalapathi Engineering College
5.	N.Sandeep	2015-16	Mimicry	I st Prize	Mallineni Engineering College

S.No	Faculty name	Academic year	Name of award
1	Prof.T.Srinivasa Rao	2014-15	Best Teacher
2	Mr.K.Ravi Kumar	2013-14	Best Teacher

Self Study Report

3.	Mr. K.Sarath Bhushan	2012-13	Best Teacher
4.	Prof.T.Srinivasa Rao	2011-12	Best Teacher

24. List of eminent academicians and scientists / visitors to the department:

S.No	Date & Year	Name of the Academician	Designation	Organization	Purpose of Visit
1	18 th Jan 2016 to 23 rd Jan 2016	Mr.Anand kumar & Mr.Deepak	Trainers	NEC, Vijayawada	One week workshop on MATLAB/SIMULINK
2	8 th Feb 2016 to 12 th Feb 2016	Mr.A.Arun Kumar & Mr.M.Ashok Balaji	Trainers	AGIIT, Coimbatore	One week workshop on PLC & SCADA
3	20 th Feb 2016	Prof Sleeve Reddy	Professor & HOD	LITAM, Sathenapalli	Chief guest for Technical Paper presentation and project expo KITS YUVA 2016

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National: **Nil**

b)International : **Nil**

c)Institutional :**02 (2016-17:05)**

S.NO	YEAR	DATE OF EVENT	WORKSHOP/ SEMINAR/ GUEST LECTURE	RESOURCE PERSON/ INSTITUTE	STUDENTS
1	2014-15	10/02/2015- 16/02/2015	ONE WEEK WORKSHOP ON PLC & SCADA	AGIIT INSTITUTE, CHENNAI	III EEE
2	2015-16	11/8/2015	INDUSTRIAL VISIT TO NAGARJUNA SAGAR HYDRO ELECTRICAL POWER PLANT	GENCO ,NALGONDA DISTRICT, TELANGANA.	III EEE

3	2015-16	18/01/2016-23-01/2016	ONE WEEK WORKSHOP ON MATLAB & SIMULINK	Mr. NARESH , Mr .ANAND KUMAR FROM NARESH ENGINEERING COACHING INSTITUTE , VIJAYAWADA	IV EEE
4	2015-16	08/02/2016-13/02/2016	ONE WEEK WORKSHOP ON PLC & SCADA	Mr. ARUN BALAJI AND Mr. FROM AGIIT INSTITUTE, CHENNAI	III EEE
5	2016-17	19/07/2016	GUEST LECTURE ON PERSONALITY DEVELOPMENT	Dr. H. KALYAN RAO, NRI MEDICAL COLLEGE, MANGALAGIRI	II EEE, MECH, CIVIL
6	2016-17	28/07/2016	SEMINAR ON AUTOMATION AND ROBOTICS	MR. V. MADHUKAR, PROLIFIC SYSTEMS AND TECHNOLOGIES PVT LTD	IV EEE, ECE
7	2016-17	29/07/2016	INDUSTRIAL VISIT TO TRANSFORMERS MANUFACTURING INDUSTRY	VIGNESWARA ELECTRICALS AND TRANSFORMERS, GUNTUR	II EEE
8	2016-17	6/8/2016	GUEST LECTURE ON WIND ENERGY SYSTEMS	Dr. Y.S.KISHORE BABU, JNTUK ,NARASARAO PET	IV EEE
9	2016-17	21/09/2016	AWARENESS PROGRAM	MR. G. SANTOSH	III EEE
10	2016-17	26/09/2016-01/102016	plc workshop	Mr. Harish and Mr. Arun Balaji, AGIIT CHENNAI	III EEE
11	2016-17	16/09/2016	INDUSTRIAL VISIT	Dr. NTTR VTPS,	III EEE

26. Student profile programme /course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Thermal and Hydro Prime movers	59	59	40	19	71.93
Basic Electronics And Devices	59	59	40	19	64.91

Complex Variables and Statistical Methods	59	59	40	19	91.23
Environmental studies	58	58	40	19	98.25
Switching Theory and Logic Design	58	58	38	19	94.83
Pulse & Digital Circuits	58	58	38	19	70.18
Managerial Economics and Financial Analysis	58	58	39	19	82.76
Linear & Digital IC Applications	58	58	39	19	87.93
IPR & Patents	58	58	39	19	98.28
Microprocessors & Microcontrollers	58	58	39	19	91.38
Management Science	58	58	39	19	93.1
Computer Organization	62	62	44	18	88.71
OOPS through Java	62	62	44	18	83.87
Thermal and Hydro Lab	59	59	40	19	100
Electronic Devices & Circuits Lab	57	57	38	19	100
Microprocessors & Microcontrollers Lab	62	62	44	18	98.39

***M = Male *F = Female**

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Tech	100	0	0
M.Tech	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?:

S.No	Name of the competitive Exam	Academic Year	Number of Students
1	GATE	2011-2012	2
2	GATE	2012-2013	2
3	GATE	2013-2014	0
4	GATE	2014-2015	0
5	GATE	2015-2016	1
6	GRE	2011-2012	2
7	GRE	2012-2013	2
8	GRE	2013-2014	2
9	GRE	2014-2015	1

29. Student progression

Student progression	Against % enrolled
UG to PG	3.03%(2015-16)
PG to M.Phil.	Nil
PG to Ph.D.	8.33%
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	39.39%(2015-16)
• Other than campus recruitment	6.06%(2015-16)
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities

a) Library:

	Titles	Books	Cost
B.Tech	390	2046	542912.72
M.Tech	74	318	98961.8
Total	464	2364	641874.52

Journals & Magazines

	National Journals	Magazines	Internal Journal
EEE	9	2	5

b) Internet facilities for Staff & Students : Available

c) Class rooms with ICT facility: Yes

d) Laboratories:

Electrical Machines Lab Power Electronics Lab

Control Systems Lab

Electrical Circuits Lab

Electrical Measurements Lab

Power Electronics & Drives Lab

Simulation Lab

31. Number of students receiving financial assistance from college, university, government or other agencies:

S.No	Academic Year	Number of Students	financial assistance from college, university, government or other agencies:
1	2011-2012	151	Government
2	2012-2013	168	Government
3	2013-2014	186	Government
4	2014-2015	177	Government

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

S.No	Name of the special lectures / workshops / seminar	Resource Person	Date(s)
1	One week workshop on MATLAB/SIMULINK	NEC, Vijayawada	18 th Jan 2016 to 23 rd Jan 2016
2	One week workshop on PLC & SCADA	AGIIT, Coimbatore	8 th Feb 2016 to 12 th Feb 2016

33. Teaching methods adopted to improve student learning

1. LCD Projector
2. Chalk & Talk
3. Student Seminars,
4. Assignments,
5. Handouts
6. Experiential learning through LEAD, WE, T-CELL
7. Programmes at departmental level

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

S.NO	NAME OF THE ACTIVITY	DATE OF ACTIVITY	No of Student Participated
1	BLOOD DONATION CAMP	10-10-2010 & 05-04-2012	5
2	TREE PLANTATION	24-09-2015	2
3	DONATION FOR HEART PLANTATION PATIENT	09-10-2015	15
4	SWATCH KITS	07-11-2015	5
5	OLD AGE HOME SERVICE	28-11-2015	2
6	SKILL ACQUISITION	05-12-2015	2
7	BLOOD DONATION AT EMERGENCY CASES IN HOSPITALS		1
8	DONATED MEDICINES AT OLDAGE HOMES	02-01-2016	2
9	EDUCATION FEE DONATION	22-01-2016	2
10	TRAFFIC AWARENESS RALLY	16-02-2016	6
11	LEAP (LEADING ANDEVOURS FOR ACHIEVINGPROGRESS) YOUTH	24-02-2016 to 02-03-2016	2

	CONFERENCE, BITS PILANI		
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35. SWOC analysis of the department and Future plans

SRENGTHS:

- Well experienced , Qualified, Dedicated & Committed Faculty
- Good placement Record
- Consistencies in Higher pass percentage.

WEAKNESSES

- Students are from rural background, weak in communication skills
- Faculty Interaction With Outside World
- Less no.of Professors & Doctoral Degree holders

OPPURTUNITIES

- Job opportunities in Government & Private Sectors
- Projects And Grants From UGC, TEQIP Etc.

CHALLENGES

- Intense competition from other colleges and private universities.
- To Improve R&D Activities
- Faculty retention

Department of Computer Science & Engineering

1. Name of the Department : COMPUTER SCIENCE AND ENGINEERING
2. Year of Establishment : 2008

Program	Description
UG in... 2008	Started with... 60.....seats in 2008 Intake increased to... 120......in. 2010 . Intake increased again to... 180.....in. 2012
PG in... 2011	Started with 18 seats in 2011 with Computer Science and Engineering Specialization Intake increased to 36 in same discipline of PG in the year 2012.

3. Names of Programmes : B.Tech (Computer Science and Engineering)
M.Tech (Computer Science and Engineering)
4. Names of Inter disciplinary courses and the departments/units involved

SNO	COURSE NAME	DEPARTMENT
1	Digital Logic Design	ECE
2	Digital Logic Design LAB	ECE
3	Probability & Statistics	S&H
4	Intellectual Properties and Patent Rights-I	MBA
5	Intellectual Properties and Patent Rights-II	MBA
6	Managerial Science	MBA
7	Managerial Economics Financial Analysis	MBA
8	Micro Processors and Multi core systems	ECE
9	Electronic Devices and Circuits	ECE
10	Electronic Devices and Circuits Lab	ECE

5. Annual/semester/ : UG - Choice based credit system

PG – SEMESTER SYSTEM

6. Participation of the department in the courses offered by other departments:

SNO	COURSE NAME	DEPARTMENT
1	Computer Organization	EEE
2	Data Structures	ECE
3	OOPS through JAVA	EEE
4	Computer Graphics	MECH
5	C Programming	S&H
6	IT Workshop	S&H
7	IT LAB	MBA

7. Courses in collaboration with Other universities, industries, Foreign institutions: NIL

8. Details of courses/programmes Discontinued (if any) with reasons: NIL

9. Number of Teaching posts :

	Sanctioned	Filled
Professors	4	4
Associate Professors	2	2
Assistant Professors	32	32

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt /Ph.D)

S.No	Name of the Staff Member	Qualifications with Specialization if any	Designation	Total Teaching Experience in years	No.of Ph.D.Students Guided for The Last 4 years
1	R.RAMESH	M.TECH	Professor,HO D	14	NIL
2	DR. M SRINIVASA SESHA SAI	M.TECH.,Ph.D	Professor	18	NIL
3	Dr.G.Murali	M.TECH,Ph.D	Professor	15	8(in progress)
4	Dr.CHITTINENI ARUNA	M.TECH.,Ph.D	Professor	17	NIL
5	KOTHURI SRIRAMAN	M.TECH	Assoc. Prof	14	NIL
6	A.V. RAGHAVA RAO	M.TECH (PH.D)	Assoc. Prof.	11	NIL
7	V.PRASANNA Lakshmi	M.TECH	Asst. Prof.	4	NIL
8	M.Mallikarjuna Rao	M.TECH	Asst. Prof.	9	NIL
9	SHAIK SHAMMI MUNNISA	M.TECH	Asst. Prof.	2	NIL
10	M.Ramesh	M.TECH	Asst. Prof.	4	NIL
11	VNV Swathi	M.TECH	Asst.Prof.	2	NIL

Self Study Report

12	CH JHANSI RANI	M.TECH	Asst.Prof.	11	NIL
13	CH. JHANSI RANI	M.TECH	Asst.Prof.	4	NIL
14	AKULA SUNEETHA	M.TECH	Asst.Prof.	9	NIL
15	M. SURESH	M.TECH	Asst.Prof.	10	NIL
16	B ADI NARAYANA REDDY	M.TECH	Asst.Prof.	3	NIL
17	K. JHANSI RANI	M.TECH	Asst.Prof.	3	NIL
18	V.SasiKala	M.TECH	Asst.Prof.	1	NIL
19	VAJRALA VENKATA REDDY	M.TECH	Asst.Prof.	1	NIL
20	MADUPU RAM KUMAR	M.TECH	Asst.Prof.	6	NIL
21	KOMMINENI MADHURI	M.TECH	Asst.Prof.	5	NIL
22	BUTHUKURI BHAVANI	M.TECH (PH.D)	Asst.Prof.	9	NIL
23	C.N.S VINOTH KUMAR	M.E (Ph.D)	Asst.Prof.	4	NIL
24	GOPALUNI DILEEP KUMAR	M.TECH (Ph.D)	Asst.Prof.	5	NIL
25	K. UPENDRA	M.TECH	Asst.Prof.	1	NIL
26	VNV Srinivasa Rao	M.TECH	Asst.Prof.	1	NIL
27	MARAM SUBBA RAO	M.TECH	Asst.Prof.	3	NIL
28	CHIRUMAMILLA SUSMITHA	M.TECH	Asst.Prof.	1	NIL
29	Y.VASANTHI	M.TECH	Asst.Prof.	4	NIL
30	J SUDEEPTHI	M.TECH	Asst.Prof.	1	NIL
31	M.RatnaRaju	M.TECH	Asst.Prof.	2	NIL
32	U Indhu Sekhar	M.Tech	Asst.Prof	4	NIL
33	K.Jeevan Ratnakar	M.TECH	Asst.Prof.	4	NIL
34	G. ANUPAMA	M.TECH	Asst.Prof.	1	NIL
35	M.Phani Anusha	M.TECH	Asst.Prof.	1	NIL
36	T. T. Rajeswara Rao	M.TECH	Asst.Prof.	6	NIL
37	T. Rohini Kumar	M.TECH	Asst.Prof.	3	NIL
38	N. Smitha	M.TECH	Asst.Prof.	1	NIL

11. List of Senior Visiting Faculty : NIL

12. Percentage of lectures delivered and practical classes handled by temporary faculty: NIL

13. Student-Teacher Ratio (programme wise) : STR: 1: 14.4

14. Number of academic support staff (technical) and administrative staff sanctioned and filled

	Sanctioned	Filled
Technical staff	5	5
Administrative staff	1	1

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/PG: Ph.D-03 M.TECH -35

Enclosed in list specified above in 10

16. Number of faculty with ongoing (projects from a) National : NIL

b) International funding agencies and grants received : NIL

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received : NIL

18. Research Centre/facility recognized by the University: NIL

19. Publications:

a) Publication per Faculty : 2.72

A.Y 2016-17: 7

S.N O	AUTHOR'S NAME	TITLE OF THE RESEARCH ARTICLE	NAME OF JOURNAL/ CONFERENCE	VOL .NO	ISSUE NO	ISSN
1	Mr.A.V.Raghava Rao	Comparative Study Of Load Balancing Algorithms Of Cloud Data And Applying Data Analytics On Cloud	ICSTM	--	--	--
2	Mr.A.V.Raghava Rao	Secure AndReliable Data Storage And Retrieval In A Cloud	ICRECT	--	--	--
3	Mrs.Ch.Jhansi Rani, Mrs.Sk.Shammi Munnisa	A Survey On Web Authentication Methods For Web Applications	IJCSIT	7	4	ISSN:0 975- 9646
4	Mr.B.Adinarayana reddy	Transmission Based Privacy Preserving Authentication Protocol In Cloud Computing	IJESC	6	7	2250- 1371
5	Mrs.Y.Vasanthi, Mrs.K.Jhansi Rani	Applications Of Big Data On IOT	EIJ	-	-	ISSN:2 229- 712X
6	Mr.K. Uppendra	Transmission Based Privacy Preserving Authentication Protocol In Cloud Computing	IJESC	6	7	2250- 1371
7	Mr.V.N.V SRINIVASA RAO	Real Big Value Of Big Data Pharmaceutical And Life Sciences	NCRSEM- 2016	-	-	-

A.Y 2015-16 :39

S.NO	AUTHOR'S NAME	TITLE OF THE RESEARCH ARTICLE	NAME OF JOURNAL/CONFERENCE	VOL .NO	ISSUE NO	ISSN/
1	Prof.R.Ramesh	Efficient Range Queries Over Cloud Data Perturbation	IJATIR	7	15	ISSN 2348-2370
2	Prof.R.Ramesh	Predicate Encryption Procedure To Detect Illegal Distribution In HMS(Hospital Management System)	IJATIR	7	15	ISSN 2348-2370
3	Dr.M.S .S.Sai,T.Gopalakrishna	The Methodology To Underrate Routing Incursion In Informatics Networks	IJSEAAT	3	9	NA
4	Dr.M.S.S.Sai	False Positive Rule Processing For Test Packet Generation	IJIT	2	12	ISSN 2321-8665
5	Dr.M.S.S.Sai	Implementing Of Auditing Scheme For Enhancing Data Reliability In Cloud Computing	IJR	3	7	e- ISSN:234 8-6848,p- ISSN: 2348- 795X
6	Dr.M.S.S.Sai	Dynamic User Profile Construction Based On Query Grouping	IJIT	3	9	ISSN 2321-8665

7	Dr.Chittineni Aruna	Metamorphic Testing: A Simplified Solution To Test Non- Testable Programs And Relieves The Need Of Complex Test Oracles In Testing	IJACEN	-	-	ISSN:232 0-2106
8	Dr.Chittineni Aruna	Mtaf: A Testing Framework For Metamorphic Testing Automation	CSCEET	-	-	978- 1- 941968- 18-5
9	Dr.Chittineni Aruna	Experimental Evaluation And Result Discussions Of Metamorphic Testing Automation Framework With Novel Algorithms	IJCET	7	1	ISSN Print 0976- 6367 ISSN Online 0976-6375
10	Dr.Chittineni Aruna	Energy-Aware Trustable Hop Routing (ETMR) Protocol To Support High Amount Of Data Transfers In Adhoc Networks	JITMIS	71	1	ISSN Print: 0976 ISSN Online: 0976 – 6413
11	Dr.Chittineni Aruna	Successive Test Case Generation Algorithm For Metamorphic Testing To Generate Follow-Up Test Cases.	SEMCMJ	-	-	978-1- 941968- 18- 5
12	Dr.Chittineni Aruna	A Naïve Diamond Interpolation Algorithm For Transparent Evaluation Of Non- Testable Program Expressions In Metamorphic Testing	I IRET	-	-	-

13	Dr.Chittineni Aruna	Scalable And Flexible Big Data Analytic Framework (Sadaf) For Big Data Processing And Knowledge Extraction	ETBDA	-	-	-
14	Dr.Chittineni Aruna	Scalable And Accurate Missing Value Imputation With Least-Missing Column-Values-Impute-First And K- Clustering Strategies	SYMINTech	-	-	
15	Dr.Chittineni Aruna	Achieving Secrecy And Security In Cloud Storages Using Dynamic Access Policies	IJSETR	4	47	ISSN 2319-8885
16	Dr.Chittineni Aruna	Effective Brain Registration Through Multi Structure Large Deformation Diffeomorphic	IJESR	-	-	e- ISSN:227 7-2685,p- ISSN:232 0-9763
17	Dr.GMuraliGudipati,HariKishan Chapala	Implementation Of Network Monitoring System Using Instinctive Check Packet Generation.	IJR	2	-	-
18	Dr.G. Murali,RVK kumar	A Survey On The Present State-Of-The-Art Of Explosives, Detection Methods And Automatic Explosive Detection Using Wireless Sensor Network	IJAER	11	-	ISSN 0973-4562
19	Dr G.Murali,S Krishna Kishore	A Secured Dynamic Multi Cloud Data Approach To Avoid Redundancy	IJCMI	10	1	Issn: 0974-8652

20	Dr G Murali, Harish Babu K	Visual Datamining Of Biological Networks Temporal Modelling Of A Gene Network.	ICSTM	-	-	-
21	Mr.K.Sriraman	Cloud Bandwidth And Storage Cost Reduction With Optimized Caching	IJRST	1	2	p-ISSN: 2350- 4751,e- ISSN: 2350-4751
22	Mr.A.V.Raghava rao	Self Assured Data Aggregation To Permeate Attackers In Wireless Sensor Networks	IJSEAT	3	10	--
23	Mr.B.SasiKumar	Advanced HMAC Schemes For Hybrid Cloud Reduplication	IJSETR	4	12	ISSN:231 9-8885
24	Mr.B.SasiKumar	Improved Sensor Network Communication For Cluster Based Nodes	IJSETR	4	45	ISSN 2319-8885 Pages:977 6-9781
25	Mr.M.Suresh	Data Cleansing Using LCS Algorithm	IJARCSMS	4	2	ISSN:232 1-7782
26	Mr.M.Suresh	Q-Tree Based Solution To Handle Key Generation & Maintenance In A Disruption Tolerant Networks	IJSETR	4	42	ISSN:231 9-8885
27	Mr.M.Suresh	Security Issues In MANETS	IJARCSMS	4	2	ISSN: 2321-7782
28	Mr.M.Suresh	Protected And Trustworthy Protocols Propagation In Wireless Network	IJIT	4	2	ISSN: 2321-8665

29	Mr.G.Dileep Kumar, Mr.R.Praveen sam	Different Security Mechanisms In Two Factor Authentication For Collaboration Computing Environment	IJMAN	4	4	2231:6825
30	Mr.G.Dileep Kumar, Mr.R.Praveen sam	Algorithms Design And Analysis	IJR	1	1	--
31	Mr.C.N.S. Vinoth Kumar	Secured 3-Tier Architecture Wireless Sensor Networks Using Chaotic Neural Network	ICCII	-	-	-
32	Mr.C.N.S. Vinoth Kumar	Survey Report On Hop-Field Chaotic Neural Networks In Wireless Nodes	IJEAS	1	1	ISSN : 2455-6955
33	Mr.B.Adinarayan areddy	Black Gram Cultivation Using Iot	IJEAS	1	3	2455-6955
34	Mr.K.Uppendra	Black Gram Cultivation Using I	IJEAS	1	3	2455-6955
35	Mrs.G.Anupama	An Effective Maintenance Of Consistency In Cloud System	IJRRECS	3	9	2321-5461
36	Mrs.M.Phani Anusha	Tracking Of User Information In Cloud Environment	IJCSCMC	4	11	ISSN:232 0-088X
37	Mr.V.N.V.Srinivasa Rao	Efficient Keyword-Based Searching Strategies For Linked Databases	IJIRCCE	4	6	ISSN-2320-9801
38	Mr.V.N.V Srinivasa Rap	Efficient Keyword Based Searching Strategies For Linked Databases	NCETCS-2015	-	-	ISSN-2320-9798

39	Mrs.J.Sudeepthi	Survey On Sharing Of Single And Multiple Secrete Visual Crypto Graphic Scheme	NCETCS	-	-	-
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A.Y 2014-15:34

S.NO	AUTHOR'S NAME	TITLE OF THE RESEARCH ARTICLE	NAME OF JOURNAL/ CONFERENCE	VOLUME NO	ISSUE NO	ISSN/ ISBN NO
1	Dr.M.S.S.Sai	An Interactive Rule Based Approach To Generate Strength Assessment Report: Graduate Student Perspective	SPRINGER	2	-	DOI : 10.1007/978-3.319-03095-1_7
2	Dr.M.S.S.Sai	Privacy And Integrity Safe Guarding Mechanisms In Wans	IJACE	6	--	-
3	Dr.M.S.S.Sai	Cloud Information Accountability(Cia) Framework: To Keep Track The Actual Users In The Cloud	IJCSSEIT	7	-	-
4	Dr.M.S.S.Sai Mrs.U.Siva Kumari	An Efficient Key Exchange Authentication Using Browser Based Security	IJRTE	3	4	ISSN:2277-3878
5	Dr.M.S.S.Sai Ms.D.Gayathri	Acknowledgement Based Intrusion-Detection System For MANETS	IJSEAT	2	10	ISSN:2321-6905
6	Dr.Chittineni Aruna	A New View On Method Calls And Contracts To Facilitate Developers In Making Their Design Decisions,	ICSAT	-	-	-
7	Dr.Chittineni Aruna	Metamorphic Relations To Improve The Test Accuracy Of Multi Precision Arithmetic Software Applications	ICACCI	-	-	978-1-4799-3080-7/14/\$31.00 C 2014 IEEE 2244
8	Dr.Chittineni Aruna	Integration Of Dynamic Symbolic Execution With Metamorphic Relations To Solve Complex Path Constraints.	CSEIT	-	-	2251-2195, Doi: 10.5176/2251-2195_
9	Dr.Chittineni Aruna	Metamorphic Relations To Improve The Test Accuracy Of Multi Precision Arithmetic Software Applications	IEEE	-	-	978-1-4799-3080-
10	Dr.Chittineni Aruna , Mr.Kapa Sunil	Design And Accomplishment Of Agent Based Supply Chain Management	IJTASR	3	1	ISSN 2319-9245
11	Dr.Ch.Aruna Mr.R.Siva Ram Prasad	Metamorphic Testing: A Simplified Solution To Test Non-Testable Programs And Relieves The Need Of Complex Test Oracles Testing	IRAJRF	-	-	-

12	Dr.Ch.Aruna	Resource Grid Architecture For Multi Cloud Resource Management In Cloud Computing	ICT	337	-	ISBN No.978-3-319
13	Dr.Ch.Aruna, Mr.R.Sivaram Prasad	Adopting Metamorphic Relations To Verify Non-Testable Graph Theory Algorithms	IEEE	-	-	-
14	Dr.Ch.Aruna, Mrs.R.Sivaram Prasad	Testing Approach For Dynamic Web Applications Based On Automated Test Strategies	ICST	2	-	-
15	Mr.,D.JosephSreedharBabuand Dr.G.Murali	Permeate Undesirable Substances Through Flexible Rule-Based System	IJCST	5	3	-
16	Mr.BAnkamma Rao and Dr.G.Murali,	Semantic Keywords Extraction Mechanism In Mobile Agent For Cloud Computing In Internet Environment.	IJSETR	3	31	-
17	Dr.G. Murali	FLC For Efficient Network Jamming Management	IJSETR	3	18	-
18	Mr.K.Sri Raman	Temporal Pattern Mining In An Object Set Having Irregular Layered Structure By Using SASK Algorithm	IEEE	-	-	-
19	Mr.K.Sri Raman	Hull Detection From Handwritten Digit Image	Springer	-	-	-
20	Mr.K.Sri Raman	Virtual 3D Trail Mirror To Project The Image Reality	Springer	--	--	--
21	Mr.A.V.Raghava Rao	A Novel Approach Using RSA And DSA Algorithms For Providing Security To The Data In A Cloud	ERCICA	-	-	-
22	Mr.A.V.Raghava Rao	Automatic Image Dead And Distinction Enhancement Exploitation Gaussian Mixture Modeling	IJRCSE	4	6	ISSN-2321-5585
23	Mr.B.Sasikumar	Event Stream Of Obfuscation Through Multiple Correlation Steps	IJARI	7	2	ISSN-2319-9253
24	Mrs.SK.SHAMMI MUNNISA	”Secure Certainty For Quantities In Cloud”	IJRCSE	4	6	ISSN-2321-5585
25	Mrs.V.Chandrakala	Priority Based Resource Allocation Strategies In Cloud Computing	IJARAI	7	2	ISSN 2319 – 9253
26	Ms.Deepthi, Mrs.MNageswa	Reducing The Labeling Cost And The Computational Cost With	IJCSIE	5	1	-

	ra Rao	Ranking Adoption Svm(Ra-Svm) Algorithm				
27	Mr.Anil Babu, Dr.P.A. Abdul Saleem	Gaussian Mixture Model Application For Image Equalization And Contrast Enrichment	IJCE	6	1	-
28	Ms.U. Siva Naga Ms.Lakshmi, Mr.T.T. Rajeswara Rao	Improve Image Quality Using Dynamic Histogram And Information Hiding Technique	IJRCSE	4	6	ISSN 2321-5585
29	Mr.D Venkateswara Rao, Dr P.A. Abdul Saleem	Twitter Adoption And Analysis Of Online Social Networks	IJGIS	2	1	ISSN 2319-9245
30	Mr.D Ayyaswamy Mr.P. KiranKumar	Determining Analytical Structure For Performing Results Through Crowdsourcing	IJATIR	6	12	ISSN 2348-2370
31	Ms.Raziya Sultana Sharief, Dr. P.A Abdul Saleem	Reducing The Bottleneck Of Video Streaming In Mobile Social Network Using Eager Allocation Algorithm	IJSETR	3	23	ISSN 2319-8885
32	Ms.N Sravanthi, Mr. T.T, Rajeswara Rao	Expression And Face Recognition With The Use Of LDN Pattern	IJRCSE	4	6	ISSN 2321-5585
33	Dr.Ch Aruna	An Appraisal On The Architectures Of Data Security In Cloud Storage Infrastructure	IJCE	6	1	-
34	Dr.Chittineni Aruna	Detecting Phantom Communication Using Counting Attack	IJARCET	3	1	ISSN 2278-1323

A.Y 2013-14:15

S.no	AUTHOR'S NAME	TITLE OF THE RESEARCH ARTICLE	NAME OF THE JOURNAL/CONFERENCE	VOL .NO	ISS UE NO	ISSN/IS BN NO.
1	Dr.M.S.S.Sai	Context Aware Time Sensitive Queries	IJDCST	1	8	ISSN-2320-7884
2	Dr.M.S.S.Sa i , Mr.P.Ajith, Mrs.B Tejaswi	Evaluation Of Student Performance: An Outlier Detection Perspective	IJITEE	2	2	ISSN 2231-2307
3		Rule Mining Framework For	IJSCE	2	6	ISSN:22

	Dr.M.S.S.Sa i , Mr.P.Ajith, Mrs.B Tejaswi	Students Performance Evaluation				32-2307
4	Dr.Chittineni Aruna	A New Approach For An Integrated Tool Using Optimized Metamorphic Relations	IRF	-	-	ISBN: 978-93-84209-16-2.
5	Dr.Chittineni Aruna	A New View On Method Calls And Contracts To Facilitate Developers In Making Their Design Decisions,	ICSAT	-	-	-
6	Dr.Chittineni Aruna	Testing Approach For Dynamic Web Applications Based On Automated Test Strategies,	Springer	2 4 9	-	Doi:10.1007/978-3-319-03095-1_43
7	Dr.Chittineni Aruna	Development Of An Automated Framework To Resolve Software Testing Issues.	IJCSEI TR	4	2	(P): 2249-6831; ISSN(E): 2249-7943
8	Dr.Chittineni Aruna	A Survey On Energy Conservation In Wireless Sensor Network's	IJARCE T	2	10	ISSN 2278 – 1323
9	Dr.Chittineni Aruna	Gateway Relocation By Bandwidth Based Admission Control Scheme In WiMAX	IJARCC E	2	10	ISSN :2319-5940
10	Dr.Chittineni Aruna,Mr. R.Siva Rama Prasad	A New Approach For An Integrated Tool Using Optimized Metamorphic Relations	ICCSA TI	-	-	ISBN:978-93-84209-16-2
11	Mr.B. Ravi Kumar, Dr. G. Murali and Mr.B. Vijay Kumar	Scalable And Secure Third-party Auditing In Cloud Computing.	NCETI T	1	-	-
12	Mr.K.Sri Raman	Digit Recognition Using Free Man Chain Code	IJAIE M	2	8	ISSN:2319-4847
13	Mr.B.Sasikumar	An Efficient Scheme For Message Encryption Based On Public Key Crypto System				ISSN:0976-8491
14	Mr.C.N.S vinoth	3 Tier Layer Approach In Wireless Sensor Network With Secured K-Top Query	IJAIST	25	25	ISSN:2319-2682
15	Mrs.Y.Vasanthi	Penetration Built High Security	-	2	5	ISBN:13978-81-925385

b) Publication per Students(B.Tech/ M.Tech)

S.No.	Year	No.of Students Journals/Publications
1	2012-13	0 (0 papers)

2	2013-14	05(05 papers) + 05(02 Papers)
3	2014-15	22(23 Papers) + 01 (01 paper-B.Tech)
4	2015-16	06 (06 papers)
5	2016-17	NIL

List of research publications of students year-wise

A.Y.2013-2014

S.NO	Regd. No	Name Of The Students	Paper Title	Journal	Month
1	10JR1A05B8	Vatte Srinivas Areddy	Advanced Concept For Visually Impaired Persons	IJERT	MAR,2014
	10JR1A0586	Shaik Nafeesa Sulthana			
	10JR1A0564	Makineni Lavanya			
2	10JR1A0580	Putta Sobha Rani	An Efficient Method For Artificial Emotion Based On Neural Network	IJERT	MAR, 2014
	10JR1A0563	Magapati Sowjanya			

A.Y.2014-2015

S.NO	Regd. No	Name of the students	Paper title	Journal	Month
1	12JR1A05A4	Md.Allah baksh	A New Lithium Ion Battery	IRAJ	Apr-14

20. Areas of consultancy and Income generated: NIL

21. Faculty as members in

- a) National committees : NIL
- b) International Committees : NIL
- c) Editorial Boards : 03
- d) Professional Body Memberships: IAENG: 26 IRED: 01
 CSI: 12 IEEE: 02
 ISTE: 04 IACSIT: 02
 SPS: 01 IAPA: 01

22. Student projects

a) %of students who have done in-house projects including inter departmental:

UG-80%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories /Industry/ other agencies: UG- 1.66%; (2011-2015)

23. Awards/Recognitions received by faculty and students

STUDENT ACHIVEMENT ANNUAL REPORT FOR A.Y: 2015-16

S.NO	R.No	Name of the student	Participation/award/reward	Event	Participated in college	Date and Time
1	13JR1A0573	M.Vandana	First prize	PPT presentation	Malineni Lakshmaiah womens engg college	4-5 march,2016
	13JR1A0575	M.Meghana				
2	13JR1A0530	J.alekhya	Certification	Six Sigma Technologies	Christ university,bangalore	19-09-2015
	13JR1A0525	G.Priyanka				
3	13JR1A0525	G.Priyanka	First Prize	PPT presentation	LITAM	30-12-2015
4	14JR1A05B1	Sk. Mahammed Rafi	Second prize	Poster Presentation	GVR&S	24-25 Mar-16
5	13JR1A0535	A. Pavan Gopi	First Prize	Technical Quiz	NEC	7/9/2016
	13JR1A0543	Ch.Mahesh				
	13JR1A0545	D.Naveen kumar yadav				
6	13JR1A0535	A.Pavan Gopi	Third Prize	Technical Quiz	NRIIT	29-30,dec,2015
	13JR1A0543	Ch.Mahesh				
	13JR1A0545	D.Naveen kumar				
7	13JR1A0543	Ch.Mahesh	Second Prize	Poster Presentation	NRIIT	29-30 dec, 15
8	13JR1A0564	L.Dedivya	Second Prize	DANCE SOLO	MLWEC	4-5 march, 15

A.Y: 2014-15

S.No		Name	Event	College/Location
1	12JR1A0515	Davuluri Vimala	Ppt	Vvit,Guntur
2	12JR1A0529	Katta Sneha	Ppt	Vvit,Guntur
3	12JR1A0527	kanta vijaya prasanna	Conference	lit Kharagpur
4	12JR1A0525	Janaswami V Saipadma	Conference	lit Kharagpur
5	12JR1A0525	Janaswami V Saipadma	Ppt	Vvit,Vignan
6	12JR1A0537	Bellamkonda Sai Venkatesh	Conference	lit,Kharagpur.
7	12JR1A0537	Bellamkonda Sai Venkatesh	Workshop	lit,Kharagpur.
8	12JR1A0539	Challa Gowtham Reddy	Ppt	Nit,Warangal

Self Study Report

9	12JR1A0580	Palepu Sai Lakshmi	Workshop	Klu,V.R.Siddhardha
10	12JR1A0581	Pamidi Vandana	Workshop	Klu,V.R.Siddhardha
11	12JR1A0570	Makineni Swathi Priya	Workshop	Klu,V.R.Siddhardha
12	12JR1A0584	Peddi Lalitha	Technical Quiz	R.V.R & Jc
13	12JR1A0584	Peddi Lalitha	Programming	R.V.R & Jc
14	12JR1A0569	Maddukuri Vani	Ppt,Workshop	Klu,Vvit
15	12JR1A0567	Macharla Bhargavi	Workshop	Klu
16	12JR1A0592	Kongara Sai Madhav	Workshop	lit,Kharagpur,lit-Hyderabad.
17	12JR1A0588	Kanamarlapudi Venkatesh	Workshop	lit,Kharagpur.
18	12JR1A0588	Kanamarlapudi Venkatesh	General Quiz	Vvit,Guntur
19	12JR1A05A2	Mannem Anil Kumar	Workshop	lit,Kharagpur,lit-Hyderabad.
20	12JR1A05A4	Mohammed Allah Baksh	Ppt	Khit,Guntur
21	12JR1A0591	Konakanchi Mahesh	Technical Quiz	Vvit,Guntur
22	12JR1A05A6	Nalam Sai Dwijesh	Workshop	lit,Kharagpur,lit-Hyderabad.
23	12JR1A05A6	Nalam Sai Dwijesh	Technical Quiz	Vvit,Guntur
24	12JR1A05A9	Nerella Aditya	Workshop	lit-Hyderabad
25	12JR1A05B0	Oruganti V S Kowndinya Kumar	Workshop	lit-Kharagpur
26	12JR1A05A3	Midatha Sujith Kumar	Workshop	Klu,lit-Kharagpur
27	12JR1A05F3	Shaik Nayeem	Technical Quiz	Vvit,R.V.R & Jc
28	12JR1A05F3	Shaik Nayeem	Ppt	Vvit,R.V.R & Jc
29	12JR1A05F6	Uppalapati Naveen Kumar	Programming	R.V.R & Jc,Vignan.
30	12JR1A05F6	Uppalapati Naveen Kumar	Technical Quiz	R.V.R & Jc,Vignan.
31	12JR1A05E4	Pulleti Bhargav	Programming	R.V.R & Jc,Vignan.
32	12JR1A05E4	Pulleti Bhargav	Ppt	Vvit,Guntur
33	12JR1A05E7	Sanga Srinivasa Rao	Programming	R.V.R & Jc
34	12JR1A05E9	Schulz Veena Reddy	Programming	R.V.R & Jc

A.Y: 2013-14

S.NO		Name Of The Student	Prize	Event/Title	Place
1	11JR1A0549	A.Goutham Sai	Certificate	Cloud Computing (WorkShop)	Nit,Warangal
	11JR1A0559	K.Manikata Swamy			
	11JR1A0560	K.Srikanth Reddy			
2	11JR1A0580	P.Mounika	Certificate	Mobile Making	Klu,Work Shop
	11JR1A0585	S.Rubiya Praveen			
	11JR1A0589	V.Praveena			
	11JR1A0572	N.Sireesha			
	11JR1A0587	T.Ramya			
	11JR1A0591	V.Hanumapriya			
	11JR1A05B0	B.Trijan Kumar			
11JR1A0546	S.Devi VaraPrasad				

Self Study Report

	11JR1A05B3	S.Afroz			
13	11JR1A0517	G.Anusha	Certificate		Anu(Work Shop)
	11JR1A0509	D.Lalitha Devi			
	11JR1A0510	D.Pravalika			
	11JR1A0502	B.Karunya			
	11JR1A0512	D.Hemalatha			
	11JR1A0501	A.Radhika			
	11JR1A0511	D P V L Priyanka			
	11JR1A05B3	S.Afroz			
3	12JR1A05F3	Sk.Nayeem	Certificate	Cloud Computing (Work Shop)	lit Kharaghpur
	12JR1A05E4	P.Bhargav			
	12JR1A05F2	Sk Liyakhatt			
	12JR1A05F8	V Sai Satish			
	12JR1A05E9	S Veena Reddy			
4	10JR1A05B8	Vatte Srinivasa reddy	Certificate	Advanced Concept ForVisually Impaired Persons	Paper Publication(Ijert)
	10JR1A0586	Shaik Nafeesa Sulthana			
	10JR1A0564	Makineni Lavanya			
5	10JR1A0580	Putta Sobha Rani	Certificate	An Efficient Method For Artificial Emotion Based On Neural Network	Publication(Ijert)
	10JR1A0563	MagapatiSowjanya			
6	10JR1A0516	D.Nynnesha	2nd	Short Film	Vignan's Eng Col
7	10JR1A0520	G.Jyothi	1st	Short Film	Vvit
8	10JR1A0525	K.Rajitha	2nd	Short Put	Vvit
9	10JR1A0516	D.Nynnesha	2nd	Throw Ball	
	10JR1A0512	Ch.Poojitha			
	10JR1A0525	K.Rajitha			
	10JR1A0562	M.Shiny			
	10JR1A0567	M.Tejaswi			
10	11JR1A0502	B.Karunya	participation	Lead India Best Speaker	Lead India 2020 Work

Awards Received by Faculty : 02

- Mrs. Chittineni Aruna from CSE Department has received Best Paper Award for —Scalable and Flexible Big Data Analytics Framework (SFBAF) for Big Data Processing and Knowledge Extraction, presented in **ETBDA 2016** organized by **International Institute Of Engineers**

(IIE) in association with International Association of Engineering & Technology Researchers held at **Bangkok(Thailand) on 21-22 Jan,2016.**

2. Mr. A.Veera Raghava Rao Atukuri from CSE Department has received Best Presenter Award for –“A Comparative study of Load Balancing Algorithms of cloud data and applying data analytics on cloud: A Paradigm shift” presented in ICSTM-2016 at Kulalumpur, Malaysia on Aug 29th and 30th 2016.

24. List of Eminent Academicians and Scientists/Visitors to the Department

S.No	Date	Name Of Guest(Or)Trainer With Designation
1	22/09/2013	Prof. Viswanatham, Dean Osmania University Lead India National Club
2	22/09/2013 TO 23/09/2013	Mr. PV Krishna Kanth, Software Quality Analyst, S&P Capital Iq,Hyderabad
3	22/09/2014 TO 23/09/2014	Mr.P.Prabhakar, Sr.Director Of Business Intelligence Governance & Profiles At S&P Capital Iq, Hyderabad
4	22/09/2013 TO 23/09/2013	Mr.Shasikanth, Lead India Master Trainer And Motivator
5	23/09/2013	Mr.Yatendra, Senior Research Analyst, S&P Capital Iq, Hyderabad
6	4/7/2014 TO 5/7/2014	Dr. K.R.S Sambasiva Rao,Dr. Alok Srivastav,Dr. M.Suresh,Dr. M.R. Narasinga Rao,Dr. K.Kartheeka Pavani,Dr. S.Vidhyadara
7	22/09/2015 TO 23/09/2015	Mr.J.Naresh, Pstychologist, Lead India Master Trainer
8	12/12/2015 TO 18/12/2015	Mr.Raja Sekhar And Team, campusify
9	5/3/2016	Mr.N.Suresh,Project Manager, infoses
10	22/09/2016 TO 23/09/2016	Mr.J.Humla, Lead India Master Trainer & Motivator
11	11th July, 2016	Dr. S Ramanarayana Reddy, HOD of Dept. of CSE, Indira Gandhi Delhi Tech. University for Women.
12	20th July 2016	Dr. S. Jyothi, HOD of Computer Science, Sri Padmavathi Mahila Viswa Vidyalayam.
13	30th July 2016 TO 31st July 2016	Mr. K. Prabhakar, Associate Vice President –Data & Analytics, Mr.Sudhakar, Lead India Team Leader
		Mr.yatendra, Senior Reasearch Analyst, Mr. Krishna Kanth Software Quality Analyst, Mr. Omaji,
		Mr. Syed rafi, Sales Trainer & Motivational Speaker.
14	5th Aug 2016	Dr. R. B V Subramanyam, NIT Warangal
15	13th July 2016	Mr. Kalyan, Working in Microsoft Cloud Computing SOS
16	9th Sep 2016 to 11th Sep 2016	Mr. G.Srikanth
17	28th Sep 2016	Dr. P.Trimurthy, Professor, former president, CSI
		Mr. Kanchibhotla Raju, Vice President ,CSI
		Mr. P.Krishna Prasad, Student coordinator, CSI

Self Study Report

18	3rd Oct 2016 to 20th Oct 2016	Team from Next Gen Corporation Mr. Subhash (Software engineer, Tech Lead), Mr. Rishi RatanTeja, Software Engineer, Mr. N. Swaroop, Bussiness Analyst, Ms. V. Mounica, Software Engineer, Ms. K. Gayatri, Software Engineer, Ms. M.Suneetha, Software Engineer.
19	15th , 16th and 20th Oct 2016	Dr.Rashmi Ranjan Rout, Assistant professor,Dept. of CSE, NIT Warangal
20	17th Oct 2016	Mr. I.N.Murty, CEO of Leva Solutions, Bangalore
21	17th Oct 2016	Dr. T. Ramakrishnudu, Assistant Professor ,NIT Warangal
22	18th and 19th Oct 2016	Dr. S. Ravichandra, Assoc. Professor, NIT Warangal

25. Seminars/Conferences/Workshops organized & the source of funding

S.N O	Date	Name Of Guest(Or) Trainer With Designation	Topic	Duration	Participants	Funding Agency, with amount
1	22-23 September,2013	Lead India National Club	Life Skills And Leadership Workshop	2 Days	All 3rd Year Students	
2	4-5 july 2014	Sambasiva Rao,Dr. Alok,Srivastav,Dr. M.Suresh,Dr.M.R Narasinga Rao,Dr.K.kartheeka pavani,Dr.S.Vidhyadara	Conference :Computational Biology	2 Days	All Faculty Of Cse	DST
3	12-18,Dec-2015	Mr.Raja Sekhar And Team	Nodejs Mongoddb	1 week	All Dept. Faculty And 90 CSE students	
4	5/3/2016	Mr.Suresh	FDP	1 Day	All Faculty	

Self Study Report

5	11th Jul, 2016 to 12th Jul 2016	Dr. Ramanarayana reddy,HOD, Dept of CSE,Indira Gandhi Delhi Technological University for Women	A Two Day Workshop on Internet of Things and its smart devices using Raspberry Pi	2 Days	CSE Department,	
6	20th Jul 2016	Dr.S.Jyothi, HOD, Dept of CSE,Sri Padmavathi Mahila Viswavidyalam ,	One day workshop on Bigdata Analytics	1 Day	CSE	
7	30th Jul 2016 to 31st Jul 2016	Mr.K.Prabhakar, Associate Vice President –Data & Analytics.	A two day workshop on Life Skills and Leadership	2 Day	CSE Department	
8	5th Aug 2016	Dr.R.B.V.Subramanyam,NI T Warangal	A One Day workshop on Bigdata Analytics	1 Day	CSE Department	
9	9th Sep 2016 to 11th Sep 2016	Mr. G.Sikanth,TCS	Three Days workshop on Bigdata Analytics and its applications using Hadoop Platform	3 Days	CSE Department	
10	28th Sep 2016	Dr. P.Trimurthy,professor, former president, CSI ,Mr. Kanchibhotla Raju, Vice President ,CSI	CSI Student Chapter Inauguration	1 Day	CSE Department	
11	3rd week of sepetember	APSSDC	Training program on Android	1 Day	CSE Department	

Self Study Report

12	3rd Oct 2016 to 20th Oct 2016	Team from Next Gen Corporation, Mr. Subhash (Software engineer, Tech Lead), Mr. Rishi Ratan Teja, Software Engineer, Mr. N. Swaroop, Business Analyst, Ms. V. Mounica, Software Engineer	Real Time Project	3 Weeks	CSE Department	
13	15th Oct 2016 to 20th Oct 2016	Dr. Rashmi Ranjan Rout	Faculty Development program on Security and Privacy	6 Days	CSE Department in association with NIT Warangal	
14	21st Oct 2016 to 22nd Oct 2016	Miracle S/W Systems	A Two day Workshop on AP Cloud MEAN Stack and Cloud Developer	2 Days	CSE Department	
15	11th & 12th November, 2016	KITS In association with IRAJ	International Conference on "Knowledge Information Technology and Sciences (ICKITS - 2016)"	2 Days	KITS, Guntur	

26. Student profile programme/course wise:

2014-2018

Name Of The Course/Programme (Refer Question No. 4)	Applications		Enrolled		
	Received	Selected	*M	*F	Pass Percentage
Digital Logic Design	176	176	74	102	96.02%
Digital Logic Design LAB	176	176	74	102	98.29%
Managerial Economics Financial Analysis	176	176	74	102	98.29%

2013-2017

Name Of The Course/Programme (Refer Question No. 4)	Applications		Enrolled		
	Received	Selected	*M	*F	Pass Percentage
Digital Logic Design	143	143	42	101	93.01
Digital Logic Design Lab	143	143	42	101	100
MANAGERIALECONOMICS & FINANCIAL	143	143	42	101	98.6

Self Study Report

ANALYSIS					
PROBABILITY AND STATISTICS	145	143	42	101	95.1
IPR –I	145	145	43	102	100
IPR –II	148	148	45	103	100

2012-2016

Name Of The Course/Programme (Refer Question No. 4)	Applications		Enrolled		
	Received	Selected	*M	*F	Pass Percentage
Digital Logic Design	156	156	66	90	91.03
Electronic Devices And Circuits	156	156	66	90	85.9
Electronic Devices And Circuits Lab	156	156	66	90	100
Probability And Statistics	156	156	66	90	91.03
Managerial Economics & Financial Analysis	156	156	66	90	92.31
Micro Processors And Multicore Systems	156	156	66	90	98.08
Management Science	155	155	66	90	98.72

2011-2015

Name Of The Course/Programme (Refer Question No. 4)	Applications		Enrolled		
	Received	Selected	*M	*F	Pass Percentage
Digital Logic Design	107	107	43	64	91.59
Electronic Devices And Circuits	107	107	43	64	86.92
Electronic Devices And Circuits Lab	107	107	43	64	100
Probability And Statistics	107	107	43	64	89.72
Managerial Economics & Financial Analysis	107	107	43	64	99.07
Micro Processors And Multicore Systems	107	107	43	64	95.33
Management Science	107	107	43	64	90.65

*M=Male *F=Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG	100%	0%	0%
PG	100%	0%	0%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

S.No	Batch	Total Students who sought PG degree through GATE/GRE/TOEFL/PGCET/MAT
1	2008-2012	3
2	2009-2013	4
3	2010-2014	9
4	2011-2015	11
5	2012-2016	6

29. Student Progression

Student Progression	Against% enrolled 2008-2012	Against% enrolled 2009-2013	Against% enrolled 2010-2014	Against% enrolled 2012-2016	Against% enrolled 2008-2012
UG to PG	5%	4%	8.57%	10.28%	4%
Employed					
Campus selection		29.16%	35.23%	42.99%	47.09%
Other than campus	12%	20.80%	7.62%		
Entrepreneur ship/Self-employment	0%	0%	0%	0%	0%

30. Details of Infrastructural facilities

a) Library : YES

Library Details:

- a. Type of library : **General –Department**
- b. Name of the Faculty : Ms. Y.Vasanthi.
- c. Qualifications of the Librarian(s) : M.Tech.,
- d. Total Number of Titles of Books :828
- e. Total Number of Volumes of Books :4387
- f. No. of Titles of Technical / Professional Journals: 32
- g. e-journal subscription details if any : NIL
DELNET , MemberShipNo: IM- 3401

c) Class rooms with ICT facility : SEMINAR HALL
: 1 EClass rooms

d) Laboratories : 4

Details of Laboratories (with No. of Experiments and floor area in sq.m)

S.NO	Name of the Laboratory	Floor area (sq.m)	No. of working Computers with	Courses for which the lab is to be used and No. of students working/per week
1	Computer labs	608.22	267	ALL & 14 *60=840

Name of the Department: CSE

S.NO	Name of the Laboratory	Floor area(sq.m)	Experiments			Courses for which the lab. Is to be used and No. of students working/per week
			Total No.	No. per cycle-	session	
1	C LAB	202.74	12	6	6	B.Tech – All Branches
2	IT WORKSHOP	202.74	12	6	6	B.Tech – All Branches
3	DS LAB	135.16	12	6	6	B.Tech – CSE 180
4	OOPS LAB	135.16	12	6	6	B.Tech – CSE 180
5	DBMS LAB	135.16	12	6	6	B.Tech – CSE 180
6	UNIX	202.74	12	6	6	B.Tech – CSE 180
7	CN / OOAD	202.74	12	6	6	B.Tech – CSE 180
8	OS / CD LAB	135.16	12	6	6	B.Tech – CSE 180
9	NP LAB	202.74	12	6	6	B.Tech – CSE 180
10	MC LAB	135.16	12	6	6	B.Tech – CSE 180
11	AJWT LAB	135.16	12	6	6	B.Tech – CSE 180
12	OSS LAB	135.16	12	6	6	B.Tech – CSE 180
13	ADS LAB	135.16	12	6	6	B.Tech – CSE 180
14	UML & DP LAB	135.16	12	6	6	B.Tech – CSE 180
15	CSE LAB-1	67.58	12	6	6	M.Tech – CSE 36
16	Research LAB-2	67.58	12	6	6	M.Tech – CSE 36
17	Engg. Physics Lab	101.37	12	6	6	ALL

Central Computer centre(s):

S.NO	Hardware specifications	No. of Computers	No. of Computer Terminals	No. of Standalone Computers on LAN/WAN	No. of Computer terminals on LAN/WAN
1	Dual core Processor, 4 GB RAM, 500GB HDD, 18.5 LED Monitor, USB KEYBOARD & OPTICAL MOUSE	267	267	267	267

Self Study Report

Details of software procured and installed : C++, Unix,Java, Pspice Multi Sim XP, Visual studio Borland C, Anti virus (Symantec), windows 7.0, Totally

No. of Peripherals / Printers : 28

31. Number of students receiving Financial Assistance from college, university : Government or other agencies

For different fee reimbursement scheme specified by Government of Andhra Pradesh, the following are the numbers of students availed those and year of study- wise across category-wise.

Financial Assistance from	Year-wise							
	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
	B.Tech							
Government	14	70	144	207	281	355	381	From office in april,16
Management	NIL	NIL	2	11	8	2	10	5
	M.Tech							
Government	-	-	-	7	16	21	17	From office in april,16
Management	-	-	-	NIL	NIL	NIL	NIL	NIL

32. Details on student enrichment programmes (Special lectures/workshops/ Seminar) with external experts:

S.N O	Date	Name Of Guest(Or) Trainer With Designation	Topic	Duration	Participants
1	22-23 September,2013	Lead India National Club	Life Skills And Leadership Workshop	2 Days	All 3rd Year Students
2	12-18,Dec-2015	Mr.Raja Sekhar And Team	Nodejs MongoDB	1 week	90 CSE students
3	11th Jul, 2016 to 12th Jul 2016	Dr. Ramanarayana reddy, HOD, Dept of CSE, Indira Gandhi Delhi Technological University for Women	A Two Day Workshop on Internet of Things and its smart devices using Raspberry Pi	2 Days	CSE Department

Self Study Report

4	20th Jul 2016	Dr.S.Jyothi, HOD, Dept of CSE,Sri Padmavathi Mahila Viswavidyalam	One day workshop on Bigdata Analytics	1 Day	CSE
5	30th Jul 2016 to 31st Jul 2016	Mr.K.Prabhakar, Associate Vice President –Data & Analytics.	A two day workshop on Life Skills and Leadership	2 Day	CSE Department
6	5th Aug 2016	Dr.R.B.V.Subrama nyam,NIT Warangal	A One Day workshop on Bigdata Analytics	1 Day	CSE Department
7	9th Sep 2016 to 11th Sep 2016	Mr. G.Sikanth,TCS	Three Days workshop on Bigdata Analytics and its applications using Hadoop Platform	3 Days	CSE Department
8	28th Sep 2016	Dr. P.Trimurthy, profes sor, former president, CSI ,Mr. Kanchibhotla Raju,Vice President ,CSI	CSI Student Chapter Inauguration	1 Day	CSE Department
9	3rd week of sepetember	APSSDC	Training program on Android	1 Day	CSE Department
10	3rd Oct 2016 to 20th Oct 2016	Team from Next Gen Corporation,Mr. Subhash (Software engineer, Tech Lead),Mr. Rishi RatanTeja, Software Enginner, Mr. N. Swaroop, Bussiness Analyst, Ms. V. Mounica, Software Engineer	Real Time Project	3 Weeks	CSE Department
11	21st Oct 2016 to 22nd Oct 2016	Miracle S/W Systems	A Two day Workshop on AP Cloud MEAN Stack and Cloud Developer	2 Days	CSE Departmen t

33. Teaching methods adopted to improve Student learning:

1. LCD Projector
2. Chalk & Talk
3. Student Seminars
4. Assignments,
5. Handouts

6. Experiential learning through LEAD, WE, T-CELL programmes at departmental level

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :

LIST OF NSS ACTIVITES 2010-2016

S.No	Name Of The Activity	Date Of Activity	No Of Cse Students Participate	Budget ForActivity
1	Blood Donation Camp	10-10-2010 & 5/4/2012	20 & 30	20,000/-
2	Tree Plantation	24-09-2015	15	5,000/-
3	Donation For Heart Plantation Patient	9/10/2015	04 (EachContributin 2500)	50,341/-
4	Swachh Kits Old Age Home —Mother Terasa	7/11/2015	30	2,000/-
5	Samkshema Seva Sangam||Service At Borra Vari Palem	28-11-2015	10	4,000/-
6	Skill Acquisition At Nirmal Hruday, Phirangipuram	5/12/2015	10	3,000/-
7	Blood Donation At Emergency Cases Hospitals		2	
8	Donated Medicines At Oldage Homes	2/1/2016	5	5,000/-
9	Education Fee Donation	22-01-2016	4	2,000/-
10	Traffic Awareness Rally	16-02-2016	120	5000/-
11	Leap (Leading Andevours For Achieving Progress) Youth Conference, Bits Pilani	24-02-2016 To 2/3/2016	2	5,000/-
	Total Amount			1,01,341/-

PROPOSED LIST OF NSS ACTIVITIES from 22-04-2016

S.No	Name Of The Activity	Date Of Activity	No Of Cse Students Participate	Budget ForActivity
1	Health Camp	22-04-2016	100	20,000/-
2	Mother's Day Celebrations	10/5/2016	50	5,000/-
3	No Smoking (Tobbaco) Awareness Rally	31-05-2016	600	2,000/-
4	Environmental Camp (Tree Plantatio	5/6/2016	50	10,000/-
5	Blood Camp & Awareness Seminar	14-06-2016	500	10,000/-
6	Literacy Awareness Camp At Villag	8/9/2016	50	5,000/-
7	Nss Foundation Celebrations	24-09-2016	150	7,000/-
8	Swachh Bharath	2/10/2016	200	5,000/-
9	Eye Check Up Camp	12/10/2016	500	10,000/-

10	Aids Awareness Rally	1/12/2016	600	5,000/-
Total Amount				79000/-

35. SWOC analysis of the department and Future plans

STRENGTHS:

1	Eminent SFF Computer Laboratories with internet facility
2	More than 50% from eligible candidature in placements
3	Well, dedicated, committed Faculty
4	Promotion of Open Software Usage
5	Attaining Minimum of 80% pass percentage every semester and minimum of 90 % in final year batch pass percentage

WEAKNESSES

1	Development Of Entrepreneurship Cell with Incubation
2	Industrial / research/ Ph.D completed experience faculty for guiding of various research and collaborative activities
3	Industry-Institution interaction is less
4	Student Communication skills are very weak as most of them from rural background

OPPORTUNITIES

1	QIP
2	Research Consortium among Faculty
3	Consultancy works
4	Utilization Of R&D Labs, NITTR programs

CHALLENGES

1	Government Policies of inviting Foreign Universities
2	Meeting The Current Technologies Which Keep Changing Everyday
3	To regret Faculty Retention rate
4	Compatible Collaborations with foreign universities

FUTURE PLANS

1. To evolve Research Consortium among CSE Faculty and associated interdisciplinary faculties of this college
2. To do more projects involving interdisciplinary real-time issues
3. To encourage Consultancy works from outside institution with public.
4. To Organize Student level science congress in Computer science field
5. To conduct more Guest lectures by inviting experts from industry

Department of Mechanical Engineering

1. Name of the department : Mechanical Engineering
2. Year of Establishment : 2011
3. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Program	Description
Under Graduate :B.Tech in Mechanical Engineering	Started with 60 seats in 2011 Intake increased to 120 .in. 2013 .

4. Names of Interdisciplinary courses and the departments/units involved

Sl.No	Subject title	Year/ Sem	Faculty involved
1	Basic Electrical & Electronics Engineering	II	EEE
2	Managerial Economics & Financial Analysis	II	MBA
3	IPR & Patents	III	MBA
4.	Basic Electrical & Electronics Engg. Lab	II	EEE
5	Interactive computer graphics	III	CSE
6	MEMS	IV	ECE

5 Annual/ semester/choice based credit system (programmers wise)

B. Tech (Mechanical Engineering) – Choice based Credit system

6 Participation of the department in the courses offered by other departments

Course	year	Subject	Department
B.Tech	I	Engineering Mechanics	Science and Humanities
		Engineering Drawing	Science and Humanities
	II	Hydraulic Machines	CIVIL
		Fluid Mechanics	CIVIL
	II	Thermal & Hydro Prime Movers	EEE

7. Courses in collaboration with other universities, industries, foreign Institutions etc.

NIL

8. Details of courses/programmers' discontinued (if any) with reasons

NIL

9. Number of teaching posts

Self Study Report

Designation	Sanctioned	Filled
Professors	3	3
Associate Professors	3	3
Asst. Professors	10	10

10. Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D. / M. Phil. etc.)

Sl.No	NAME	Qualification	Designation	Specialization	Experienc in years
1	Dr. K Rama Kotaiah	PhD	Professor	Manufacturing Engineering	17
2	Dr.T Srinivasa Rao	PhD	Professor	Industrial Engineering	11
3	M.Basaveswara Rao	M.Tech	Professor	Energy Systems	20
4	B.Kiran Kumar	M.Tech	Asst. Prof	Thermal Engineering	9
5	V.Sri Kumar	M.Tech	Assoc. Prof	Marine Engineering	9
6	J.Soujanya	M.Tech	Assoc.Prof	Machine Design	8
7	S. Raju	M.Tech	Assoc. Prof	CAD/CAM	8
8	J.Koteswara Rao	M.Tech	Asst. Prof	CAD/CAM	5
9	K.Gopi Krishna	M.Tech	Asst. Prof	Thermal Engineering	1
10	N.V Sai Ram	M.Tech	Asst. Prof	CAD/CAM	7
11	Md.Mansoor Ahamad	M.Tech	Asst. Prof	R & AC	8
12	K Giri Babu	M.Tech	Asst. Prof	AMS	5
13	M Sai Chandra Sekhar	M.Tech	Asst. Prof	Machine Design	3
14	B Nagendra Babu	M.Tech	Asst. Prof	Machine Design	4
15	M Swetha	M.Tech	Asst. Prof	Machine Design	1
16	T.Ashok	M.Tech	Asst. Prof	Machine Design	5

11. List of senior visiting faculty : NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty NIL

13. Student -Teacher Ratio (programme wise) 1:22

B.Tech:

Course: B.Tech	Year	No Of Students Admitted	No Of Students Sanctioned
UG	2013-17	110	120
UG	2014-18	124	120
UG	2015-19	115	120

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post	Sanctioned	Filled
Administrative Staff	1	1
Academic Support Staff (Technical)	8	8

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

S.NO	Qualification	Number of Faculty
1	Ph.D.,	2
2	M.Tech / M.E.	14

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received NIL

18. Research Centre /facility recognized by the University NO

19. Publications:

Name(s) of the Author	Title of Paper	Name of the Journal	International/ National Conference
Dr. K Rama Kotaiah	study of bifurcation behavior in oblique turning operation	ISSN: 0890-6955	-----
Dr. K Rama Kotaiah	Prediction of optimal stability states in inward-turning operation using neuro genetic algorithms	ISSN: 0268-3768	-----
Dr. K Rama Kotaiah	Dynamic analysis of a turning tool with a discrete model of the work piece,	ISSN: 0954-4054	-----
Dr. K Rama Kotaiah	Stability analysis of turning process with tailstock-supported work piece,	ISSN: 0268-3768	-----
Dr. K Rama Kotaiah	Force-feed effects on stability in turning.	ISSN: 0039-2472	-----

Dr. K Rama Kotaiah	The Impact of cutting conditions on cutting forces and vibrations for EN8 and EN24 steels,	ISSN: 0814-6432	-----
Dr. K Rama Kotaiah	A case based computer aided process planning system for machining prismatic components,	ISSN: 0268-3768	-----
Dr. K Rama Kotaiah	Prediction of optimal cutting states during inward turning–An experimental approach,	ISSN: 1042-6914	-----
Dr. K Rama Kotaiah	Stability analysis of turning the continuous work-piece model.	ISSN-0039-2480	-----
Dr. K Rama Kotaiah	Prediction of optimal stability states in inward-turning operation using genetic algorithms,	ISSN: 1748-5711	-----
Dr. K Rama Kotaiah	The impact of Cutting Conditions on Cutting forces and Chatter length for Steels and Aluminum,	ISSN: 0020-3408	-----
Dr. K Rama Kotaiah	Tool wear Monitoring with indirect methods,.	ISSN: 0972-7396	-----
Dr. K Rama Kotaiah	Analysis of regenerative chatter in turning,	ISSN: 0972-7396	-----
Dr. K Rama Kotaiah	Tool wear Monitoring and control.	ISSN: 0972-7396	-----
Dr. K Rama Kotaiah	Study of tool dynamics with a discrete model of work piece in orthogonal turning,	ISSN: 1748-5711	-----
Dr. K Rama Kotaiah	Journal of Machining and forming Technologies, Feed Effects on Process Stability in Turning.	ISSN: 1947-4369	-----

Dr. K Rama Kotaiah	Force Feed Effects on Process Stability in Turning,	ISSN: 0304-9808	-----
Dr. K Rama Kotaiah	Force-Feed effects on process stability in turning, K.Rama Kotaiah and J.Srinivas, VETOMAC-5 Wuhan, China, 2009.	-----	International
Dr. K Rama Kotaiah	Recent advances in Experimental Fluid Mechanics (RAEFM), 3-6 th March, 2008.	-----	International
Dr. K Rama Kotaiah	Solving the Problems of operations sequencing: A Simulated annealing approach, K.Rama Kotaiah and M.K.Tiwari, AMSISM,BITS ,Mesra, 1999	-----	National
Dr. K Rama Kotaiah	On the determination of environmental impact on machining process: an AHP based approach, K.Rama Kotaiah and M.K.Tiwari,AMSISM, BITS , Mesra, 1999	-----	National
Dr.T Srnivasa Rao	“Microstructure and mechanical properties of friction stir welded AA7075-T651 aluminum alloy thick plates”	-----	-----
Dr.T Srnivasa Rao	Mechanical properties of AA7075-T6 friction stir welds	-----	-----
Dr.T Srnivasa Rao	Corrosion behavior of AFNOR 7020-T6 aluminum alloy friction stir welds under salt fog environment”,	-----	-----
Dr.T Srnivasa Rao	“Studies on salt fog corrosion behavior of friction stir welded AA7075-T651 aluminum alloy”,	-----	-----
Dr.T Srnivasa Rao	Assessment of quality of human resource with emotional intelligence quotient”	-----	National Conference on Challenges in Achieving Global Quality,
Dr.T Srnivasa Rao	“Investigating corrosion behavior of friction stir welded AA 7075-T651 aluminum alloy under salt fog environment”,	-----	Proceedings of International Conference on Engineering Materials and

			Processes, ICEMAP 2013
Dr.T Srnivasa Rao	“Effect of pH on corrosion behavior of AFNOR 7020-T6 aluminum alloy friction stir welds”,	-----	Proceedings of International Conference on Engineering Materials and Processes, ICEMAP 2013
Dr.T Srnivasa Rao	“AA2219-T87 aluminum alloy in salt fog environment”,	-----	Proceedings of International Conference on Engineering Materials and Processes, ICEMAP 2013
Dr.T Srnivasa Rao	Studies On Variations In Micro structure & Hardness of AA7075-T651 Al Alloy friction stir welding	0026-0843 La-Meturgia Italiana	-----
Dr.T Srnivasa Rao	Corrosion behavior of micro arc oxidation coated AA7075-T651 friction stir welds	-----	-----
K Gopi Krishna	Simulation & Performance take a look at of transferable solar window	IJMER ISSN 2277-7881	-----
B Nagendra Babu	Simulation & Performance take a look at of transferable solar window	IJMER ISSN 2277-7881	-----
Kiran Kumar B	Performance and Emission haracteristics of Bio-Diesel using tyre pyrolysis oil	ISSN:2348-8360, SSRG-IJME	-----
Kiran Kumar B	Design and Analysis of Robot Arm using Mat. lab & Analysis	ISSN:2348-8360 SSRG-IJME	-----
Raju S	Design and Fabrication of Economizer.	ISSN:2348-8360 SSRG-IJME	-----
Mansoor Md	An Experimental Investigation of Hybrid Home Air conditioner using R134a Refrigerant.	ISSN:2347-3878 IJSER	-----

20. Areas of consultancy and income generated- **NIL**

21. Faculty as members in

- a) National committees : YES
 b) International Committees : NO
 c) Editorial Boards.... : NO

S.NO	NAME OF THE FACULTY	DESIGNATION	INTERNATIONAL/ NATIONAL COMMITTEE
1.	Dr. K RAMAKOTAIAH	professor	ISTE,SAE
2.	Dr. T SRINIVAS RAO	professor	MIIW,MIAENG, LMISTE
3.	Prof. M.BASAVESWARA RAO	professor	ISTE
4.	Mr. S.RAJU	Asst. professor	ISTE,SMISME
5.	Mr. MD MANSOOR AHAMED	Asst professor	SMISME
6.	B.KIRAN KUMAR	Asst professor	SMISME
7.	V.SRI KUMAR	Asst professor	SMISME
8.	J.SOUJANYA	Asst professor	SMISME
9.	J.KOTESWAR RAO	Asst professor	SMISME
10.	N.V SAI RAM	Asst professor	SMISME

22. Student projects

Percentage of students who have done in-house projects including inter departmental/programmers 100%

S.NO	ACADEMIC YEAR	NO OF IN-HOUSE PROJECTS
1	2015-16	13
2	2014-15	10

- a) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies **NIL**

23. Awards / Recognitions received by faculty and students

Awards / Recognitions received by faculty

Dr. K RAMAKOTAIAH	JRF from UGC	
Prof. M.BASAVESWAR RAO	BEST TEACHER	2013-14
Mr. T ASHOK	BEST TEACHER	2014-15
Mr. MD MANSOOR AHMAD	BEST TEACHER	2015-16

Awards / Recognitions received by students

S.NO	STUDENT NAME	ACADEMIC YEAR	TOPIC	NAME OF AWARD	RECEIVED FROM
1	M.SOWMYA	2014-2015	Technical PPT	First prize	VVIT
2	SK.NAGEENA SULTHANA	2014-2015	Technical PPT	First prize	VVIT
3.	Y HARINI	2014-2015	Throw ball	First prize	MPES
				First prize	CIETI
				Second	NRIT,NEC
4.	J UDAY HARSHA VARDHAN	2014-2015	Poster pt	First prize	NRIT
5	M.MANIKANTA	2014-2015	Accelerobotix	AP zonal 1 st prize	NIT Warangal
6	G.PREMKUMAR	2014-2015	Accelerobotix	AP zonal 1 st prize	NIT Warangal
7	N.JASWANTHMANOJ	2014-2015	Accelerobotix	AP zonal 1 st prize	NIT Warangal
8	V.V.UMAPATHI	2014-2015	Accelerobotix	AP zonal 1 st prize	NIT Warangal
9	T. VASAVI	2014-2015	TOPPER	III-II SEM	Awarded 5000/-

24. List of eminent academicians and scientists / visitors to the department

S.No	Name Of The Academician	Designation	Organization	Purpose Of Visit	Date	No Of Students Attended
1	Dr. P. Bangaru Babu	Professor	NIT Warangal	Workshops on FEMA	24-09-2014	155
2	Dr A.Gopal krishna	Professor	JNTUK Kakinada	Workshops on FEMA	24-09-2014	155

25. Seminars/ Conferences/Workshops organized & the source

a) National

S.No	Date Of Event	Seminar/ Workshop/Conference	Resource Person
1	24th Sept 2014	Workshops on Finite Element Methods and its applications	Dr.P. Bangaru Babu, Dr A.Gopal krishna

b) International NIL

26. Student profile program /course wise:

2014-2018

Name of the Course/programme (Refer Question No. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Managerial Economics and Financial	196	196	78	118	99.48
Data structures	196	196	78	118	94.33
Environmental Studies	196	196	78	118	98.45
Electrical Technology	196	196	78	118	90.21
Networks & Electrical Technology Lab	196	196	78	118	100
Management Science	194	194	76	118	94.36
Ipr & Patents	194	194	76	118	100

2013-2017

Name of the Course/programme (Refer Question No. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Managerial Economics and Financial	166	166	70	96	100
Data structures	166	166	70	96	98.17
Environmental Studies	166	166	70	96	99.39
Electrical Technology	166	166	70	96	98.17
Networks & Electrical Technology Lab	166	166	70	96	100

Management Science	164	164	70	94	100
Ipr & Patents	164	164	70	94	100

2012-2016

Name of the Course/programme (Refer Question No. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Managerial Economics and Financial	166	166	80	86	89.15
Network Analysis	166	166	80	86	86.14
Electrical Technology	166	166	80	86	89.15
Networks & Electrical Technology Lab	166	166	80	86	100
PE&M-1	166	166	80	86	100
PE&M-2	166	166	80	86	100
English Communication Practice-1	166	166	80	86	100
English Communication Practice-2	166	166	80	86	100
Computer Architecture & Organization	162	162	77	85	98.15
Ipr & Patents-1	156	156	71	85	100
Management Science	156	156	71	85	100

* -Admissions are through EAMCET/E-CET / PGECET counseling of AP State Govt

*M = Male *F = Female

27. Diversity of Students

Year of admission	Name of the Course	% of students from the same state	% of students from other States	% of student from abroad
2012-13	B.TECH	100	0%	0%
2013-14		98.80	1.20	0%
2014-15		100	0%	0%
2015-16		100	0%	0%
2012-13	M.TECH (VLSI)	100	0%	0%
2013-14		100	0%	0%
2014-15		100	0%	0%
2015-16		100	0%	0%
2012-13	M.TECH (DECS)	-	-	-
2013-14		100	0%	0%
2014-15		100	0%	0%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

S.No	Academic Year	Name Of The Competitive Exam	No Of Students Cleared
1	2014-15	GRE,IELTS	9
2	2015-16	GRE,IELTS	7

29. Student progression

Student progression	Against % enrolled
UG to PG	11%
Employed	54%
Campus selection	60%
Other than campus recruitment	40%

Entrepreneurship/Self-employment	2 No's
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30. Details of Infrastructural facilities

a) Library: Available

Titles	Books	National Journals & Magazines	Cost
573	3874	34	Rs.1080766.91 /-

b) Internet facilities for Staff & Students

Internet facilities for Staff & Students available in CAD lab. Internet speed of 40 Mbps

c) Class rooms with ICT

Rooms	No of Rooms	Facilities Available
Lecture Rooms	06	Adequate no of tables , benches, Fans, Tube lights,, podium, Benches, Chalks & Duster
Tutorial Rooms	2	

d) Facility

Internet facilities for Staff & Students Wi-Fi enabled in the CAD lab. Internet speed of 40 Mbps

e) Laboratories

- ENGINEERING WORK SHOP
- PRODUCTIO TECHNOLOGY LAB
- MACHINE TOOLS LAB
- THERMAL ENGINEERING LAB
- HEAT TRANSFER LAB
- INSTRUMENTATION AND METROLOGY LAB
- METALLURGY LAB
- AUTO CAD/ SIMULATION LAB

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	SC	ST	BC	EBC	MINORITY	TOTAL
2015-16	4	0	18	41	10	73
2014-15	11	0	16	43	11	81
2013-14	11	0	13	10	5	39

2012-13	6	1	10	12	8	37
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32. Details on student enrichment programs (special lectures / workshops /seminar) with external experts

S.No	Date Of Event	Seminar/ Workshop/Conference	Resource Person
1	24 th Sept 2014	Finite element methods and its applications	Dr. P. Bangaru Babu (NIT Warangal) Dr A .Gopal Krishna(JNTUK)

33. Teaching methods adopted to improve student learning

- Classes are conducted regularly as per time table.
- Black board teaching in all class rooms.
- Power point presentations/Video lectures are arranged to the students by the concerned faculty.
- Tutorial classes are conducted to improve the problem solving skills
- Providing extra content to fill the gap between academics and industry
- Conducting remedial classes for poor learners to improve their academic performance
- Assignments are given to students based on the need of the topic
- Providing extra lab practice to all the students to improve the practical skills along with regular curriculum.
- University results are critically analyzed and discussed at the faculty meeting. Follow-up actions are initiated.
- Involving the students in technical expo/exhibition to develop the application of design and production.
- Arranging Industrial Visits
- NPTEL lectures

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities: NSS activities: Academic year 2016

S.No	Name Of The Activity	Date Of Activity	No Of Students Participated	Budget For Activity (Approx)
1.	Health Camp	22-04-2015	20	20,000/-
2.	No Smoking (Tobacco) Awareness Rally	31-05-2015	100	2,000/-
3.	Environmental Camp (Tree Plantation)	05-06-2015	30	10,000/-
4.	Blood Camp & Awareness Seminar	14-06-2015	40	10,000/-

5.	Literacy Awareness Camp At Villages	08-09-2015	10	5,000/-
6.	NSS Foundation Celebrations	24-09-2015	60	7,000/-
7.	Swach Bharath	02-10-2015	50	5,000/-
8.	Eye Check Up Camp	12-10-2015	120	10,000/-
9.	Aids Awareness Rally	01-12-2015	120	5,000/-

35. SWOC analysis of the department and Future plans

Strengths:

- Active participation of faculty in R & D
- Well dedicated experienced young dynamic faculty
- Good Employability for students
- Good Industry institution interaction

Weakness:

- Consultancy is less.

Opportunities:

- Good number of cold storage plants around the college to do R&D.
- R&D in Design of Agricultural implements.

Challenges:

- Faculty retention
- Challenge from Private & deemed universities.

Future Plans:

- Up-gradation of faculty qualifications.
- To take up R&D projects from funding agencies like DST, UGC and AICTE.
- Applying for external funded research projects with collaboration of government and private organizations, establishing MOUs with National /International, academic/research organizations.
- To conduct National/International Conferences for the faculty, Research scholars.
- To attend Industrial training programs by the faculty.
- To conduct Student Development Programme in the emerging areas.
- To conduct faculty development programs in the latest technologies and teaching methodologies.

Department of Civil Engineering

1. **Name of the department** : Department of Civil Engineering
2. **Year of Establishment** : 2009
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)** : UG
4. **Names of Interdisciplinary courses and the departments/units involved** : MBA
5. **Annual/ semester/choice based credit system (programme wise):** Semester
6. **Participation of the department in the courses offered by other departments:** No
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.** : No
8. **Details of courses/programmes discontinued (if any) with reasons:** No
9. **Number of Teaching posts**

Post	Sanctioned	Filled
Professors	2	2
Associate Professors	2	2
Asst. Professors	14	14

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

S.NO	Name	Designation	Age	Qualification	No of years of service
1	Dr.P.Babu	Professor & Principal	56	ME,Ph.D	28
2	Dr.M.Ravindra Krishna	Professor & HOD	55	ME,Ph.D	28
3	J.V.Suresh babu	Assoc. Professor	47	M.Tech(Ph.D),	27
4	M.Venu prasanna	Assoc. Professor	51	M.Tech	27
5	J.Srinivasa Rao	Asst. Professor	50	M.Tech	21
6	R.Santhi kala	Asst. Professor	44	M.Tech (Ph.D)	11
7	A.Suri babu	Asst. Professor	29	M.Tech	3
8	T.Neelima	Asst. Professor	29	M.Tech	3

9	N.V.L.Gayatri	Asst. Professor	28	M.Tech	3
10	A.Venkatesh	Asst. Professor	24	M.Tech	2
11	K.V.Karthikeyan	Asst. Professor	24	M.Tech	1
12	V.Nagendra babu	Asst. Professor	24	M.Tech	1
13	K.Sireesha	Asst. Professor	24	M.Tech	1
14	A.Suhasini	Asst. Professor	24	M.Tech	1
15	K.Kavya	Asst. Professor	24	M.Tech	0
16	M.V.N.Maruti	Asst. Professor	24	M.Tech	0
17	K.Victor	Asst. Professor	24	M.Tech	0
18	R.S.Murali krishna	Asst. Professor	23	M.Tech	0

11. **List of senior visiting faculty:** Dr.V. Anjaneya Prasad, Prof.J.Kishore Babu
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** Nil
13. **Student -Teacher Ratio (programme wise):** 1:20
14. **Number of academic support staff (Technical) and administrative staff:** sanctioned and filled:

	Sanctioned	Filled
Technical	3	3
Non Technical	1	1
Administrative	1	1

15. **Qualifications of Teaching faculty with Ph.D (2)/ PG(16).**
16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** NIL
17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:** NIL
18. **Research Centre /facility recognized by the University:** NO
19. **Publications: 3**
a) Publication per faculty: 0.167
Number of papers published in peer reviewed journals (national / International) by faculty and students

- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : NIL
- Monographs: NIL
- Chapter in Books: NIL
- Books Edited: NIL
- Books with ISBN/ISSN numbers with details of publishers

Authors	Complete Title of the article/book chapters/Books/paper	Name of the Journal	Volume No	Issue No	Page No	Year of Publication	ISSN/ISBN No	Impact factor
A.Suri Babu Dr. M. Ravindra Krishna	Behaviour of Concrete on replacement of sand with quarries stone dust as fine aggregate	IJRSET	4	1	18503 - 18510	2015	2319-8753	5.442
B. Anki Reddy	A Study on Repair Materials & Mesh Bonding Techniques used to repair concrete beams failed in flexure	IJERA	5	5	84-87	2015	2248-9622	1.69
R.Sai Murali Krishna Reddy	Cost and Time Overruns in Indian Construction Industry	Industrial Science	2	4	1-9	2016	2347-5420	1.50

20.Areas of consultancy and income generated: Concrete and Geo-Technical labs (testing of concrete and soil investigation) Rs. 82,354/-

21. Faculty as members in Professional Societies

- a) National committees b) International Committees
c) Editorial Boards.... : Yes,

Dr. M.Ravindra Krishna	Professor	ISTE, ICI, IE
J.V.Suresh Babu		Assoc. Professor ISTE
N. Madhu		Assoc. Professor IGS life member
R. Santhikala	Asst.Professor	ISTE, ICI
R.Sai Murali Krishna Reddy	Asst.Professor	IGS life member

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme: 100%
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: 0%

23. Awards / Recognitions received by faculty and students: No

FACULTY AWARDS: NIL

STUDENT AWARDS

S.No	Names	Year	Merit List	Awards& Rewards
1	S.Saileela	IV-I st Sem	Topper (84.7%)	Awarded Rs.5000/-
2	T.Sri Divya	III-I st Sem	Topper (85.06%)	Awarded Rs.5000/
3	V.Swathi	II-I st Sem	Topper (87.46%)	Awarded Rs.5000/
4	N.Naveena Kumar	III-I st Sem	Quiz	1 st Prize(AP YUVA)
5	M.Ravi Babu	IV-II st Sem	Quiz	2 nd Prize(CIT)
6	Ch.Siva	III-II nd Sem	Project Expo	1 st Prize (KLU)
7	M.Ravi Babu	IV-II st Sem	Model Making	1 st Prize (KITS)
8	N.Naveena Kumar	III-II nd Sem	Quiz	2 nd Prize(CIT)
9	M.Venkateswar Reddy	III-II nd Sem	Cricket	Runners(EIT)
10	T.Sai Venkat Varma	III-II nd Sem	Cricket	Runners(EIT)

11	A.Prashnath	III-II ND SEM	Short Film	1 st Prize (Kits Yuva)
12	N.Pavan Kalyan	III-II nd Sem	Cricket	Runners(EIT)
13	K.Hanumaiah	III-II nd Sem	Cricket	Runners(EIT)
14	Ch.Siva	III-II ND Sem	Quiz	2 nd Prize(Chalapathi)
15	K.Purna Prakash	II-I	Boxing	2 nd Prize(Gnt.Dist)
16	Ch.Siva	III-II ND SEM	Project Expo	1 st Prize (Chalapathi)

24. List of eminent academicians and scientists / visitors to the department: Yes

- Dr. T.G. Sitharam, Professor in Civil Engineering, IISc, Bangalore,
- Dr.A.S.Rama Krishna, Chairman-Deep Foundations, Institute of India & Independent Senior Geotechnical Consultant, Chennai
- Dr.S.Sireesh, Asst.Professor, Dept.of Civil Engg, IIT Hyderabad

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National: Seminar on Problems Related to Infrastructure Geo-Technics funded by Indian Geo-Technical Society-2014
- b) International: NIL
- c) Institute: Construction practices by D.Srikanth of Bollineni seenaiah & Co.Ltd-2015
 - : STAAD Pro Training Program by Magesh : 2016
 - : On Environmental Engineering by N.V.K.Prasad-Superintendent Engineer, Public Health Dept,Guntur Circle – 2016
 - : Building Information modeling by K.Anurag : Bentley
 - : RIVET & STAAD Pro projects of L&T construction by Parthiban Samyna, AE Manager, L&T, 2016

26. Student profile programme/course wise: B.Tech CIVIL

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
I B.Tech (2015-2019)	120	110	94	16	48%
II B.Tech (2014-2018)	120	111	92	19	58%
III B.Tech (2013-2017)	120	104	85	19	59%
IV B.Tech (2012-2016)	60	60	53	7	73%

Lateral Entry					
II B.Tech (2014-2017)	24	14	13	1	77%
III B.Tech (2013-2016)	24	24	18	6	75%
IV B.Tech (2012-2015)	12	6	5	1	75%

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
CIVIL	100%	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

➤ GATE -2016 had qualified 1 persons

1) M. Sri Sai Akhilesh

29. Student progression

Student progression	Against % enrolled
UG to PG	12%
PG to M.Phil.	0%
PG to Ph.D.	0%
Ph.D. to Post-Doctoral	0%
Employed	
Campus selection	39
Other than campus recruitment	5
Entrepreneurship/Self-employment	0

30. Details of Infrastructural facilities

a) Library: Available

BOOK DETAILS:

Titles	Books
320	2007
National Journals & Magazines	
8	

b) Internet facilities for Staff & Students: Available

c) Class rooms with ICT facility: nil

d) Laboratories: Available

- Geotechnical lab
- Surveying lab
- Strength of Materials lab
- Concrete Technology lab
- Transportation Engineering lab
- Engineering Geology lab
- Environmental Engineering lab
- CAD Lab
- FM & HHM Lab
- STAAD & GIS Lab

31. Number of students receiving financial assistance from college, university, Government or other agencies:

S.No	Academic Year	Number of Students	financial assistance from college, university, government or other agencies:
	(2012-13)		
1	1 st year	38	Government
2	2 nd year	40	Government
3	3 rd year	32	Government
4	4 th year	32	Government

S.No	Academic Year	Number of Students	financial assistance from college, university, government or other agencies:
	(2013-14)		
1	1 st year	69	Government
2	2 nd year	48	Government
3	3 rd year	41	Government
4	4 th year	32	Government

S.No	Academic Year	Number of Students	financial assistance from college, university, government or other agencies:
	(2014-15)		
1	1 st year	68	Government
2	2 nd year	90	Government
3	3 rd year	47	Government
4	4 th year	40	Government

S.No	Academic Year	Number of Students	financial assistance from college, university, government or other agencies:
	(2015-16)		
1	1 st year	66	Government
2	2 nd year	87	Government
3	3 rd year	47	Government
4	4 th year	40	Government

32. Details on student enrichment programmes (special lectures/workshops/Seminar) with external experts: Yes, 2

S. No	Name of the special lectures / workshops /seminar	Resource Person	Date(s)
1	Seminar on Problems Related to Infrastructure Geo-technics	1. T.G.Seetharam,IISc, Bangalore 2. S.Sirish, IIT,Hyderabad 3. K.S.Ramakrishna, DFI, chennai	18 th Jan 2016 to 23 rd Jan 2016
2	Construction techniques	D.Srikanth, Sr.Engr, BSCPL, Assam	31-10-2015

33. Teaching methods adopted to improve student learning: Using technical aids, conducting CRT Classes, motivational & behavioral therapies and counseling. Referring/Showing NPTEL videos

- 1.LCD Projector
- 2.Chalk & Talk
3. Experiential learning through LEAD, WE, T-CELL programmes at Departmental level
4. Showing NPTEL videos

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Yes, NSS Committee will actively participate in social responsibility programs

List of NSS Activities:

- Blood donation camp
- Tree plantation
- Donation for heart plantation patient
- Swatch kits
- Old age home service
- Skill acquisition
- Donated medicines at old age homes
- Education fee donation
- Traffic awareness rally

35. SWOC analysis of the department and Future plans

Strengths

- Highly qualified, dedicated and committed faculty
- Consistent results above 81%
- Placements above 66%
- Open Software Accessibility

Weaknesses

- Communication skills
- Be short of industrial exposure

Opportunities

- Projects And Grants From UGC
- Access of IEEE Journals
- Utilization Of E-Journals
- Utilization Of Labs For R&D

Threats

- Intensive competition
- Deficit of budget for infrastructure development in the state

Evaluative Report of Department of Management Studies

- Name of the department: Department of Management Studies
- Year of Establishment : 2009 (AICTE Approval letter, University Approval Letter and Government orders enclosed)
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): MBA
- Names of Interdisciplinary courses and the departments/units involved: MBA department gets involved in CSE, ECE, CIVIL, Mechanical and EEE Departments. In this regard syllabus copies and letters of transaction have been enclosed.
- Annual/ semester/choice based credit system (programme wise): Semester Based (University calendar enclosed)
- Participation of the department in the courses offered by other departments: Yes. The staff of MBA, teaches MEFA, MS and IPR etc to all the departments of Engineering
- Courses in collaboration with other universities, industries, foreign institutions, etc. : No
- Details of courses/programmes discontinued (if any) with reasons: No
- Number of Teaching Posts

	Sanctioned	Filled
Professors	1	1
Associate Professors	3	3
Asst. Professors	12	12

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No	Name	Designation	Qualification	Specialization	No. of Years of Experience	No. of Ph.D. Students
1	Dr. Bh. VENKATESWARA RAO	Professors	MA.,MBA, PH. D.	Marketing	28	NIL

2	Sk. ABDUL VALI	Associate Professors	Msc	statistics	17	NIL
3	V.Ch. PURNACHANDRA RAO	Associate Professors	MBA., M. COM, M.PHIL.,	Finance	13	NIL
4	G. MAHESH	Associate Professors	MBA	Marketing and HRM	11	NIL
5	G. MADHAVA RAO	Asst. Professors	MBA	Finance and Marketing	2	NIL
6	S. RAGINI	Asst. Professors	MBA, M.PHIL (PH.D)	Finance	8	NIL
7	D. ROJA	Asst. Professors	MBA	Finance	6	NIL
8	A.RADHIKA	Asst. Professors	MBA	Marketing and HRM	4	NIL
9	M RAMANJANEYULU	Asst. Professors	MBA	Finance & HRM	5	NIL
10	TADEPALLI LALITHA	Asst. Professors	MBA	Finance and HRM	1	NIL
11	S. Gayatri	Asst. Professors	MBA	Finance		NIL
12	Bh.Vijaya pavani	Asst. Professors	B.tech, MBA	Finance and HRM	2	NIL
13	V. Chakravarthy	Asst. Professors	MBA	Finance and Marketing	6	NIL
14	Sk. Razia	Asst. Professors	MBA	Finance and Marketing	1	
15	K. Chandra reddy	Asst. Professors	MBA	HRM	8	
16	K . Sunitha	Asst. Professors	MBA	Fiance and HR	3 Months	

11. List of senior visiting faculty: No

12. Percentage of lectures delivered and practical classes handled (programme wise)
by temporary faculty: No

13. Student -Teacher Ratio (programme wise): 1:15

-
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: No
 15. Qualifications of teaching faculty with Ph.D -1 / Mphil - 2 / PG - 13.
 16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: No
 17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL
 18. Research Centre /facility recognized by the University : NO
 19. Publications: 18 (From 2013-14 to 2015-16)
 - a) Publication per faculty: 1.2
 - Number of papers published in peer reviewed journals (national / international) by faculty and students
 - Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : NIL
 - Monographs: NIL
 - Chapter in Books: 2
 - Books Edited: NIL
 - Books with ISBN/ISSN numbers with details of publishers
 - One book
 - Citation Index
 - SNIP
 - SJR
 - Impact factor More than 3
 - h-index
 - Areas of consultancy and income generated: No
 21. Faculty as members in
 - a)National committees b) International Committees c) Editorial Boards
 - d) Professional body membership: No

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: NIL

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: 100%

23. Awards / Recognitions received by faculty and students: yes

Awards won by Students:

C. Baradwaj, B. Siva reddy and A. Abhimanyu (2012- 14) secured first prize in the program Brainy Bees

organized by Narasaraopeta Engg College, Narasaraopeta held by Nalanda group of Institutions

N. Narmada, T. Kalavathi and V. Manasa Krishna (2015- 17) stood second place in the market makers competition held by Nalanda group of Institutions

P. Naga Sravani and M. Sushmitha (2015-17) stood second place in Empresario competition held by KL University

SD. Shareef, L. Surendra Babu and B. Balaji (2015-17) got first prize in Cricket Tournament held by KKR & KSR Institute of Technology and Sciences

K. Ganesh and G. Rangarao (2015-17) won the winners certificate from Youth Money Olympiad competitions held by Money Wizards

G. Rangarao (2015-17) got first prize in paper presentation (Pravachana) a competition held by PB Siddartha College of Arts and Science, Vijayawada

B. Balaji and G. Naga Lakshmi (2015-17) got first prize in Selfie Time held by MIC College of Technology.

Students who secure more than 80% marks will be given 5000 INR as cash prize

24. List of eminent academicians and scientists / visitors to the department: Nil

25. Seminars/ Conferences/Workshops/ Guest lectures organized & the source of funding: Five Guest Lectures are conducted with funding given by college.

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
MBA (2015-17)	79	75	52	23	Result Awaited
MBA (2014-16)	75	75	42	33	65%
MBA (2013-15)	54	54	34	20	100%
MBA (2012-14)	71	71	33	38	100%

*M = Male *F = Female

7. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
MBA (2015-17)	100%	NIL	NIL
MBA (2014-16)	100%	NIL	NIL
MBA (2013-15)	100%	NIL	NIL
MBA (2012-14)	100%	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NIL

29. Student progression

Student progression	Against % enrolled
UG to PG	NA
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed	
• Campus selection	27
• Other than campus recruitment	1
Entrepreneurship/Self-employment	--

30. Details of Infrastructural facilities

a) Library: Available

BOOK DETAILS:

Titles	Books
398	1722
National Journals & Magazines	
16	

b) Internet facilities for Staff & Students: Yes

c) Class rooms with ICT facility:

Yes, One room

d) Laboratories: No

e) Details of Software: Available in

CSE Department

31. Number of students receiving financial assistance from college, university, government or other agencies: 89.61% in 2014-16 and 93.59% in 2015-17.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Yes, 5

33. Teaching methods adopted to improve student learning: Using technical aids like LCD and counseling to students.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Yes, NSS Committee will actively participate in social responsibility programs
35. **SWOC** analysis of the department and Future plans

Strengths

- Qualified staff
- Excellent infrastructure
- Supportive management
- 100% Results

Weaknesses

- Students hail from rural background. As such they are able to cope up with the subjects and English language very slowly

Opportunities

- Employment in industry
- Students can become management practitioners
- Self employment

Challenges

- Intense competition from other college and private universities
- Declining demand for MBA
- Job hopping of faculty for trivial reasons

AICTE Approval Letter



All India Council for Technical Education
 A Statutory Body under Ministry of HRD, Govt. of India
 The Floor, Chandra Building, Jangpda, New Delhi- 110 001
 Ph: 011-26361300-0994443887 FAX: 011-26361483 www.aicte.gov.in

File No: SUB-Certificat 202020104(1)0006

Date: 17 Apr 2020

To,
 The Principal Secretary,
 Higher Education, Govt. of Andhra Pradesh,
 J Block, 4th Floor, Secretariat Building,
 Hyderabad-500002

Sub: Statement of approval for the academic year 2019-20

Ref: Notification of the Institute for Provision of approval for the academic year 2019-20

Reference:

In view of the provisions under the All India Council for Technical Education (Provision of Approval by Technical Institutions) Regulations 2012 notified by the Council vide notification number F.No. 11-34442(01) dated 15/08/2012 and being amended, provisions and conditions prescribed by the Council from time to time in an electronic format (to be approved)

Approval status	Acadmic Status	Institution	Location
		Proposed	India
Name of Institution	KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES	Proposed Institute	WANGAL, WILAPURAM, GUNTUR DISTRICT, ANDHRA PRADESH, INDIA. PIN CODE: 522 202
Name of the Sponsoring Body	KKR & KSR EDUCATIONAL SOCIETY	Sponsoring Body	WANGAL, WILAPURAM, GUNTUR DISTRICT, ANDHRA PRADESH, INDIA. PIN CODE: 522 202
Institute Type	Private - Other		

Approved by governing body/Member of Council	Yes	Applied to AICTE/Other	No	Approved by Council	Yes
Approval Status	Not Applicable	Change of Name Applied	Not Applicable	Change of Name Applied	Not Applicable

To confirm following entered with the Institute Information System for the academic year 2019-20

Application Number: 202020104(1)0006

Page 1 of 4

Note: Return of Certificate generated upon successful completion of approval process

Date Printed: 17 Apr 2020

Approved by: (Signature)


PRINCIPAL
 KKR & KSR Institute of Technology & Sciences
 Wangalpalem, GUNTUR DISTRICT



All India Council for Technical Education
 (A Statutory body under Ministry of HRD, Govt. of India)
 7th Floor, Ousefchack Building, Jayaprakash, New Delhi- 110 016
 PHONE: 2372181/2372182/2372183/2372184 FAX: 011-2372182 www.aicte.gov.in

Deputy

1. The Regional Office,
 All India Council for Technical Education
 7th Floor, 4th Block, Jayaprakash
 Jawahar Nagar, Technological University
 Madurai, Tamilnadu 625 009
2. The Director of Technical Education,
 Andhra Pradesh
3. The Registrar,
 Jawahar Nagar Technological University, Madurai
4. The Principal, District
 KSR & KRR INSTITUTE OF TECHNOLOGY AND SCIENCES
 (KSR&KRR)
 WILSONNAPALLY (R), A.P.
 WILSONNAPALLY (R), A.P.
 DISTRICT (AP)
 ANDHRA PRADESH
 PIN 520 017
 WILSONNAPALLY (R), A.P.
 Andhra Pradesh 520 017
5. The Secretary / Chairman,
 KSR & KRR EDUCATIONAL SOCIETY
 DISTRICT NO. 520 1496,
 WILSONNAPALLY (R), A.P.
 WILSONNAPALLY (R), A.P.
 PIN 520 017
 WILSONNAPALLY (R), A.P.
 Andhra Pradesh 520 017
6. Joint Projector

Application Number: /2020/2020

Page 4 of 4

Site: The site details provided under the subject of this application are as follows:

Date: 10/01/2020

Prepared By: /2020/2020

PRINCIPAL
 KSR & KRR INSTITUTE OF TECHNOLOGY & SCIENCES
 WILSONNAPALLY (R), A.P.

University Affiliation Letter

Centre "TECHNOLOGY"
Email:registrar@jntuk.ac.in



Phone:0854-2300001
Fax:0854-2300001

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-530003, Andhra Pradesh (India)
(Established by Andhra Pradesh Act No. 33 of 2008)

L.No.DAP/H/WR & KSR/NAAC/2015-16

16.11.2016

Dr. G. V. R. Prasad Bujja,
B.E., M.E., Ph.D

REGISTRAR

TO WHOM IT MAY CONCERN

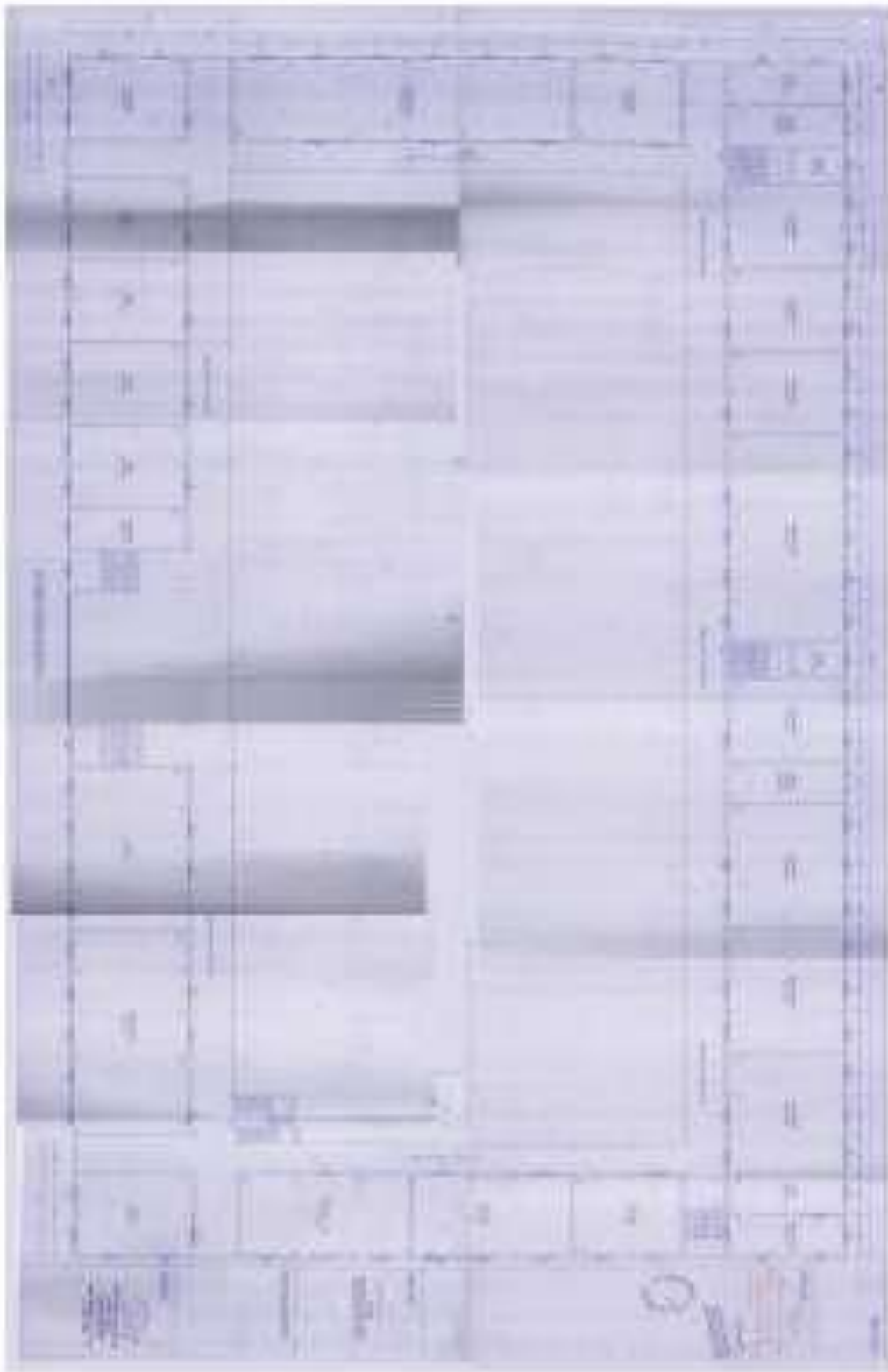
This is to certify that "KRR & KSR Institute of Technology & Sciences, Vijayampada(V), Yandoharakur (Y), Guntur District, Andhra Pradesh" is affiliated to Jawaharlal Nehru Technological University, Kakinada since 2008 for following Courses as taught in the said college as per approval.

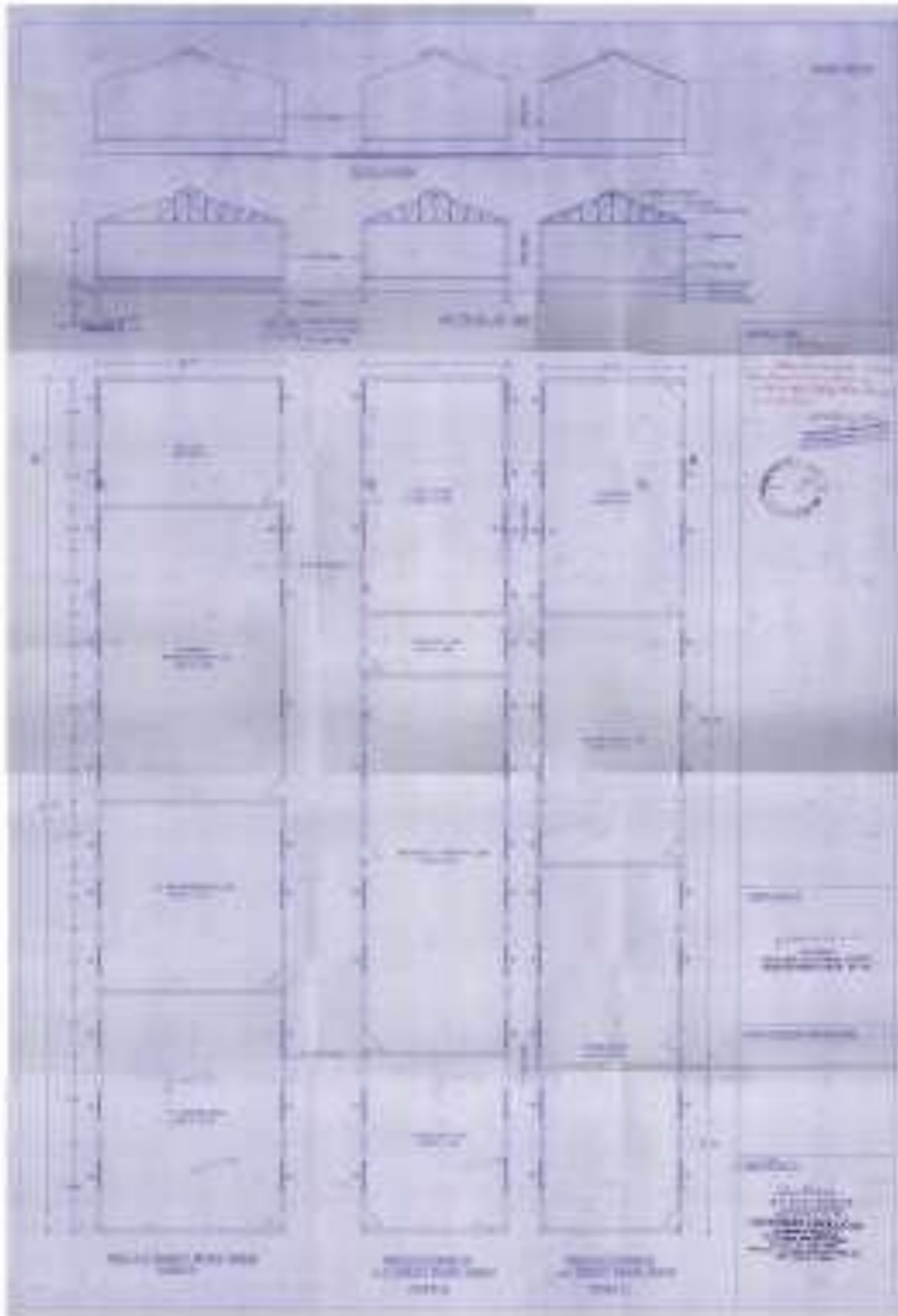
Sl No	Name of the Courses and Duration	Affiliation		Period of Validity for (6c year(s))
		Permanent	Temporary	
B.Tech Programmes: Duration for 4 years				
1	Computer Science & Engineering		Temporary	2015-16
2	Electronics & Communication Engineering		Temporary	2015-16
3	Electrical & Electronics Engineering		Temporary	2015-16
4	Mechanical Engineering		Temporary	2015-16
5	Civil Engineering		Temporary	2015-16
M.Tech Programmes: Duration for 2 years				
1	M.Tech-Computer Science & Engineering		Temporary	2015-16
2	M.Tech – Digital Electronics & Communication Systems		Temporary	2015-16
3	M.Tech – VLSI		Temporary	2015-16
4	M.Tech – Power Electronics & Drives		Temporary	2015-16
5	MBA		Temporary	2015-16

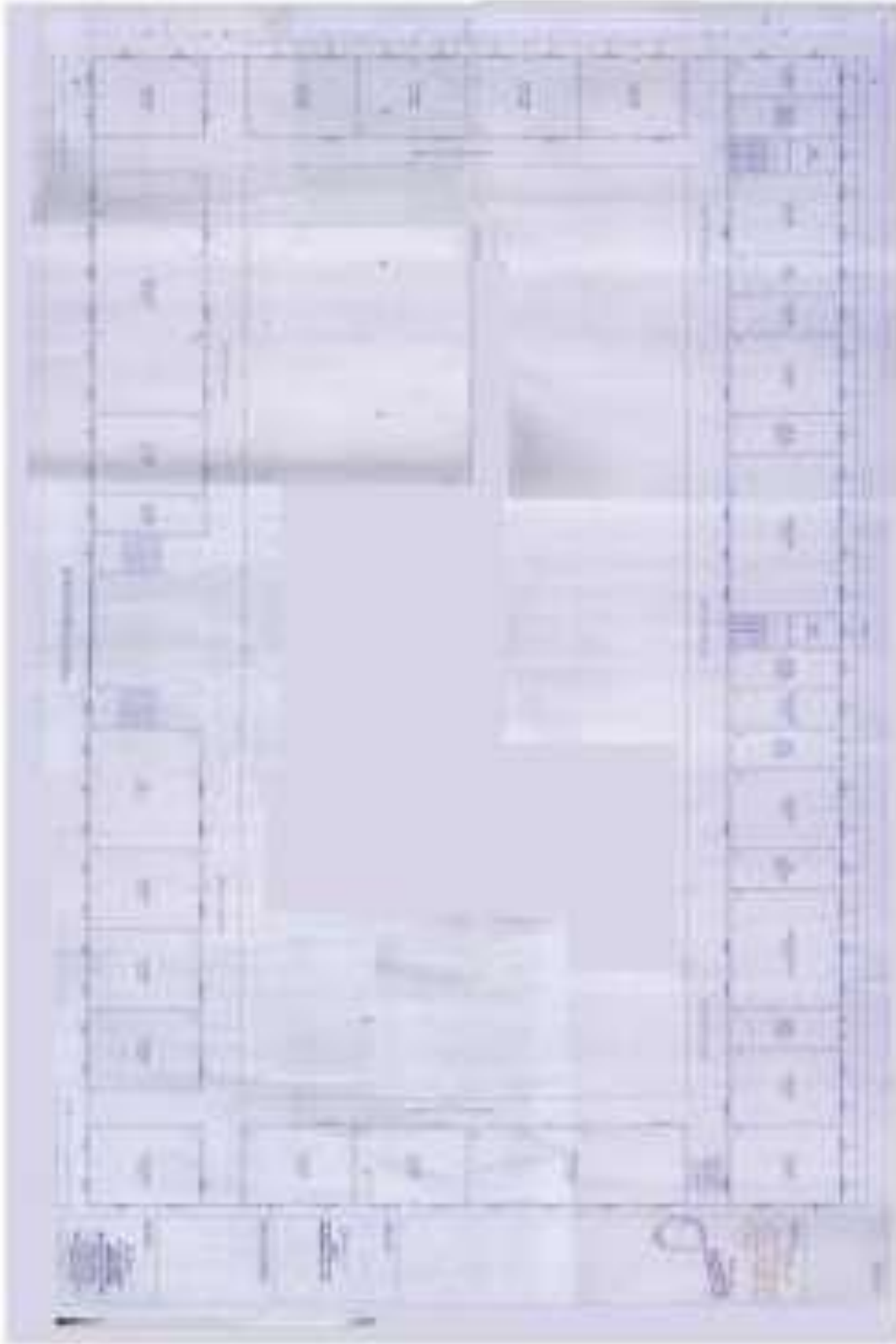
This certificate is issued at the request of the college for the purpose of NAAC procedure.

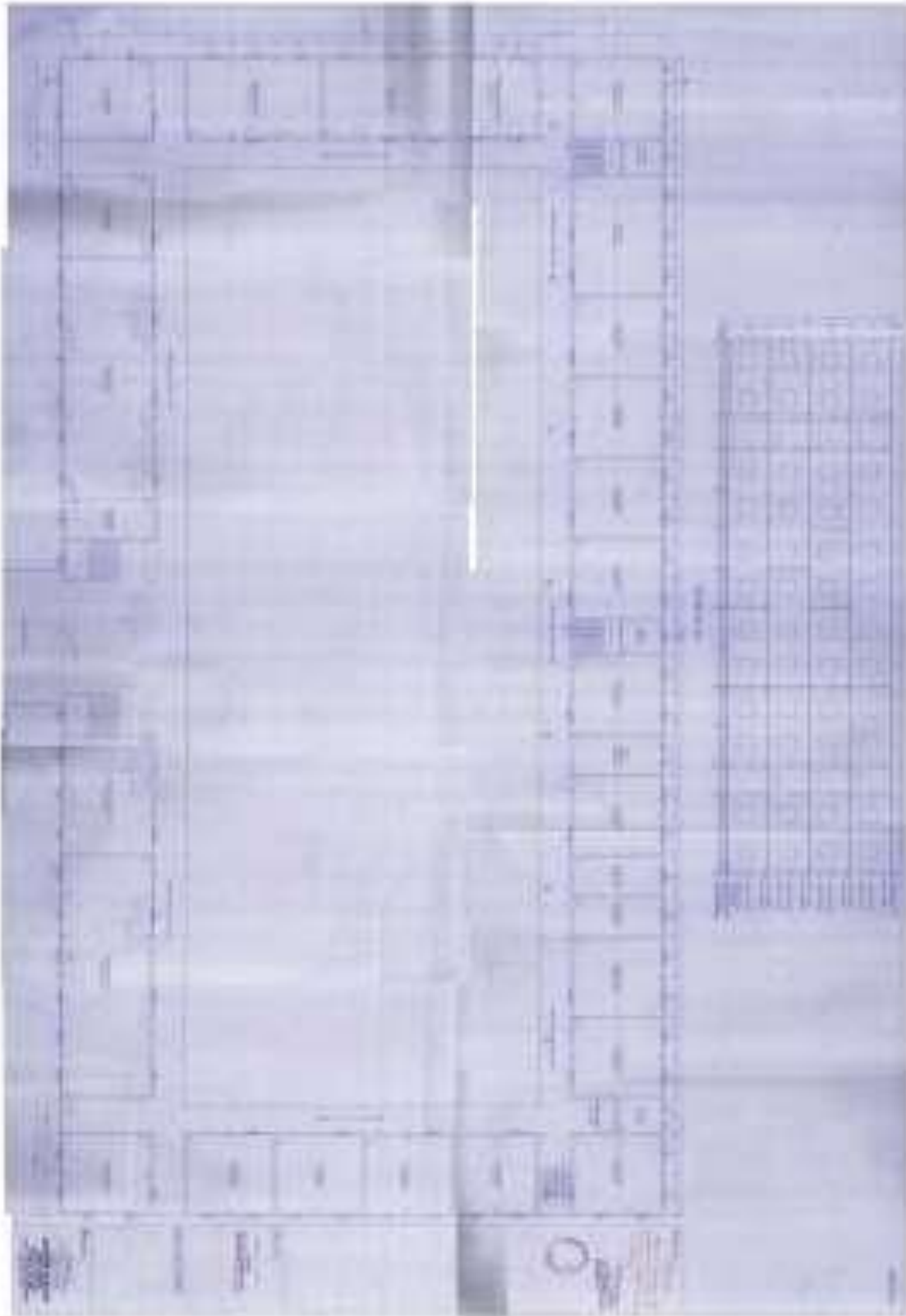

REGISTRAR
JNTUK KAKINADA
REGISTRAR
J.N.T. University Kakinada
KAKINADA-533 003

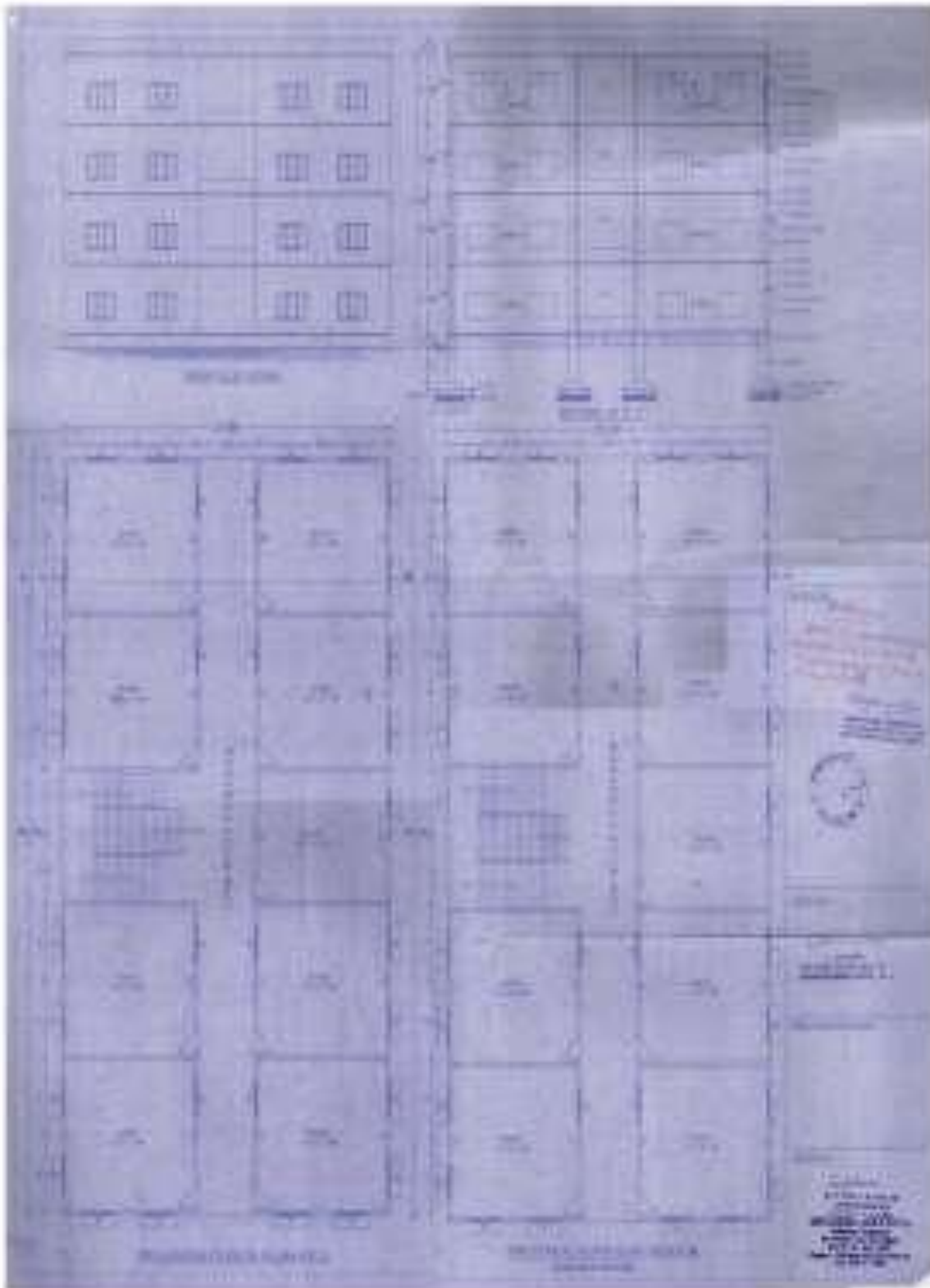
BUILDING PLANS

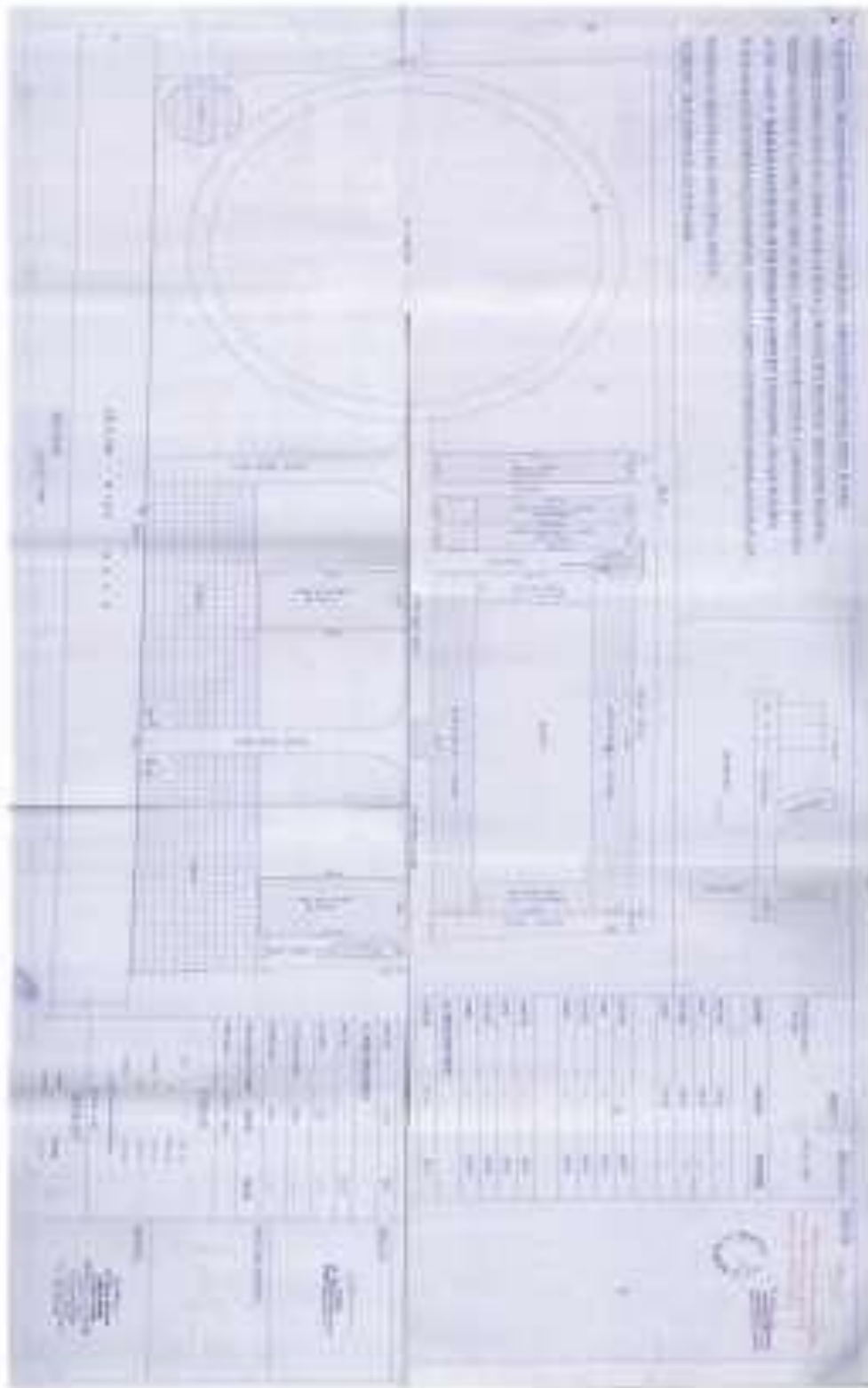


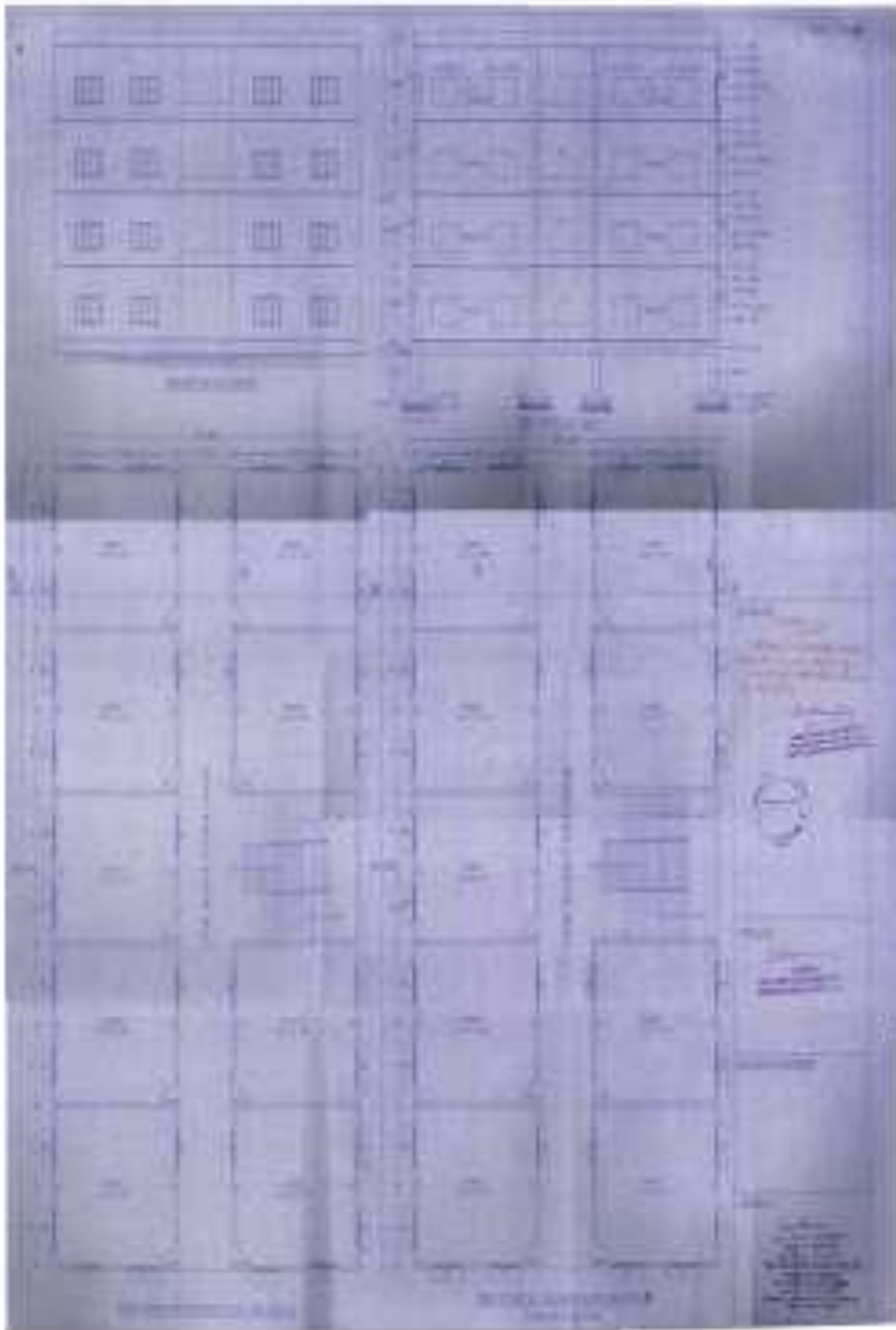












DECLARATION

KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES

Approved by AICTE, New Delhi / Affiliated to JNTUK, Nellore

Address: KKR & KSR Institute of Technology & Sciences, Reg. No. 402002, JNTUK, U.A.C.S.O., Peddummetla, Nellore, Andhra Pradesh-524 002

KITS

Declaration by the Head of the Institution

I certify that the data included in this Self-study Report (SSR) are true to the best of my knowledge. This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced. I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Place: Vijayanagara
Date: 19-03-2016



Signature of the Head of
the institution with seal
PRINCIPAL

KKR & KSR Institute of Technology & Sciences
Vijayanagara, GUNTUR-52.

COMPLIANCE

KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES

Approved by AICTE, New Dehli | Affiliated to JNTUK, Kakinada

(Sponsored by GSR & KKR Educational Society. Regd No: 448/2007, dated: 15.10.2007, Registered under Society Registration act 35 of 2001.)



Dr. P. Babu M.E., Ph.D
Principal

College Code: JR

Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that **KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES** fulfils all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

(Dr. P. Babu)

Principal/Head of the Institution
(Name and Signature with Office seal)

Date: 18.04.2016
Place: GUNTUR