INSTITUTIONAL ACCREDITATION
SELF STUDY REPORT

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

An Autonomous Institution of the University Grants Commission
P.O. Box No.1075, Nagarbhavi
Bangalore - 560072

by

Usha Rama College of Engineering & Technology

(Approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada)
Telaprolu (PO), Ungutur (Md), Krishna (Dt).
Vijayawada 521 109, Andhra Pradesh
www.usharama.com

USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY

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

NH5, Telaprolu, Near Gannavaram,   Krishna Dist - 521 109. A.P., INDIA
Website : www.usharama.com   E-Mail : principal@usharama.com

Track Id — APCOGN26201   Date : ....

URCET/NAAC/2015-16/02   Dt: 29-04-2016

To The Director,
National Assessment and Accreditation Council
P.O.Box No. 1075, Nagabhavi,
Bengalore- 560072.

Sir,

     Sub: NAAC - Accreditation - Submission of Self Study Report.

     Ref: 1. LoI acceptance mail received from NAAC - dt: 20-04-2016.
              2. SSR Uploaded in the College website and letter sent to NAAC, dt: 29-04-2016

We submitted the LoI on 02-04-2016 for accreditation and the same was accepted by NAAC vide reference (1). The Self Study Report for NAAC Assessment and Accreditation (Cycle 1) was uploaded on 29-04-2016 vide reference (2).

In continuation of the above, we are submitting the hard and soft copies of the SSR of our Institute along with the demand draft for Rs.3,43,500/- for your kind perusal and favourable action.

Thank you,
Yours faithfully,

Principal

Encl: 1.   SSR - 5 copies (hard and soft copies)
      2.   Demand draft for Rs.3,43,500/- drawn from Axis Bank, Gannavaram Branch,
          bearing No.000497 dt 28-04-2016

PRINCIPAL
USHA RAMA COLLEGE OF
ENGGINEERING & TECHNOLOGY
TELAPROLU-521 109.

Contents

Preface

History of an Institution is reflected by the history of individuals who dedicate their precious time, finances and energy for building it over the years. When technical education was very expensive and not within the reach of a common man, a group of eminent educated people, with a noble vision and mission of imparting value based technical education of high standards, established the "Usha Rama Educational Academy " in the year 2008 in the present capital city of Andhra Pradesh, Vijayawada. "Usha Rama College of Engineering and Technology" (URCET) had its humble beginning on 24th July 2008 under the auspicious of this society. URCET aims to stand out as an institution of excellence in technical education and in moulding individuals for outstanding calibre and character. The institute aspires to train the students to become quality engineers with high standards of professionalism and ethics having positive attitude and perfect blend of technical and managerial skills.

The Institute started in 2008 with undergraduate courses in 4 engineering disciplines. Now, URCET offers undergraduate courses (B.Tech) in 6 disciplines (Computer Science Engineering, Information Technology, Electronics and Communication Engineering, Electrical & Electronics Engineering, Mechanical Engineering & Civil Engineering), and 4 postgraduate programs (M.Tech.) in thrust areas like Computer Science Engineering, VLSI & Embedded Systems, Structural Engineering and Machine Design.

The institute has highly qualified and motivated faculty members who are actively involved in research and are constantly associated with practicing engineers. This institute has seen a growth in strength from 240 in the year 2008 to 2460 students in the academic year 2015-16. The departments have well equipped laboratories with facilities for experiments and studies in areas like Flexible Manufacturing Systems, Biomass Gasification, Fluidized Bed Combustion chamber, Material Testing, CAD/CAM, CMM, Rapid Prototyping, Digital Signal Processing, High Voltage Engineering, VLSI and advanced surveying instrument like Total Station. The institute has received funds to the tune of 42 lakhs from central government agency DST for modernization of the establishment of research laboratory facility and for research work in Nano Technology and system optimization of variable speed drive (VSD) using coupled simulation.

The institute has a very well established computing facility. The campus has a full-fledged 10/1000 Mbps network with OFC backbone and 50 Mbps internet link. The Institute's library is another attraction with 4080+ titles and 17000+ volumes. Number of national and international technical journals subscribed amounts to more than 135 with around 600 e-journal subscriptions. The institute has a very strong Industry-Institute Partnership Cell. URCET has entered into MoU with Multinational Companies, like IBM, Microsoft, Oracle, Tata Technologies, Intel and SAP Labs for implementing various activities for improving student competency and employability.

Executive Summary - Strength Weakness

Opportunities Challenges (SWOC) Analysis

Executive Summary

Usha Rama Educational Academy's "Usha Rama College of Engineering and Technology" (URCET) is a self-financing Engineering Institution established in the year 2008 with the aim of inculcating quality education to students and produce young technocrats having good knowledge. URCET is patronised by Chicago based MNC Advansoft group. The management comprises of a team of professionals in Academics, Management and Industry, and is dedicated to creating an Institution imparting quality education. URCET is approved by the All India Council for Technical Education (AICTE), New Delhi, permitted by the Government of A.P, and is affiliated to Jawaharlal Nehru Technological University (JNTU), Kakinada, A.P. The Administration and Academics at URCET is well supported by a Governing body and an Academic Advisory Council consisting of eminent academicians, professors and Industrial experts with decades of experience in premier Institutions.

The Institute started with undergraduate courses in 4 Engineering disciplines with a total intake of 240 and total staff strength of 50 in the year 2008. Now, it offers under graduate courses in 6 disciplines, and postgraduate courses in 4 engineering disciplines. The total faculty strength has grown to 180+ and the student strength to 2460 as on today. Accordingly, the infrastructure has also seen tremendous growth in pace in terms of student strength, staff and faculty strength and addition of new courses. URCET is a reputed self-financing college in the Krishna District of Andhra Pradesh, which is known for its academic standards, discipline and holistic approach in terms of co-curricular, extra-curricular and extension activities along with an impressive placement record. On the research front, faculty have been publishing papers in peer reviewed National and International journals with impact factors and presenting papers in reputed conferences in India and abroad. Work on funded research projects from Department of Science & Technology (DST) to a tune of Rs. 42 lakhs is now in progress.

The college has a total of 30087 sq.mts. of built-up area providing adequate infrastructure on picturesque land of 12.67 acres. The College has a cluster of beautiful and spacious buildings architecturally built to resemble the alphabets U & R with aerial view, with state of art laboratories, class rooms, aauditorium and play ground. A combined 555 kVA capacity generator provides power back-up facility. A hygienic canteen, ATM, dispensary and book stall are available within the campus. Separate hostels are provided within the campus for boys and girls with capacities of 200 each. The college provides adequate sports facilities with a multi-station gym and courts for volleyball, football,

tennis, ball badminton and enough play-field for cricket. The performance of students in extracurricular and sports add glamour to the academic laurels they bring to the institution.

The college library is well placed with 4080+ titles of books and 17,000+ volumes. A total of 138 print and 600 online journals (by IEEE, Springer, Science-Direct etc,) are available. A digital library with a good collection of online resources is at the disposal of students and faculty.

The administration is decentralized across the departments and among cadres. The Principal is supported by seven HoD's who look after administration, academic affairs of UG, & PG, Industrial Relations & Sponsored Research, Infrastructure & Planning, Placements & Parent Relations, and Student Affairs. Heads of the Departments closely monitor the academic and administrative functioning of their branches and keep the Principal updated with relevant information.

An Internal Quality Assurance Cell is established to monitor the quality of implementation of academic programmes effectively. The Placement Cell is actively facilitating opportunities for all eligible students to get placed through campus drives. On an average 70% of the eligible students are placed over the past four years during varied market demands. The Entrepreneur Development Cell (EDC) and Industry Institute Partnership Cell (IIPC) have been functioning to guide some of the students to become self employed and be job providers..

The college signed MoU's with MNC's like IBM, Microsoft, Intel, SAP Labs, Oracle and Tata Technologies to organize enrichment and quality enhancement programmes for both students and faculty. These programmes provide an exposure to the intellectual and pragmatic demands of the outside world.

Slow learners among the students are identified during their entry and the required academic support is extended to make up the gap. At the same time fast learners are encouraged to participate in academic and technical competitions to exhibit their talents and are suitably rewarded.

To bridge the gap between academic and industrial practices and to make the students industry-ready, several concepts on the lines of a finishing school are initiated through IBM Centre of Excellence, Microsoft Innovation Centre, Oracle, Intel-Embedded Systems Laboratory and so on to train students in hardware and software related aspects and to make them better employable.

To nurture and bring out the talents by catching them young, students from first year are involved in activities beyond the curriculum through a structured approach. The extension activities on campus are noteworthy, supported by a well established NSS unit. Apart from the NSS unit, students form voluntary groups and take up activities of societal concern in the neighbourhood.

Eminent people from different walks of life are invited to deliver talks on different facets of human endeavours.

Several faculty recharge programmes are held during the last four years. Faculty attend FDPs regularly. The departments organize guest-lectures and workshops every year. Faculty members are provided with benefits like gratuity, medical leave, academic leave, maternity leave for women faculty and staff, special leave for marriage alongside the earned leave.

Towards green initiatives, the college laid special emphasis on greenery by maintaining green cover under the supervision of a qualified and experienced horticulturist.

Vision of Usha Rama College of Engineering & Technology

The Vision of Usha Rama College of Engineering & Technology is to become pioneer Institute in Education and Research.

Mission of Usha Rama College of Engineering & Technology

The Institute's mission is to confer the best technical education to students with commitment to enable the students to face the challenging environment and cut-throat competition in the global world.

URCET has the vision of becoming one of the leading institute in the field of higher education and technology in India. URCET focus on research and education as the twin goals of the organization. Faculties are well qualified, motivated and are able to advance with both ideas and technological developments in their fields which would benefit the society and nation as a whole.

The Unique Practices at URCET are:

- Emphasis on continuous evaluation
- Communication skills
- Modern Electives with pre-requisites
- Learner centric system
- Emphasis on analytical
- Choice Based Credit System
- Industrial Case studies & Mini Modeling
- Re-examination within month
- Open ended experiments
- Soft skill training
- Self study based on ICT
- Activity based learning

- Psychological Counseling
- Quality enhancement in engineering education through active industry relations and offerings like **IBM** Career Education Program, **ORACLE** Workforce Development Program, Platinum level association and Certification through Microsoft Ed-Vantage, Foundation for Innovation and Collaborative Education offered by Intel®, **Intel** ® College Excellence Program, **SAP** University Competence Centre, and Tata Technologies Lab.
- Most of the content delivered is on latest trends so flexibility to teachers and students.
- Teacher Assessment Examination (TAE) through quizzes, seminars, assignments.

SWOC Analysis

Methodology:

A SWOC Analysis was carried out internally with the help of few advisors keeping in view the vision map of the institution. The HoDS, Coordinators, Faculty and Students were interviewed and a report on the findings was prepared. The SWOC analysis was conducted by having brainstorming sessions at the department level and institute level involving all stake holders.

The SWOC analysis has been conducted by taking the following inputs into consideration:

1. Faculty Interaction
2. Students' feedback
3. Alumni feedback
4. Industry feedback
5. Parents-Teachers meeting feedback
6. Feedback of Administrative staff
7. Feedback of Non teaching staff
8. Feedback reports of the committees from University.
9. Analysis of results of past years.

The inputs provided by various stakeholders were categorized into different groups such as general observations, resources, academics, policies and administration, R&D, Industry-Institute interaction, co-curricular and extra-curricular activities, Alumni and Training and Placement.

SWOC Analysis

Strengths:

- URCET is one of the well established; engineering institution in Andhra Pradesh offering UG, and PG programmes and affiliated to JNTUK, Kakinada.

- Progressive Management with a positive attitude.

- Qualified and experienced faculty with good retention in all departments.

- Meritorious students with good academics prefer the institute for admission.

- Good Computing and Internet facilities. The campus is Wi-Fi enabled.

- The institute has good library and provides access to books, journals, magazines, news papers and also has subscription to online journals.

- The institute is located in the vicinity of the industrial area of the city and is very well connected by road, rail and near to the airport (10 Km).

- The institute is well recognized by major industries/employers and is well reflected in companies visiting the campus for placement. Major industries such as I-net solutions, Genpact, Mphasis, Eider Motors, Polaris, Corpone, Max Group, Export Soft, Infosys, Virtusa etc., visit college for campus recruitment.

- Large numbers of students participate in co-curricular & extracurricular activities in the institute and also in other institutes. The institution has active student chapters of IEEE, CSI and all branches have student associations. Many activities have been taken on the social issues with the techno-managerial embedment.

- The R&D cell has an exclusive budget for research activities resulting in faculty participation/ publication of their research work at national & international level and efforts to patent new ideas. Funded research projects from Department of Science & Technology (DST) to a tune of Rs. 42 lakhs is now in progress .

- The institute provides a learning environment to develop the academic as well as professional skills of the students. OBE enabled effective teaching-learning system being practiced with full commitment.

- The institute has initiated e-administration, online feedback system targeted towards continuous improvement.

- The institute has a strong Alumni base with large number of alumni having occupied good positions in the country and abroad.

- The institute has established Industry Institute Partnership Cell.

Weaknesses:

- Lack of flexibility for making changes in curriculum as per industry requirements as the institute is affiliated to JNTUK University.
- The fees collection being the only major source of revenue generation puts constraint on undertaking large investment and up gradation projects.
- Limited opportunities for the faculty members to undertake research projects and consultancy assignments.
- Professional training in tune with new trends and technologies is yet to gear up.
- Limitations on National/ international Institutes tie-ups.
- The transition from input based education to outcome based learning is under progress.
- Need to use new technologies like Cloud along with high end ERP solution.
- More efforts needed for better industry-institute partnership, building entrepreneurs and incubating start-ups.
- Little funding received from the Government agencies for infrastructure/ research upliftment.

Opportunities:

- Seeking autonomous status from the University in order to improve the academics with proper updates and quality of education based on OBE system.
- Accreditation from NAAC and NBA in order to ensure good quality in teaching-learning system.
- Tie up with foreign universities, research laboratories and the institutes of national importance for academic & research purposes.
- Establishing Centres of Excellence in key technology areas.
- New avenues of getting support in terms of Research grants and technology from the funding agencies as well as industries.
- Contributing to the Nation by participating with industries and government agencies through consultancy assignments.
- Moulding the students with the international exposure coupled with competitive preparedness through related examinations, conferences, training sessions, internships and visits.

Challenges:

- Establishment of National Institutes like IIT's and NIT's providing better features and benefits to the students leading to stiff competition.
- Government's proposed policy to allow foreign universities to set up their campuses in India.
- Higher faculty/staff attrition rate due to increased number of institutions.
- Declining emotional quotient of the students.
- Difficult to attract bright faculty because of better opportunities in industries and trend of migrating to metro cities.
- Change in government's policies regarding admissions and fee structure.

Strategic plan for Institutional Development based on SWOC analysis

Based on SWOC analysis, the following strategies are planned to enhance teaching learning process, improving employability of the students at both UG and PG.

1. More emphasis on Outcome Based Education

2. Offer scholarships to attract talented students to gain competitive advantage

3. Improvement in academic performance by achieving Autonomy

4. Enhancing faculty skills through FDP and continuing education programme.

5. Encourage faculty to participate in technical events and publication their work

6. Equip labs with more modern technical setup to be in-tune with the rapidly changing technologies

7. Conduct remedial classes to weak students

8. Enhancing the library resources with e-access and more subscriptions with improved infrastructure.

9. Promote entrepreneurship ventures and consultancy projects by meritorious students under the guidance of teachers, alumni and industry experts

10. Strengthen Industry Institute Partnership Cell & Improved Industry collaboration.

11. Add more effectiveness for Career Guidance, Training and Placement activities and train the students as per the industry needs.

12. Improve soft skills and leadership qualities to students through experiential learning

13. More opportunities for students to get engaged with the core as well as service industry sectors through internships and projects (for UG and PG students) and Improving employability.

14. Emphasis on industry and research based projects more relevant to the local requirements

15. Promote interaction with premier institutions to enhance and scaling up R&D and Collaborative Research activities.

16. Organizing interactive sessions for faculty members and students with alumni and industry experts about latest technological developments and Creation of Modern Teaching Ambience

17. Initiating various Community Development programmes

18. Environmental protection and green campus activities

19. Enhancing the system performance by staff training and office automation

Profile of the Instituton

1. PROFILE OF THE AFFILIATED COLLEGE

1. Name and Address of the College:

Name	Usha Rama College of Engineering & Technology
Address	Telaprolu (Po), Ungutur (Md), Krishna (Dt).
	City : Vijayawada Pin : 521 109 State : Andhra Pradesh
Website	www.usharama.com

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr V Rajesh	O: R:	9177712255 9502416254		principal@usharama.in
Vice Principal	Dr A Madana Mohana Rao	O: R:	9177412255 9440495701		viceprincipal@usharama.in
Steering Committee Coordinator	Mr YVVN Varaprasad	O:	9848399285		ithod@usharama.in
	Mr.M.Samba Siva Rao	O:	9848209419		csehod@usharama.in

3. Status of the Institution:

Affiliated College   :   ☑

Constituent College   :   ☐

Any other (specify)   :   ☐

4. Type of Institution:

a.   By Gender

    For Men   :   ☐

    For Women   :   ☐

    Co-education   :   ☑

b.   By Shift

    i.   Regular   :   ☑

    ii.   Day   :   ☐

    iii.   Evening   :   ☐

5. **It is a recognized minority institution?**

Yes : ☐

No : ☑

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

6. **Sources of funding:**

Government : ☐

Grant-in-aid : ☐

Self-financing : ☑

Any other : ☐

7. a. **Date of establishment of the College:** 24-07-2008

b. **University to which the college is affiliated/or which governs the college** (If it is a constituent college)

Jawaharlal Nehru Technological University Kakinada, Kakinada

c. **Details of UGC recognition:**

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	NA	NA
ii. 12 (B)	NA	NA

d. **Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)**

Under Satutory/ Authority	Recognition/Approval details Institution/Department Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
AICTE, New Delhi	First Approval: B.Tech/ M.Tech Latest Approval: for B.Tech/ M.Tech	24/07/2008 05/04/2016	2016-17	File No: south-central/1-2813927771/2016/EOA
JNTUK University, Kakinada	First affiliation: B.Tech/ M.Tech Latest affiliation: for B.Tech/ M.Tech	30/10/2008 04/04/2016	2015-16	Lr.No:DAP/B1/ Usha Rama CET/NAAC/ 2015-16

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

  Yes : ☑

  No : ☐

If yes, has the College applied for availing the autonomous status?

  Yes : ☐

  No : ☑

9. **Is the college recognized?**

  a. by UGC as a College with Potential for Excellence (CPE)?

  Yes : ☐

  No : ☑

  If yes, date of recognition:

  b. for its performance by any other governmental agency?

  Yes : ☐

  No : ☑

  If yes, Name of the agency …………………… and

  Date of recognition: …………………… (dd/mm/yyyy)

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

Location *	**Rural**
Campus area in sq. mts.	51273.67
Built up area in sq. mts.	30087.4

(* 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:**

  Yes: ☑ No : ☐

  • **Sports facilities**

  ∗ Play ground Yes: ☑ No: ☐

  URCET has Basket Ball Court of 32 x 19 sq. m. with lighting facility. Students are provided with training by a well trained coach during the prescribed hours. Out students have good record in championships.

URCET has well equipped Volley Ball, Badminton, Shuttle and Tennicoit courts to facilitate the students for successful practice.

URCET has a Cricket field of 65 meter radius. The students are provided with complete cricket kit for their practice and participation to achieve success in the field.

* **Swimming pool**   Yes: ☐   No: ☑
* **Gymnasium**   Yes : ☑   No : ☐

- **Hostel**
  * **Boys' hostel**

    Number of hostels   Yes : ☑   No : ☐

    Number of inmates   98

    Facilities (mention available facilities)

    Wi-Fi, Medical Facilities, Power Backup, General store, Canteen, TV Hall, T.T. Room, etc.

  * **Girls' hostel**

    Number of hostels   Yes : ☑   No : ☐

    Number of inmates   71

    Facilities (mention available facilities)

    Wi-Fi, Medical Facilities, Power Backup, General store, Canteen, TV Hall, etc.

  * **Working women's hostel**

    Number of hostels   Yes : ☐   No : ☑

    Number of inmates

    Facilities (mention available facilities)

    Wi-Fi, Medical Facilities, Power Backup, General store, Canteen etc.

    Residential facilities for teaching and non-teaching staff (give numbers available — cadre wise) Yes : ☐   No : ☑

    Cafeteria –   Yes : ☑   No : ☐

    Health centre –   Yes : ☑   No : ☐

    First aid, Inpatient, Outpatient, Emergency care facility, Ambulance ……. Health centre staff –

    Qualified doctor   Part-time

    Qualified Nurse   Full-time

1.	Facilities like banking, **post office**, **book shops**	Yes	√	No
2.	**Transport facilities** to cater to the needs of students and staff	Yes	√	No
3.	Animal house	Yes	No	√
4.	**Biological waste disposal**	Yes	No	√
5.	**Generator** or other facility for management/regulation of electricity and voltage	Yes	√	No
6.	Solid waste management facility	Yes	No	√
7.	Waste water management	Yes	√	No
8.	Water harvesting	Yes	√	No

Facilities like banking, post office, book shops: ATM and Book Shop are available. The college has 17 owned Busses for transporting staff and students and 04 light vehicles available in the College.

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

The campus is powered with a 33/11 KVA of electricity exclusive sub-station from AP State Electricity Board. The independent feeder line has also been installed and commissioned. The college also has 3 diesel generators with a capacity of 125 KVA, 180 KVA and 250 KVA connected to different complexes. These provide stand-by generating capacity to meet entire requirements of the campus including labs.

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

SI. No	Programmme Level	Name of the Programme / Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
1.	Under-Graduate	B.Tech	4 years	Inter	English	Total 2460	Total 1821
2.		B.Tech (CSE)	--do--	--do--	--do--	480	395
3.		B.Tech (ECE)	--do--	--do--	--do--	600	520
4.		B.Tech (EEE)	--do--	--do--	--do--	240	161
5.		B.Tech (Civil)	--do--	--do--	--do--	420	270
6.		B.Tech (ME)	--do--	--do--	--do--	480	378
7.		B.Tech (IT)	--do--	--do--	--do--	240	97
8.	Post-Graduate	M. Tech	2 years	B. Tech. / Equivalent	English	192	111
9.		M.Tech (CSE)	--do--	--do--	--do--	36	22
10.		M.Tech (VLSI & ES)	--do--	--do--	--do--	36	23
11.		M.Tech (MD)	--do--	--do--	--do--	48	10
12.		M.Tech (Stuct. Engg)	--do--	--do--	--do--	72	56

13. **Does the college offer self-financed Programmes?**

Yes : ☑   No : ☐

If yes, how many? All B.Tech & M.Tech

14. **New programmes introduced in the college during the last five years if any?**

Yes : ☑   No : ☐   Number : 4 (M.Tech)

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
Science	N/A	N/A	N/A	N/A
Arts	N/A	N/A	N/A	N/A
Commerce	N/A	N/A	N/A	N/A
Engineering	Electronics & Communications Engineering, Computer Science Engineering Mechanical Engineering Civil Engineering	B.Tech	M.Tech	N/A
	Information Technology Electrical & Electronics Engineering	B Tech	N/A	N/A
Management	N/A	N/A	N/A	N/A
Computer Applications	N/A	N/A	N/A	N/A

16. **Number of Programmes offered under** (Programme means a degree course like BA, BSc, MA, M.Com…)

Annual system | N/A |

Semester system | 2 |

Trimester system | N/A |

17. **Number of Programmes with**

    a.   Choice Based Credit System | 2 |

    b.   Inter/Multidisciplinary Approach | N/A |

    c.   Any other (specify and provide details) | N/A |

18. **Does the college offer UG and/or PG programmes in Teacher Education?**

    Yes : ☐   No : ☑

If yes,

    a.   Year of Introduction of the programme(s) ……(dd/mm/yyyy) and number of batches that completed the programme

    b.   NCTE recognition details (if applicable)

        Notification No.: ……………………… Date: …………… (dd/mm/yyyy) Validity: ………………………

    c.   Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

        Yes : ☐   No : ☑

19. **Does the college offer UG or PG programme in Physical Education?**

    Yes : ☐   No : ☑

If yes,

    a.   Year of Introduction of the programme(s)………………. (dd/mm/yyyy) and number of batches that completed the programme

    b.   NCTE recognition details (if applicable)

        Notification No.: …………… Date: ……………… (dd/mm/yyyy) Validity:……………………

    c.   Is the institution opting for assessment and accreditation of Physical Education Programme separately?

        Yes : ☐   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
Sanctioned by the UGC / University / State Government *Recruited*	--	--	--	--	--	--	--	--	--	--
Yet to recruit	--	--	--	--	--	--	--	--	--	--
Sanctioned by the Management/ society or other authorized bodies *Recruited*	18	0	34	6	93	29	147	41	29	8
Yet to recruit	--	--	--	--	--	--	--	--	--	--

*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							
D.Sc./D.Litt.	0	0	0	0	0	0	0
Ph.D.	18	0	0	0	0	0	18
M.Phil.	0	0	4	2	6	4	16
PG	0	0	31	3	83	29	146
Temporary teachers							
Ph.D.	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0
Part-time teachers							
Ph.D.	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0

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

- NIL -

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

Categories	2015-16		2014-15		2013-14		2012-13	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	28	16	26	12	16	6	31	8
ST	1	0	3	0	0	1	1	0
OBC	92	58	94	41	51	28	121	43
General	208	149	249	104	219	59	198	86
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	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	507	45	0	0	0
Students from other states of India	0	0	0	0	0
NRI students	0	0	0	0	0
Foreign students	0	0	0	0	0
Total	**507**	**45**	**0**	**0**	**0**

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

UG Nil   PG Nil

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. 44687**

(b)   Excluding the salary component   **Rs. 21782**

27. **Does the college offer any programme/s in distance education mode (DEP)?**

         Yes : ☐   No : ☑

If yes,

a)   Is it a registered centre for offering distance education programmes of another University

         Yes : ☐   No : ☑

b)   Name of the University which has granted such registration.

c)   Number of programmes offered

d)   Programmes carry the recognition of the Distance Education Council.

         Yes : ☐   No : ☑

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

EEE	1:15
ECE	1:14.7
CSE	1:14.6
MECH	1:14.6
CIVIL	1:14.4
IT	1:15
S&H	1:15

29. **Is the college applying for Accreditation :**

Cycle 1 ☑ Cycle 2 ☐ Cycle 3 ☐ Cycle 4 ☐

Re-Assessment:

(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)

Cycle 1: ……………… (dd/mm/yyyy)
Accreditation Outcome/Result………...

Cycle 2: ……………… (dd/mm/yyyy)
Accreditation Outcome/Result………...

Cycle 3: ……………… (dd/mm/yyyy)
Accreditation Outcome/Result………...

* Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.

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

293

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

(Teaching days means days on which lectures were engaged excluding the examination days)

192

33. **Date of establishment of Internal Quality Assurance Cell (IQAC) IQAC**

09/11/2015

34. **Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.**

    AQAR (i)   ………………. (dd/mm/yyyy)

    AQAR (ii) ………………. (dd/mm/yyyy)

    AQAR (iii)………………. (dd/mm/yyyy)

    AQAR (iv) ………………. (dd/mm/yyyy)

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

    - URCET is the First college in South India and the only engineering college in AP to have Tata Technologies-Centre of Competence,
    - URCET has IBM Career Education Training Programmes and IBM SWET Lab
    - URCET has Oracle Work Force Development Programme
    - URCET has Microsoft Ed-Vantage Platinum Campus, SAP Centre of Excellence and Intel Education.
    - URCET is the only engineering college under JNTUK, which implements the WORK-STUDY Programme with Mini Project concept with regular schedule beyond curriculum.
    - URCET is one among a few engineering colleges established in the year 2008 to go for faculty ratification by JNTUK.
    - URCET is one among a few engineering colleges under JNTUK to have two Centres of Excellence (CoE) in the field of SAP and Tata Technologies.
    - URCET is only the engineering college under JNTUK, which was established in 2008 having Sponsored Research Projects from DST.
    - More than 80% of the students graduated with 1st Division / Distinction during 2014-15.
    - Students of URCET have achieved recognition in sports through winning **3 Gold Medals – 1 Student National Olympics**, **1 Student State Olympics in Badminton** and **1 Student State Olympics in Cricket in 2015-16**.
    - Student of URCET namely Mr V. Mukesh (2011-2015) has secured Gold medal for achieving **Academic Topper** from JNT University, Kakinada.
    - Free coaching offered to students for GATE, GRE, TOEFL and other competitive examinations.

- Recognised TCS Centre for Online Examinations of GATE, JEE, IBPS, etc. and TCS Off-Campus drives.

- URCET is only engineering college having Special Team of students working beyond college hours and doing Research Projects in the form of consultancy for industry and absorbing by the industry concerned after successful completion of their degree.

- URCET is first engineering college under JNTUK, established in 2008 having Registered IEEE student chapter.

- URCET is only engineering college under JNTUK, established in 2008 having Air-conditioned Class Rooms since inception.

- URCET is only engineering college in Andhra Pradesh and Telangana States, won its student bagged 1st place in Radio Mirchi 98.3 FM Campus Rock Star Dance Competition.

- URCET is only engineering college under JNTUK having registered with National Skill Development Corporation, A.P. State Skill Development Corporation and Confederation of Indian Industry.

- Ms. Anusha Uppelli, Assistant Professor of Mathematics received "Pratibha Award 2015" from Sri N.Chandra Babu Naidu, Honourable Chief Minister of Andhra Pradesh at a special award function conducted at Tirupati on 14th November 2015. This award is given to her for academic proficiency in Mathematical Sciences.

Criterion I

Curricular Aspects

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 of Usha Rama College of Engineering & Technology

The Vision of Usha Rama College of Engineering & Technology is to become pioneer Institute in Technical Education and Research.

Mission of Usha Rama College of Engineering & Technology

The mission is to offer the best technical education to students with commitment to enable the students to face the challenging environment and cut-throat competition in the global world.

"Usha Rama College of Engineering and Technology" (URCET) sponsored by "Usha Rama Educational Academy" is a self-financing Engineering Institution established in the year 2008 with the aim of inculcating quality education to students and produce young technocrats having good knowledge. The institute has shown a progressive growth in last 8 years. URCET has seen a growth in student's strength from 240 in 2008 to 2460 in the academic year 2015-16. Presently it offers 6 UG (B.Tech) programs, 4 PG (M.Tech) programs. It has a good alumni base with some of them being talented professionals in India and abroad. Many of our students are placed in the local and MNC companies in India and abroad.

Quality Objectives: Following are the quality objectives of the institute:

- Improvement of Examination Results
- Enhancement of Participation in learning process
- Enhancing Personality of Students
- Betterment of Library Facilities
- Betterment of placement of students

The Mission and Vision of the Institute are published at:

- College website http://www.usharama.com
- Display at the Principals Office
- Display at department office,
- Display at Library, Notice boards

- Display at HoD Office
- Display at the Training and Placement Office
- Student prospectus and assignment books
- Mission and Vision is disseminated to all the stakeholders through faculty meetings, student awareness workshops, student induction programs, and parent meetings.

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).

URCET is affiliated to Jawaharlal Nehru Technological University, Kakinada, Andhra Pradesh.

- Institute follow the curriculum as prescribed by the JNT University.
- The academic calendar provided by the University is followed.
- The academic and other activities are planned for the semester and a calendar of events is prepared by the institute also.
- At the beginning of the semester the faculty members prepare the lesson plan for their respective subjects.
- As per the scheduled dates of academic calendar, internal/ end semester examinations for students are conducted in each semester.
- For the weaker category of students, remedial classes are conducted for different subjects.
- For the laboratory classes, in addition to the lesson plan, lab manuals are prepared for each subject by the faculty and distributed to the students.
- Industrial visits are arranged to bridge the gap between theoretical knowledge and real life scenario. Vijayawada is well known for automotive and power generation industries. Department of Mechanical Engineering and Electrical Engineering arrange visit to these industries so that the students are exposed to the real world of manufacturing and energy production. Also, many of the final year projects are supported by the industries. Special lectures are conducted by inviting distinguished personality form eminent Universities/Institutes and Industries.

The institution has also developed various plans for effective monitoring of the curriculum. In this direction, the institution has developed an ISO monitoring system which is implemented at the departmental level. Under this model, finite processes are followed and effectively practiced.

Details of these processes are as follows:

- Every department has defined its specific Vision and Mission in tune with the institution Vision and Mission.

- Program Education Objectives (PEO's) are formed in consultation with management, faculty members, students, technical staff, stakeholders (alumni, parents, employers etc). These are redefined from time to time on the basis of feedback received from various entities.

- Each program of the department is elaborated in terms of Program Outcomes which are aligned with graduate attributes. Furthermore Course Outcomes (CO'S) for every subject taught are formed by individual faculty members.

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?

Following procedural and practical support is provided by the institution and university for effective translation of the curriculum and improving teaching practices:

- Use of modern teaching aids like LCD-Projector, digital board, wireless audio systems, green board etc for conducting classes.

- Each faculty member has an ISO file which contains detailed notes, previous year question papers that are distributed and discussed with students at length. To supplement this process, tutorials are conducted on weekly basis to rectify any gaps in understanding.

- The JNTUK University and URCET conducts various FDP's from time to time both at institutional and departmental level for upgrading the technical knowledge of faculty members as per current trends in technology. Many innovative orientation programs are conducted in the institute to improve the skills of the faculty.

- Digital library, E-learning facilities are provided to all the faculty members of the institution which help them in preparing teaching material and delivering learning centric lectures.

- The institution has provided an internet lab with sufficient number of terminals. Besides this there is a central library which has abundance of books and sufficient volume of journals, technical magazines etc. Apart from this every department has its own library.

- Wi-Fi and Internet facility is available throughout the campus for connectivity in teaching learning process.

- The institution approves the budget requested by a particular department. Requirements related to procurement of equipment and components to enhance the quality of labs are readily approved by the administration.

- The institution has procured software which includes a complete course package having two/ three dimensional audio-video representations of various difficult to understand topics to be taught by a faculty member. This improves the overall understanding of the students.

- Interaction with industries and R&D Institutions by the teachers is encouraged to enhance the practical knowledge of the teachers to transform the students as industry ready professionals.

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 institution is making following special efforts for the professional development of its faculty to facilitate effective curriculum delivery:

- Detailed lecture-wise schedule and course material like hand written notes and pts are prepared by the faculty for the subject allotted to them.

- Modern teaching aids such as LCD projectors with computer connectivity and audio-systems with microphone are provided in every classroom. Institution has spacious, ventilated class rooms with modern teaching equipment's for effective teaching-learning process.

- The attendance registers are inspected closely and thoroughly by the head of the department once in a month to check teaching schedules and number of lectures delivered.

- Regular meetings are conducted by the HoD with the faculty members to ensure coverage of topics as per syllabus.

- Faculty is encouraged to pursue Ph.D. programs and take up the research work individually or in collaboration for improving their professional skills. Study leave is extended to faculty members who wish to pursue PhD programs

- The faculty members of various departments are encouraged to participate in National/ International Conferences, Seminars, Training Programs, and also to organize National /International Conferences. Also, faculty members are encouraged to publish their research findings in National and International journals with high impact factor. Faculty members and students are also

motivated to take up research work in the emerging areas and present papers in seminars, conferences and journals.

- Self-learning mode, modules with Computer Based Training and CDs are available in library which enhances the knowledge bank of the faculty members. Additional initiatives taken by the institution for effective curriculum delivery are listed below:

  1. Virtual labs

  2. Video lectures and presentation with NPTEL

  3. Department Library and a well maintained Central Library with access to e-books and journals of international repute.

  4. Software Development Centre for "*Special Team*" and various Centers established under MoU's with MNC's like IBM, Microsoft, Intel, SAP Labs, Oracle and Tata Technologies provides opportunities to students to get industry relevant trainings and competence building beyond curriculum.

- The institute regularly updates the laboratory facilities to comply the requirements of the curriculum.

- High speed LAN, Wi-Fi network and high speed internet connectivity have been provided to all the students and faculty members across campus and hostel.

- Students are motivated to undergo internship in various companies during their vacations.

- Students are encouraged to do innovative project work new upcoming technology areas of interest.

- Faculty members and students are encouraged to participate in various technical events conducted in and outside the institute.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the University ineffective operationalization of the curriculum?

- The college has set up a Training and Placement cell which maintains professional relations with the representatives of industry. Personalities from reputed industries and academic institutions are invited to the institute for delivering guest lectures and have interaction with the faculty members and students. The HR managers of various companies are invited to the college campus to interact with the students. Reputed industries are conducting campus recruitment drives on a wider scale.

- URCET has collaborations with organizations like IBM, Microsoft, Oracle, Tata Technologies, Intel and SAP Labs, which

- help the students for their project work and train them in latest technologies for improving their employability.

- Most of the faculty members are fellows of the professional bodies like IEEE, IETE, ISTE. They are regularly attending conferences, seminars, workshops etc offered by these bodies which in turn helps them in self growth and in turn disseminate to students.

- Students are encouraged to take up industry sponsored projects so that they can have interaction with the working professionals in the industry.

- The institute arranges industrial visits for students, so that, the students apart from getting hands on experience of the application of the theory studied by them, also learn about the various requirement that the industries expect from them.

- The college apart from financing in-house projects also actively encourages its faculty to apply/ obtain funded projects from various bodies such as AICTE, DST etc. This facilitates a constant interaction between research bodies and the college.

- Many of the departments provide curriculum feed back to the University. Hence, there is a continuous interaction between the faculty members of the institute and the university.

- Soft skill programs are conducted in each semester to enhance the employability of the students.

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, stake holder feedback provided specific suggestions etc.

Being an affiliated institution, the programme curriculum is framed by JNTUK. The syllabus undergoes modification from time to time in line with technological advancements. The University appoints several faculty members as members of Board of Studies /Syllabus committee / Syllabus revision committee. Once in four years the chairman of Board of Studies (BoS) calls for a meeting to bring changes in curriculum. The BOS includes JNTUK nominated members and representation from the industries. Suggestions from the affiliated colleges are invited to design the new curriculum. The University prepares the draft copy of the syllabus and sends it to the institutes. The syllabus is given to the respective faculty members. Suggestions from the department are sent to the University. BoS meeting is held to finalize the syllabus which is then circulated to the colleges.

1.1.7 Does 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.

No

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

All the academic programs although developed by the University are in line and in tune with the institutional goals and objectives. The curricula, prepared by the university, is delivered in consultation with the academicians and technical experts selected from industry, keeping in view the requirements of both the industry and society. This enables the graduates of URCET to fulfil the demands of the competitive market for employability both at national and international level.

In addition to the examinations conducted by the university, continuous evaluation of the students is the method adopted by the institute to ensure that the objectives of the curriculum are achieved. The process involves:

- Two Internal assessment tests are conducted during the semester
- Assignments are given to improve their analytical and problem solving skills
- Quiz based on the topics of the course is conducted.
- Subject proficiency test (Objective type questions) is conducted to test the level of proficiency in a given course understood by the students.
- Course Seminars are conducted for every subject where the students have to effectively present on the given topic and have to submit the seminar reports.
- Feedback from the current students and alumni
- Feedback from the industries where the students are undergoing internship and carrying out the projects
- Feedback from employers
- The Heads of the departments periodically review the progress in the syllabus and also the performance of the students.
- A regular feedback from the above, is used to assess the extent to which the Program Objectives are met. The important bodies of the institute such as governing body and academic committees take necessary corrective actions.

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.

The curriculum prescribed by JNTUK Kakinada is strictly followed by the institution. The institution is not authorized to conduct any certificate courses. However, in the interest of the students, the institution in association with industries and R&D organizations conduct foundation programs. Programs are offered by the institution to enrich skill development for placement in industries. In addition, job oriented training programs are offered to students in association with MNC's like IBM, Microsoft, Intel, SAP Labs, Oracle & Tata Technologies. Following objectives/goals are broadly followed by all departments across the institution:-

- To conduct one National Conference in an academic year.

- To conduct a workshop / training for faculty (inside or outside) once in a year.

- To organize at least one guest lecture every month in each semester.

- To motivate the students to go for higher qualification.

- To encourage faculty to attend workshops every year.

- To organize industrial visits for III & IV year students.

- To organize technical seminars for IV year students.

- To conduct national level technical meet for students under IETE students chapter.

- To ensure that more than 70% of students are placed in reputed companies.

- To ensure that the students participate in presenting papers.

- IBM training course

- Training course by Microsoft, Oracle, Tata Technologies, Intel and SAP Labs

- Entrepreneurship skill development programme conducted periodically to motivate students to become entrepreneur.

- Co-curricular and Extra-curricular activities are conducted by each department

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

No.

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 offers core curriculum in addition to the electives as prescribed by the university.

- The final year students can select elective papers of their choice that are listed in the syllabus.

- The institution also conducts laboratory classes wherein the student does laboratory experiments by himself. In addition to the prescribed experiments by the university, the institution also conducts experiments over and above the list provided by the university.

- Every student has to get the required number of credits both in core domain and other subjects as stipulated by the university. There is no provision for credit transfer and accumulation facility.

- All courses offered in the institution are in modular form and are further divided into sub-modules in the institution. Enrichment courses also offered by the institution by way of conducting seminars and workshops.

- Project Work, Mini Project, Seminar & Comprehensive Viva-Voce is compulsory in the final year of the B.Tech programme so that the students would acquire skills to solve problems independently. In each semester, viva-voce for labs is conducted. This serves as a reference platform for an appropriate project selection at the final year level.

- Institution also offers foundation courses, communication skills, soft skills that are beyond the scope of curriculum. This step is initiated by the institution to enhance the employability of students.

The detailed number of courses in the core subjects, laboratory and electives are shown in the following table:

As per JNTU Regulations 2013

Program	Semester / Year	Core, Laboratory & Elective Paper
B. Tech (Computer Science Engineering)	1st semester	6(T), 3(P)
	2nd Semester	6(T), 4(P)
	3rd Semester	5(T), 3(P)
	4th Semester	5(T), 3(P)
	5th Semester	5(T), 3(P)
	6th Semester	5(T), 3(P)
	7th Semester	4(T), 2(P), 2(E)
	8th Semester	1(T), 3(E), Project
B. Tech (Information Technology)	1ST Semester	6(T), 4(P)
	2nd Semester	6(T), 3(P)
	3rd Semester	7(T), 3(P)
	4th Semester	7(T), 3(P)
	5th Semester	7(T), 2(P)
	6th Semester	7(T), 2(P)
	7th Semester	4(T), 2(E), 2(P)
	8th Semester	1(T), 3(E), PROJECT
B. Tech (Electronics & Communications Engineering)	1st semester	6(T), 4(P)
	2nd Semester	6(T), 3(P)
	3rd Semester	6(T), 2(P)
	4th Semester	6(T), 2(P)
	5th Semester	6(T), 3(P)
	6th Semester	5(T), 4(P)
	7th Semester	4(T), 2(P), 2(E)
	8th Semester	2(T), 2(E), Project
B. Tech (Electrical & Electronics Engineering)	1st semester	6(T), 4(P)
	2nd Semester	6(T), 3(P)
	3rd Semester	6(T), 2 (P)
	4th Semester	6(T), 2 (P)
	5th Semester	7(T), 2 (P)
	6th Semester	6(T), 2 (P)
	7th Semester	4(T), 2(E) 2 (P)
	8th Semester	1(T), 3 (E), Project

Program	Semester / Year	Core, Laboratory & Elective Paper
B. Tech (Mechanical Engineering)	1st semester	6(T), 4(P)
	2nd Semester	6(T), 3(P)
	3rd Semester	7(T), 3(P)
	4th Semester	7(T), 3(P)
	5th Semester	7(T), 2(P)
	6th Semester	7(T), 2(P)
	7th Semester	4(T), 2(E), 2(P)
	8th Semester	1(T), 3 (E), Project
B. Tech (Civil Engineering)	1st semester	6(T), 3(P)
	2nd Semester	6(T), 5(P)
	3rd Semester	6(T), 2 (P)
	4th Semester	6(T), 3 (P)
	5th Semester	6(T), 3(P)
	6th Semester	6(T), 2(P)
	7th Semester	5(T), 1 (E), 2 (P)
	8th Semester	1(T), 3 (E), Project
M. Tech (Computer Science Engineering)	1st semester	6 (T), 1 (P)
	2nd Semester	3(T), 1 (P),3(E)
	3rd Semester	Project
	4th Semester	Project
M. Tech (VLSI & Embedded Systems)	1st semester	6 (T), 1 (P)
	2nd Semester	6 (T), 1 (P)
	3rd Semester	Project
	4th Semester	Project
M. Tech (Structural Engineering)	1st semester	6(T), 1(P)
	2nd Semester	6(T), 1(P)
	3rd Semester	Project
	4th Semester	Project
M. Tech (Machine Design)	1st semester	6(T), 1(P)
	2nd Semester	6(T), 1(P)
	3rd Semester	Project
	4th Semester	Project

As per JNTU Regulations 2010

Program	Semester/ Year	Core, Laboratory & Elective Paper
B. Tech (Information Technology)	1ST Semester	6(T), 3(P)
	2nd Semester	6(T), 4(P)
	3rd Semester	5(T), 3(P),1(SEMINAR)
	4th Semester	5(T), 3(P)
	5th Semester	6(T), 3(P)
	6th Semester	6(T), 3(P)
	7th Semester	3(T),2(E),4(P)
	8th Semester	2(T),2(E), PROJECT

The institute provides academic flexibility to the students in terms of undertaking projects in allied departments and also in industries/ research organizations, thereby encouraging inter-disciplinary oriented work. Range of Core /Elective options offered by the University and those opted by the college

Elective Options

The students of UG and PG courses may choose upto a maximum of 2 - 6 electives depending on curriculum in the final year. The elective subjects offered are based on the latest technological trends and industrial needs so that at the end of the programme, the student is ready for the industry. For example, the table below gives the range of electives available in the JNT University syllabus and those offered by the department of Computer Science Engineering.

Course/ Department	Electives offered by the University	Electives opted by the college
B. Tech - Electronics & Communication Engineering	1. Electronic switching systems 2. Analog IC design 3. Object Oriented Programming & OS 4. Radar systems 5. Advanced computer architecture 6. Optical communication 7. Digital IC design 8. Speech processing 9. Artificial neural network & fuzzy logic	1. Radar Systems 2. Optical Communication 3. Satellite Communication 4. Bio-Medical Instrumentation

Course/ Department	Electives offered by the University	Electives opted by the college
	10. Network security & cryptography 11. Satellite communication 12. Mixed signal design 13. Embedded systems 14. RF circuit design 15. Cloud computing 16. Wireless sensors and networks 17. System on chip 18. Low power IC design 19. Bio-medical instrumentation 20. EMI/EMC	
B. Tech - Electrical & Electronics Engineering	1. VLSI design 2. Electrical distribution systems 3. Optimization techniques 4. Energy audit, conservation & management 5. Instrumentation 6. Non conventional sources of energy 7. Optimization techniques	1. Electrical distribution systems. 2. Energy Audit, Conservation & Management
	1. Advanced control systems 2. Extra high voltage transmission 3. Special electrical machines 4. Non conventional sources of energy 5. Digital signal processing 6. Facts: flexible alternating current transmission systems 7. Oops through java 8. Unix and shell programming 9. AI techniques	1. Extra high voltage transmission 2. Non-conventional sources of energy 3. Unix and shell programming
B. Tech. - Computer Science & Engineering	1. Open source software 2. Cyber laws 3. Computer forensics 4. Cloud computing 5. Software project management 6. Machine learning 7. Distributed data bases	1. Open source software 2. Software project management
	1. Human computer interaction 2. Advanced operating systems 3. Mobile adhoc and sensor networks 4. Pattern recognition 5. Digital image processing 6. Embedded and real time systems 7. Simulation modelling	1. Human computer interaction 2. Embedded and real time systems 3. E-commerce

Course/ Department	Electives offered by the University	Electives opted by the college
	8. Information retrieval systems 9. Artifical intelligence 10. Multimedia and application development 11. Software test methodologies 12. Neural networks and soft computing 13. Social networks and the semantic web 14. Parallel computing 15. E-commerce	
B. Tech - Information Technology	1. Open source software 2. Cyber laws 3. Information retrieval systems 4. Parallel computing 5. Distributed systems 6. Artificial intelligence 7. Computer architecture 8. Human computer interaction 9. Advanced operating system 10. Mobile ad-hoc & sensor networks 11. Pattern recognition 12. Digital image processing 13. Embedded & real time systems 14. Simulation and modelling 15. Computer forensics 16. Machine learning 17. Multimedia & application development	1. Open source software distributed systems 2. Human computer interaction Computer forensics (2010-14), (2011-2015) 3. Embedded & real time systems (2012-16)
B. Tech - Mechanical Engineering	1. Automobile Engineering 2. Computational Fluid Dynamics 3. Condition Monitoring 4. Rapid Prototyping 5. Metal Corrosion 6. Nano Technology 7. Automation in Manufacturing 8. Industrial Hydraulics and Pneumatics 9. Non-destructive evaluation 10. DBMS 11. Advanced Materials 12. Power plant Engineering 13. Production Planning and Control 14. Advanced Optimization Techniques 15. Quality and Reliability Engineering	1. Automobile Engineering 2. Automation in Manufacturing 3. Power plant Engineering 4. Production Planning and Control 5. MEMS

Course/ Department	Electives offered by the University	Electives opted by the college
	16. Gas dynamics & Jet Propulsions 17. MEMS 18. Industrial Robotics	
B. Tech - Civil Engineering	1. Earthquake resistant design 2. Ground improvement techniques 3. Urban transportation planning 4. Air pollution and control 5. Disaster management 6. Industrial water & waste water management 7. Architecture and town planning 8. Advanced structural design 9. Ground water development and management 10. Environmental impact assessment and management 11. Quality control and quality assurance 12. Water shed management 13. Finite element method 14. Pavement analysis and design 15. Soil dynamics and machine foundations 16. Advanced structural analysis 17. Water resources system planning and management 18. Environmental pollution and control 19. Diaster management 20. Industrial water & waste water engineering 21. Architecture and town planning 22. Finite element method 23. Green technologies	1. Air pollution and control 2. Ground improvement techniques 3. Water resources system planning and management 4. Pavement analysis and design 5. Ground water development and management 6. Environmental pollution and control
M. Tech (Computer Science & Engineering)	1. Mobile Computing 2. Compiler Design 3. Human Computer Interaction 4. Image Processing 5. Soft Computing 6. Object Oriented Analysis and Design 7. Advanced Unix Programming 8. Bio Informatics 9. Cloud Computing	1. Human computer interaction 2. Object oriented analysis and design 3. Advanced UNIX programming

Course/ Department	Electives offered by the University	Electives opted by the college
M. Tech (Civil-Structural Engineering)	1. Experimental stress analysis 2. Sub-structure design 3. Structural optimization 4. Repair and rehabilitation of structures 5. Analysis buildings of tall buildings 6. Plastic analysis and design 7. Pre stressed concrete 8. Mechanics of composite materials 9. Fracture mechanics 10. Industrial structures 11. Bridge engineering 12. Earth retaining structures	1. Sub-structure design 2. Repair and rehabilitation of structures
M. Tech (Machine Design)	1. Computational methods in Engineering 2. Advanced Mechanics of Solids 3. Advanced Mechanisms 4. Mechanical Vibrations 5. Design with advanced Materials 6. Geometric modelling 7. Design of Automated system 8. Production Design 9. Geometric Modelling 10. Non Destructive Evaluation	1.Geometric modelling

Enrichment courses

Every department offers aptitude classes that enable the students to attend campus interviews with ease. Further the Training & Placement department offers guidelines on group discussions, personal interviews etc., during the communication laboratory classes. Also, the department of Humanities and Social Sciences has set up a lab in collaboration with Globe Arena Technology solutions to improve the employability oriented skills of the students. The placement cell periodically hosts mock placement tests /interviews with experts from the industry and gives their feedback to the respective student departments. Enrichment courses conducted are :-

- Pre-placement training for final year students
- Conducting courses related to the subjects beyond the curriculum. Ex. Program in JAVA, dotnet etc, are conducted beyond the college hours.
- The institute has industry-institute partnership cell (IIPC). Certification courses are conducted by IIPC where the

personalities from the industry provide training to the students. Presently, interested students of Mechanical engineering department and Computer Science engineering department are undergoing training by IBM, Microsoft, Oracle, Tata Technologies, Intel and SAP Labs.

- A full-fledged Flexible Manufacturing system (FMS) is established at IIPC. Training related to Automation can be provided.

Further, the students are offered assistance and support for preparation for GATE, GRE, TOEFL, CAT and GMAT exams by the faculty members even beyond working hours to ease their passage into higher studies Academic enrichment is obtained as in core option

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.

Yes.

All the programmes offered by the college are self-financing only. All the programmes are approved by AICTE and JNT University, Kakinada to which the college is affiliated.

01.   The courses offered:

List of U.G. Programmes with Intake

B.Tech - Electronics & Communication Engg - 180

B.Tech - Electrical & Electronics Engineering - 60

B.Tech. - Computer Science & Engineering - 120

B.Tech - Information Technology - 60

B.Tech - Mechanical Engineering - 120

B.Tech - Civil Engineering - 120

PG Programmes with Intake

M.Tech (Civil Structural Engineering) - 36

M.Tech (Computer Science & Engineering) - 18

M.Tech (VLSI & Embedded Systems) - 18

M.Tech (Machine Design) - 24

02.   Admission Process: The admission process is based on the policies and guidelines provided by Government of AP. The process of admissions to all the programs offered by the institution

are controlled by the Government of Andhra Pradesh and totally transparent.

UG Programme

(i)   Category – "A"

The EAMCET convener (Govt of A.P.) fills up 70% of the seats in the Institute by allotting the candidates to this institute on the basis of their choice, their EAMCET ranks and the reservation policy of the Govt. of Andhra Pradesh, with 75% weightage to the Common Entrance Test, 25% weight-age to the marks obtained at the qualifying examination, Viz., the intermediate examination.

(ii)   Category – "B"

The remaining 30% of the seats are filled up by the Institute under the Management / NRI quota as per the guidelines given by the APSCHE and the Govt. of Andhra Pradesh for this purpose.

(iii)   Lateral Entry

The convener of ECET admits 20% of the sanctioned intake for each program for admission directly into the II year of the 4-year B.E/B.Tech program from among the Diploma holders, based on their rank in ECET, their choice of the institute and the reservation policy of the Govt. of Andhra Pradesh, under the lateral entry scheme.

PG Programme

(i)   Category – "A"

The PGECET convener fills up 70% of the seats in the Institute by allotting the candidates to this institute on the basis of their choice, their PGECET/GATE ranks and the reservation policy of the Govt. of Andhra Pradesh.

(ii)   Category – "B"

The remaining 30% of the seats are filled up by the Institute under the Management / Sponsored quota as per the guidelines given by the APSCHE and the Govt. of Andhra Pradesh for this purpose.

The details of admissions made into the institution by government of A.P. are displayed on their website and also on our college website.

Curriculum: The institution follows the curriculum designed by the affiliating Jawaharlal Nehru Technological University, Kakinada and implemented by the institution through a systematic plan of action which includes semester plan, lesson plan, course file, assignments, internal assessment test schedule. The faculty are encouraged to use different instructional aids like LCD projectors, OHP, Computer and audio equipments for effective planning, implementation and delivery of the curriculum.

Fee Structure: The fee structure for the students admitted is fixed by the government of A.P. In all admissions the reservation policy as stipulated by Government of AP is followed.

Teachers Qualifications: As per AICTE/JNTUK norms and regulations.

Salary: The AICTE qualification is mandatory for teachers recruitment. They are duly approved by the JNTUK and the State Government. The Assistant Professors, Associate Professors and Professors are offered AICTE pay scale.

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 provides additional skills orientation programs like value added courses that are relevant to the local and global employment market. Institution provides programs like:

- C Programming
- Personality development Program
- MATLAB
- Networking
- Managerial skill development program
- Aptitude development program
- SAP Training
- Android training program
- NSIC training program
- Quantitative, logical and analytical skill development programs
- Industrial visits and Internships
- Project exhibitions and showcasing

All departments of the institute conduct lectures delivered by experts from various industries and research organizations. This makes the students aware in terms of novel technologies and latest developments in research. These programs offered by the institution were found to be

useful for the students and make them more employable both in the National market and International Market.

Some of the Soft skills development programmes organized by the some of our departments are:

Year	Department	Details of the Program Conducted	Beneficiary	Resource Person / Program Conducted by
2015-16	Information Technology	Project Exhibition	Students	M Samba Siva Rao
		Paper Presentation	Students	Y V V N Vara Prasad
		Poster Presentation	Students	R Veera Raju
		Technical Quiz	Students	R Seetha Ram
		Webinar On Cloud Computing IBM Bluemix	Students	S V Ramana Murthy JKC
2014-15	Information Technology	AP Skill Development Mobile Applications Development	Students	AP skill development corporation
		Big Data & Analytics With IBM Infosphere Biginsights	Students	Mallarswami R
		Introduction To HTML5, Javascript Programming And Dojo Mobile	Students	K Vishalatchi
		IBM CE - Enterprise Applications For Cloud Environment (J2EE) Using IBM Rational Application Developer & IBM Bluemix	Students	P Gowtham
		Essentials Of Big Data With Hadoop Using IBM Infosphere, Biginsights	Students	Mallarswami R
		Big Data And Analytics With IBM Infosphere	Students	Ananda Chowdary
		Fundamentals Of Software Testing With Rational Tools	Students	S Vinod
		Project Exhibition	Students	M Samba Siva Rao
		Paper Presentation	Students	YVVN Vara Prasad

Year	Department	Details of the Program Conducted	Beneficiary	Resource Person / Program Conducted by
		Poster Presentation	Students	R Veera Raju
		Technical Quiz	Students	R Seetha Ram
2013-14	Information Technology	Fundamental Course DB2-Data Base Administration For Linux, Unix Windows	Students	Ananda Chowdary
		Essentials Of Big Data With Hadoop Using Infosphere	Students	Yogesh Sharma
		Software Foundation Course With C Programming	Students	K Pavan Kumar
		IBM Learning SQL And DB Programming With DB2	Students	Yogesh Sharma
		Web Applications Development And Deployment On Cloud Using RAD	Students	Yogesh Sharma
		Project Exhibition	Students	M Samba Siva Rao
		Paper Presentation	Students	Y V V N Vara Prasad
		Poster Presentation	Students	R Veera Raju
		Technical Quiz	Students	R Seetha Ram
		Basic Programming Using C# And Mobile Application Development	Students	N Jaya Krishna
		Technical Quiz On "C" Language	Students	M Sambasiva rao
		Guest Lecture On Mainframes	Students	M. Raghavendra Sai
		Workshop On Amazon Web Services	Students	V. Aditya
		Project Exhibition	Students	M Samba Siva Rao
2015-16	Computer Science Engineering	Project Exhibition	Students	M Samba Siva Rao
		Paper Presentation	Students	Y V V N Vara Prasad
		Poster Presentation	Students	R Veera Raju

Year	Department	Details of the Program Conducted	Beneficiary	Resource Person / Program Conducted by
		Technical Quiz	Students	R Seetha Ram
		Webinar On Cloud Computing Ibm Bluemix	Students	S V Ramana Murthy JKC
2014-15	Computer Science Engineering	AP Skill Development Mobile Applications Development	Students	AP skill development corporation
		Big Data & Analytics With IBM Infosphere, Biginsights	Students	Mallarswami R
		Introduction To HTML5, Java script Programming And Dojo Mobile	Students	Vishalatchi
		IBM CE - Enterprise Applications For Cloud Environment (J2EE) Using IBM Rational Application Developer & IBM Bluemix	Students	K Gowtham
		Essentials Of Big Data With Hadoop Using IBM Infosphere Biginsights	Students	Mallarswami R
		Big Data And Analytics With IBM Infosphere	Students	Ananda Chowdary
		Fundamentals Of Software Testing With Rational Tools	Students	P Vinod
		Project Exhibition	Students	M Samba Siva Rao
		Paper Presentation	Students	Y V V N Vara Prasad
		Poster Presentation	Students	R Veera Raju
		Technical Quiz	Students	R Seetha Ram
2013-14	Computer Science Engineering	Fundamental Course DB2-Data Base Administration For Linux, Unix Windows	Students	Ananda Chowdary
		Essentials Of Big Data With Hadoop Using Infosphere	Students	Yogesh Sharma

Year	Department	Details of the Program Conducted	Beneficiary	Resource Person / Program Conducted by
		Software Foundation Course With C Programming	Students	Pavan Kumar
		IBM Learning SQL And DB Programming With DB2	Students	Yogesh Sharma
		Web Applications Development And Deployment On Cloud Using RAD	Students	Yogesh Sharma
		Project Exhibition	Students	M Samba Siva Rao
		Paper Presentation	Students	Y V V N Vara Prasad
		Poster Presentation	Students	R Veera Raju
		Technical Quiz	Students	R Seetha Ram
		Basic Programming Using C# And Mobile Application Development	Students	N Jaya Krishna
		Technical Quiz On "C" Language	Students	M SAMBA SIVA RAO
		Guest Lecture On Mainframes	Students	M. Raghavendra Sai
		Workshop On Amazon Web Services	Students	V. Aditya
		Project Exhibition	Students	M Samba Siva Rao
2015-16	Civil Engineering	A Two Day Workshop On **Total Station** & It's Applications	Students	Department of Civil Engineering
		A Two Day Workshop On Advanced Structural Analysis Using **Staad Pro**	Students & faculty	A-CADD CENTRE Mumbai
2014-15	Civil Engineering	Two Days Training Programme On **Geospatial Analysis** Using **Idrist-Selva**	Third year and Final year Students (Lateral Entry Students)	DATACODE

Year	Department	Details of the Program Conducted	Beneficiary	Resource Person / Program Conducted by
2013-14	Civil Engineering	One day workshop on **BRIDGE Engineering**	Students	GAMMON-SIMPLEX INFRA
		Two day workshop on **GIS Applications** in civil engineering	Students	TECHNOSOFT SOLUTIONS, VIZAG
2015-16	Mechanical Engineering	Android Workshop	Students	
		Workshop on NS2	Students	
		Workshop on HTML5/CSS3	Students	
		MOCK Placement Interview	Third year Students	Many company HR (CTS, L&T, HCL, etc.,)
2014-15	Mechanical Engineering	Soft skill training Program (25th Aug.2014)	Third year and Final year Students (Lateral Entry Students and Telugu Medium Students)	Skill Pro Institute Smart Training

Conducting courses related to the subjects beyond the curriculum. The institute has industry-institute partnership cell (IIPC). Certification courses are conducted by IIPC where the top MNC's provide training to the students. Presently, interested students of Mechanical Engineering department and Computer Science Engineering department are undergoing training by IBM, Microsoft, Oracle, Tata Technologies, Intel and SAP Labs.

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 institution is affiliated to Jawaharlal Nehru Technological University, Kakinada and there is no provision for flexibility of combining the distance mode of education and conventional face-to-face education for students.

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 programmes and Institution's goals and objectives are integrated?

The JNT University curriculum is followed by URCET. Any new development taking place in society is brought to the notice of the students and help students to be aware of the current day advances in the subjects. To build the competencies of the students URCET emphasizes on nurturing the total development of the students along with excellence in their academic performance. To achieve these goals and objectives, the institution has evolved additional inputs in the syllabi. The institution supplements the university curriculum by conducting various academic programs to achieve the institution's goals and objectives. These are:-

- Value added and skill development programs
- Co-curricular activities like paper presentation, projects, quizzes organized for the benefit of the students
- Conduct of workshops and seminars
- Coverage on topics beyond the syllabus
- Conduct of additional experiments in laboratory classes
- Training in soft skills, quantitative, logic and analytical skills
- Training the students in computer based subjects
- Value added courses
- Guest/ Expert Lectures
- Field and industrial visits
- Personality development programs
- Virtual labs
- Video Lectures of NPTEL and QEEE
- Online journals and digital library
- Centre of excellence

In addition to the above, Industrial visits are arranged to the students with the leading Industries for them to understand the theory that they have studied and the actual practices in the Industries.

Eminent persons from industries and reputed institutions are called for updating the current happening to the students. This will ensure the fulfilment of our institutional academic and employability objectives.

Students and teachers both are encouraged to attend refresher course, seminars, and workshops etc which help them to enrich their knowledge.

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 collects the feedback regarding curriculum from alumni, students, employers, industries and R&D organization etc. The feedback from above is consolidated and forwarded to the University for incorporating in syllabus as and when revision takes place. Faculty from the departments also give their opinion in course curriculum and syllabus formation to the university as and when asked. Institution offers programs on soft skills, technical skills, paper presentation, project, mathematical quiz and organize seminars on advanced topics in science and engineering.

- The training and placement officer of the institution regularly interacts with the HR managers of the companies and obtain their opinion about syllabus and the need to change it to match into their requirements. The TPO collects the updated information about the recent market trends and corporate expectation so that students can be moulded according to the need.

- Keeping these demands in mind, Personality development classes are also arranged for the students of our institution to improve their personality, presentation and communication skills to make up the deficiencies in the students to make them employable. To make the student employable our institute arranges special classes for the final year students so as to improve their technical, aptitude skills.

- The institution enriches and organize the curriculum by supplementing it with extra courses as discussed in 1.3.1 so that the students are benefited in the best possible manner. We organize the campus connect program in collaboration with Infosys Pvt. Ltd. so that students can student can map their theoretical knowledge into practical implementation.

- Alumni feedback is taken periodically to understand the recent market trend.

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?

The institution is a co-educational institution and boys and girls are encouraged to work together in various activities. There is no discrimination among boys and girls in various committees constituted by the institute. This holistic approach has led to increased opportunities in employment and entrepreneurial development among the students.

Environmental Studies is one of the courses the students have to undergo during their studies. This is one of the subjects as prescribed by the University. The main objective of this course is to learn and preserve the nature. Institution is keen in maintaining environmental conditions by creating rain water harvesting, tree plantation, clean environment and Swatch Bharat.

Our institution has a Women's Grievance Cell to handle the sensitive issues regarding the women's right and security. The Cell was formed through a selection among all senior lady faculty members.

Both boys and girls together participate in tree plantation, organizing medical camps, blood donation camps etc. Apart from this, the institution takes necessary efforts in the form of quiz, debate and poster competition on the issues like Gender sensitization, Climate Change, Environmental Education, Human Rights, etc. Every department having its own technical society is responsible of conducting these types of events from time to time.

ICT – Computer fundamentals are taught as a part of the curriculum. All faculty rooms are equipped with desktop computers, furniture, pin boards etc. Besides this Wi-Fi connectivity is also available free of cost throughout the campus. All Class rooms are equipped with LCD Projection Systems, LCD Screens, USB ports for Laptop connectivity, Wireless Audio systems and Green boards. These facilities enhance lecture delivery and effective communication.

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

Following are the various value-added courses/enrichment programmes offered to ensure holistic development of students:

Moral and Ethical Values:

The students are being taught about the moral, ethical and behavioural values through soft skills classes on topics like Constitution of India and Professional Ethics and through talks by distinguished person in these fields. Further, discipline and punctuality etc are inculcated in to their minds by the faculty.

Employable and Life Skills:

As communication skill is necessary for employment, the institute takes extra care for the development of communication skills of the students through personality development programs, group discussion, pre placement training, debate, Essay writing competition etc. Students are also allotted different responsibilities in organizing various events and activities such as cultural programmes, competitions, seminars,

workshops etc. This way they improve their team building and organizational skills. Institution also organizes entrepreneur development program and intellectual property rights awareness program. Students are encouraged to participate and learn photography, choreography, drawing and yoga. Workshops are organized in the institute on yoga and life style living, stress management by qualified professionals.

Better career options:

Various multidisciplinary, advanced technologies, industry relevant training programmes are conducted by various centres of excellence established in the college in collaboration with multinational industries like IBM, Oracle, Microsoft, SAP Labs, Intel and Tata Technologies and Mentorship Programmes for Core subjects. Guest lectures are arranged. Additional courses are also offered.

Community orientation:

The institute has NSS wing. NSS camps are organized for the students every year. Social issues and plantation of trees are given importance during the camps. Blood donation camp is organized by the departments. The students come forward and donate blood for the benefit of the needy. Tree plantation: More than 2500 Tree Saplings were planted in the Campus and also in the neighbouring village. Institution has identified a village in our district and one school near to our institution wherein the faculty and students educate the villagers with regard to clean environment, drinking purified water, sanitation etc, in order to improve the living standards of villagers. Our PG students sometimes will handle classes in the nearby schools with day to day examples from engineering and science.

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

The institution collects feedback from the stakeholders in enriching the curriculum in the following manner:

- **Alumni Feedback**: Every year institute organizes Alumni Meet in which feedback is collected to enrich the curriculum.
- **Current Students Feedback**: At the end of each semester, a feedback from every student is taken. The college has implemented online student feedback system.
- **Employers Feedback**: The training and Placement cell takes feedback from the employers.
- These feedback are discussed in the staff meetings in the departments and suggestions based on these are given to the

University during the syllabus revision meetings. The university receives such feedback and tries to implement the suggestions as and when the curriculum is revised. The feedback enables the institution to make informed decisions and offer add-on courses to cover the contents beyond curriculum.

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

The institution has a very clear and transparent way to monitor and evaluate the quality of various enrichment programmes initiated by it. The monitoring and evaluation is based on:

- Feedback from the alumni
- Feedback from the employers during the placement activity
- Advisor's feedback
- Exit Feedback from the students at the end of the course.
- Peer review

The IQAC and various other committees monitor and evaluate the efficiency and success of these enrichment programs. The institution makes sure that the enrichment programmes offered in the curriculum include contribution to human values, fostering global competencies among students, promoting the use of technology and quest for excellence. The feedback process mainly concentrates on whether the stated objectives are achieved or not. Once the feedback is obtained, it is further evaluated to find the shortcomings and, or success of the program and its quality and corrections are made if necessary, for further improvements.

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?

The institution is affiliated to the JNTU, Kakinada. The curriculum and syllabi is designed and developed by the University. Based on the feedback received from the alumni and stakeholders the institution consolidates the feedback and forward to the university for consideration in developing the curriculum. The university also conducts meetings regularly and obtain opinion of teachers in the subject to formulate the course curriculum and syllabi. University also invites faculty to participate in workshops for curriculum development.

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?

The college obtains feedback from the students, alumni, parents and employers.

- **Students:** Any difficulties expressed by the students are noted and the same is duly communicated to the university either through the senior faculty who are members in the various boards of studies/syllabus committees etc. or forwarded to the university when suggestions are invited during syllabus revision.

- **Alumni:** The alumni of the college who have moved on to industry or for higher studies also give a feedback on how their years in the institution have helped them perform in their places of work/study. The alumni also give constructive suggestions on helping the students achieve greater focus and improving themselves.

- **Parents:** The parents' meet conducted by college every semester apart from other issues enables parents to give suggestions regarding the curriculum of their wards.

- **Employers/ Industries:** Representatives of various industries give extremely useful feedback regarding the employability of the students and also their expectation from the students during the placement. These are noted and informed to the BoS.

The opinion of these stakeholders are communicated to the university authorities for necessary improvements.

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

New UG and PG programs introduced in different departments are listed below:

S. No	Department	Name of the programme	Starting Year	Reason for starting new course/ increase in intake.
1	Electronics & Communication Engineering	M. Tech in VLSI & Embedded Systems (18)	2012	Industry requirement/ demand for the post-graduates with VLSI & Embedded Systems.
		Intake increased in B.Tech. Electronics and Communication Engineering from 60 to 120.	2011	More number of students prefer under graduate degree in ECE due to the versatile nature of the course

S. No	Department	Name of the programme	Starting Year	Reason for starting new course/ increase in intake.
		Intake increased in B.Tech. Electronics and Communication Engineering from 120 to 180.	2014	More number of students prefer under graduate degree in ECE due to the versatile nature of the course
2	Mechanical Engineering	M. Tech. Machine Design (24)	2014	Industry requirement / demand for the students with higher qualification in Machine Design.
		Intake Increased in B.Tech. Mechanical Engineering from 60 to 120.	2012	More number of students prefer under graduate degree in Mechanical Engineering due to better job opportunities.
3	Civil Engineering	M. Tech in Structural Engineering (18)	2013	Industry requirement & demand for post-graduates in the fields of Structural Engineering.
		M. Tech in Structural Engineering (18 to 36)	2014	Industry requirement & demand for post-graduates in the fields of Structural Engineering.
		Intake increased in B.Tech. Civil Engineering from 60 to 120.	2013	Industry requirement For the students with civil engineering. Qualification and also requirement in Govt. service.
4	Computer Science Engineering	M. Tech in Computer Science and Engineering(18)	2013	Industry requirement for the students with higher qualification in computer science and engineering.
		Intake increased in B.Tech. Computer Science and Engineering from 60 to 120.	2012	Demand for graduates in the fields of IT and IT enable services. Also more number of students preferred to do their undergraduate degree in Computer Science stream.

These above new courses/increase in intake of existing course is done:

- To meet the changing demands of the industry
- To develop skill of man power in specialized field of engineering

- To encourage research among younger generation
- To develop centres of excellence in related areas

Any other relevant information regarding curricular aspects which the college would like to include.

Outcome Based Education (OBE) is followed in the institute. Activities such as Assignments, Quizzes, Course seminar/Course project, and Subject proficiency test are conducted though they are not mentioned in the University Curriculum. OBE helps us in continuous evaluation of the teaching-learning activities happening in the institute.

Criterion II

Teaching – Learning and Evaluation

2.1 Student Enrolment and Profile

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

Publicity: The admission and college information of the UG and PG programmes is displayed on the college website. The stake holders such as alumni, industry, students studying in the college and their satisfied parents help by giving publicity of the college. The campus recruitments in previous years also serve as a means of publicity. The prospectus gives the information on the courses and the facilities available in the institute. The achievements of the institute in the recent past are also reflected in the Prospectus. Publicity is also given trough advertisements in news papers, broachers and participating in educational fairs.

Transparency: Admission of students into UG and PG programmes in the college is made based on the merit ranks secured by them in common tests (EAMCET for B.Tech courses and PGECET for post-graduate courses). Hence the admission processes for both UG and PG programmes are transparent.

2.1.2 Explain in detail the criteria adopted in the process of admission ex: i) Merit ii) Common Admission Test conducted by the State Agencies and National Agencies iii) Combination of Merit and Entrance Test or Merit, Entrance Test and Interview iv) Any other) to various programs of the Institution.

The admission processes both for undergraduate and post graduate is made on the basis of entrance examination conducted by the Govt. of Andhra Pradesh (EAMCET/ECET for B.Tech courses and PGCET for post-graduate courses.)

Admission notification is given by the Andhra Pradesh State Council for Higher Education (APSCHE) for the above admissions in the State of Andhra Pradesh. The minimum requirement for applying to EAMCET examinations is a pass in Intermediate examination with not less than 45% marks in IPE Examination conducted by the Govt. of Andhra Pradesh with Mathematics, Physics and Chemistry as main subjects.

The examination is conducted by the Government and rank is assigned to all the eligible students, category-wise and gender wise following the reservation policy of the state. Detailed admission Process is made available on the website of APSCHE and advertisement in news papers.

After the rank is assigned students are advised to give their choice of college and branch on the web portal. Based on their rank seats are allocated by the government for A-Category seats (70%). The system is totally transparent in the admission process.

The APSCHE allots students to the colleges along with the name of the candidate, father name, branch to which he is admitted into the college. After the admission process is completed, the Government of Andhra Pradesh gives a cut-off date and the class work date announced by the Affiliating University.

The students after admitting into the College are taken round and the facilities available in the college are shown to the parents and the students.

B-Category (management seats 30%). The college publish the B-category (Management) admission seats in national and regional English, Telugu newspapers. The admissions are made by management based on merit. This list is to be submitted to APSCHE for their approval.

2.1.3 Give the minimum and maximum Percentage of marks for admissions at entry level for each of the programs offered by the College and provide a comparison with the other colleges of the affiliating university within the City / District.

Course wise minimum and maximum ranks/ % of marks of students admitted in B.Tech & M.Tech programs:

S. No	Program	Year of Admission	Minimum EAMCET ranks / % of marks of admitted Students	Maximum EAMCET ranks / % of marks of Admitted Students
1	B.Tech CSE	2015-16	4765	122406
	B.Tech ECE		3550	121121
	B.Tech EEE		37511	123447
	B.Tech M.E		12952	131121
	B.Tech Civil		62841	131904
	B.Tech IT		49938	124478
	M.Tech(VLSI&ES)		260	3805
	M Tech (CSE)		113	5963
	M.Tech(Mach Dsn)		266	31260
	M.Tech(St. Eng)		819	4609
2	B.Tech CSE	2014-15	27215	201360
	B.Tech ECE		21121	175552
	B.Tech EEE		61665	198418
	B.Tech M.E		30687	200017
	B.Tech Civil		48570	216703

S. No	Program	Year of Admission	Minimum EAMCET ranks / % of marks of admitted Students	Maximum EAMCET ranks / % of marks of Admitted Students
	B.Tech IT		110681	200731
	M.Tech(VLSI&ES)		418	8130
	M Tech (CSE)		502	18611
	M.Tech(Mach Dsn)		3979	7631
	M.Tech(St. Eng)		239	8851
3	B.Tech CSE		26431	204519
	B.Tech ECE		21211	191114
	B.Tech EEE		32116	192776
	B.Tech M.E		28831	211749
	B.Tech Civil	2013-14	48570	216703
	B.Tech IT		NIL	NIL
	M.Tech(VLSI&ES)		159	13132
	M Tech (CSE)		238	20843
	M.Tech(Mach Dsn)		NIL	NIL
	M.Tech(St. Eng)		1028	5074

Comparative Data for admissions in the neighbouring college: Sarojini Institite of Technology, Telaprolu:

S. No	Program	Year of Admission	Minimum EAMCET ranks / % of marks of admitted Students	Maximum EAMCET ranks / % of marks of Admitted Students
1	B.Tech CSE		120000	140000
	B.Tech ECE		100000	115009
	B.Tech EEE		NIL	NIL
	B.Tech M.E	2015-16	125644	145564
	B.Tech Civil		132555	142565
	M.Tech(VLSI&ES)		NIL	NIL
	M Tech (CSE)		1500	2500

2.1.4 Is there a mechanism 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 admission process is totally under the control of the state government. The college maintains student admission details in office and admission cell of the institution. The category-wise lists of the candidates such as OC, OBC, BC, SC and ST admitted into the college are communicated to the college by the APSCHE.

The admission committee at the institute meets to review the admission process during the admission phase and discusses the overall admission scenario with regard to applications received for the course, profile of the students admitted, etc.

Best students are motivated to take admission in our institute by, publicizing about our institute with the various achievements in Media/Website/News Paper/Advertisement Banners. Fee waiver is given to the meritorious students taking admission to our institute.

The student's profiles are recorded and analyzed every year after admission. The Principal in association of the faculty members will identify the requirements of these students and work out the strategies with the help of a mentor to improve the academic performance of the students of all categories in the following ways:

- Bridge courses for subjects like Mathematics, physics, Chemistry, English, C-Language are conducted after the regular class work is over every day.
- Senior faculty members are allotted for mentoring every 20 students.
- Parents' meeting is also conducted after completion of internal assessment test to appraise the performance of their ward.
- Remedial classes are conducted to the needy and week students.
- Projects beyond the syllabus are offered to the students excelling in academics to be beneficial to them in competitive examinations. The Institute identifies meritorious students and awards are given at the end of the academic year
- Additional English speaking and writing classes are conducted to the students of rural background and students coming from telugu medium.
- A career guidance program is conducted for the benefit of the weaker section of students, and students coming from rural areas.

All the above efforts have yielded good results and the students of all categories are getting selected in campus recruitments and are securing good ranks in GATE and other tests motivating quality students to seek admission in URCET.

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 profile demonstrate / reflect the national commitment to diversity and inclusion.

- SC / ST
- OBC

- Women
- Differently abled
- Economically weaker section
- Minority Community
- Any other

The admission process to the colleges is governed by the rules, regulations and guidelines stipulated by the government of Andhra Pradesh. URCET offers seats to SC, ST, OBC, economically weaker students as per the norms and rules and regulations of the government of Andhra Pradesh. The government offers fee waiver scheme for the students admitted under the category - A quota.

SC/ST: As per ggovernment norms, a fixed percentage of seats is reserved for students from the disadvantaged community and OBC etc. The admissions are through EAMCET counselling. The library has SC/ST book bank section. The students take the advantage of this facility.

OBC: OBC students are admitted to the institute through EAMCET counselling.

Women: 30% of seats in the Institution are reserved for women candidates belonging to all categories. The College does not discriminate on the basis of gender. In the current academic year 2015 - 16, out of a total strength of 1932 students 31.05% (600 no's) are girl students.

Differently abled: The govt. of A.P. allots 3% seats reserved for people with disabilities. We have instances of differently-abled students having successfully completed the course in our College. At the moment there is one such student studying in the College.

Economically weaker sections: The state government rules are followed to admit students of different categories such as SC/ST, OBC, etc. For economically weaker sections government provides the scholarships. The information related to this is given to such students so that they can avail the benefit.

Minority community: The College under the direction from the Central Government, State Government and its affiliating university offers every possible help to the students belonging to the minority community. All these facilities are informed to the students.

Any other: There is also some quota for the physically disabled students, children of armed personnel, and sports personnel. Adequate facilities are created for weaker section students and women students. Scholarships are also provided by the management to the deserving students.

2.1.6 Provide the following details for various programs offered by the Institution during the last 4 years and comment on the trends i.e. reasons for increase / decrease and actions initiated for improvement.

Sr. No	Name of Program	Year	No. of Students Application	No. of Students Admitted	Demand Ratio
1	B. Tech - ECE	2012-13	120	108	0.90
		2013-14	120	70	0.58
		2014-15	180	117	0.65
		2015-16	180	142	0.78
2	B. Tech - EEE	2012-13	60	41	0.68
		2013-14	60	5	0.08
		2014-15	60	9	0.15
		2015-16	60	34	0.56
3	B. Tech - CSE	2012-13	60	60	1
		2013-14	120	71	0.59
		2014-15	120	105	0.875
		2015-16	120	119	0.99
4	B.Tech - M.E	2011-12	60	60	1
		2012-13	120	116	0.97
		2013-14	120	79	0.66
		2014-15	120	79	0.66
5	B. Tech - Civil	2011-12	60	62	1.033
		2012-13	60	60	1
		2013-14	60	60	1
		2014-15	120	69	0575
6	B. Tech - IT	2012-13	60	27	0.45
		2013-14	60	00	0.00
		2014-15	60	17	0.2833
		2015-16	60	54	0.9
7	M. Tech (VLSI & ES)	2012-13	18	9	0.50
		2013-14	18	10	0.55
		2014-15	18	15	0.83
		2015-16	18	8	0.44

Sr. No	Name of Program	Year	No. of Students Application	No. of Students Admitted	Demand Ratio
8	M. Tech (CSE)	2012-13	NIL	NIL	NIL
		2013-14	13	12	0.92
		2014-15	13	13	1
		2015-16	13	5	0.38
9	M. Tech (Machine Design)	2012-13	-	-	-
		2013-14	-	-	-
		2014-15	18	4	0.22
		2015-16	18	6	0.3
10	M. Tech (Structural Engineering)	2012-13	--	-	-
		2013-14	18	18	1
		2014-15	36	31	0.86111
		2015-16	36	24	0.6666

The admission process is done by AP State Council for Higher Education. The process of admission is through online web based counselling and it is understood that the majority of students opt for branches like ECE, CSE, EEE, MECH, and CIVIL. Actual number of students who opted for these branches is not known to any institution except the number of students allotted to the college. It is presumed that one student admitted into ECE, CSE, MECH, CIVIL, EEE for every 30-40 students who applied.

The college constantly reviews the situation with regard to employability and the demand from the students as well as from the industry for all the courses. In order to fulfil the demand / aspirations of the industry and prospective students, the institution may increases the number of seats in certain courses as well as start fresh UG and PG courses. It is relevant to state here, that the college has never reduced the number of seats in any of its programmes or closed any course. It is evident from the fact that all the seats are grabbed within the first phase of counselling through single window system which goes on for about 30 days.

2.2 Catering to students 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.

The institution caters to the needs of differently-abled students as per the requirements of the individual student. Such students are attached to faculty counsellors/ class in-charges to take care of their specific requirements.

The institution is fully adhering to governmental policies regarding the needs of differently-abled students. Seats are reserved at the time of admission in various programmes. The college makes sure that the classes of such students are held at ground floor to the possible extent, special facilities like providing ramps to reach their laboratories, and separate sanitary facilities are being provided.

Special library arrangements are made for these students by the HoD. Additional library books are issued to these students comforting them not to visit library frequently. Institution is providing a scribe for writing exams with the permission of university and provides additional time for writing exams with permission of university.

2.2.2 Does the Institution access the students needs in terms of knowledge and skills before the commencement of the program. If Yes, give details on the process.

Yes. There is a provision for assessing the students knowledge and skills before the commencement of the program. Students enter engineering colleges from three different school streams viz., State board (Telugu and English medium), CBSE and ICSE. Their level of knowledge in key subjects and their assessment in school also varies widely. So the gaps in the entry level due to the above are bridged before the commencement of the first year classes.

The institution conducts a diagnostic test and identifies the students knowledge in subjects like, Mathematics, Physics, Chemistry, and English. Based on the marks secured in the diagnostic test, students are grouped into batches of 15 or 20 in each subject and special attention and care is taken by the institution in conducting tutorial and special classes after the regular class work is over and they are brought on par with the other students over a period of time. Students coming from rural background are given special attention in spoken English and are made to deliver subject content in the presence of other students and teachers. Such an exercise has yielded very good results.

Special classes are organized for the lateral entry students who are admitted to 3rd semester after their diploma course. In addition during the academic programme students requiring special attention in specific subjects are identified and extra coaching classes are conducted after the college working hours to improve their performance and confidence level.

2.2.3 What are the strategies drawn and deployed by the Institution to bridge the knowledge gap of the enrolled students to enable them to cope with the program of their choice (Bridge / Remedial / Add-on / Enrichment courses, etc.)

Bridge courses are conducted to the lateral entry students in selected subjects like mathematics, C-programming.

Remedial classes are conducted to improve slow learners and students who have back-logs. Weekly tests and monthly tests are also conducted by the department faculty to test their subject knowledge.

After two weeks of the commencement of every semester **diagnostic tests** are conducted and weak students are identified. Extra classes are conducted beyond their regular classes. **Add-on courses** like DB2, RAD, Embedded systems, MATLAB, etc., are conducted beyond the credit-based subjects.

The Institution identifies the gap between the university curriculum in the advance subjects. The students are allowed to choose electives out of 5 to 6 options offered by the University. Institution also offers add-on topics and add-on experiments in laboratories. Faculty members give information on contents beyond syllabus to the students to enrich their knowledge.

Students are motivated by way of conducting personality development programs, workshops, technical festivals, conferences and symposia. A mentor is appointed to help weak students through counselling with their academic and personal problems. The above steps are found to be very successful in improving the transition rate of students.

The following table gives the details of number of courses offered, department-wise to bridge the knowledge gap:

12/8/2013 to 19/8/2013   **26 students**

Year: 2013-14	Branch: ECE	Subject: Mathematics & C Programming
Bridge Courses offered in:		
1. Mathematics by Dr.A.Madana Mohana Rao		
2. C language by Mr.M.Sambasivarao		

1/9/2014 to 6/9/2014   **43 students**

Year: 2014-15	Branch: ECE	Subject: Mathematics & C Programming
Bridge Courses offered in:		
1. Mathematics by P.Tirupathi Rao		
2. C language by M. Vijayasri		

2/7/2015 to 9/7/2015		32 students
Year: 2015-16	**Branch: ECE**	**Subject: Mathematics & C Programming**
Bridge Courses offered in:		
1. Mathematics by N.Vijaya		
2. C language by K.Yashoda		

Department	Bridge courses Conducted	Remedial Courses Conducted	Add-on Theory Conducted	Add-on Experiments Conducted
2015-16				
MECH	Mathematics classes for lateral entries	Mechanics of solids	Introduction to smart materials, alloys, "chemical thermo dynamics for metals and materials."	Bernoulli's apparatus, Experiment on Mouth piece are conducted.
MECH	CATIA	Thermo dynamics	3D modelling in AUTO CAD	
MECH	DELMIA	DMM-I	Drafting of CAM profiles using CAD	
MECH	Training and Placement course in communication and soft skills.	Thermal engineering - II	Concepts of green engines and six stroke engines	
MECH		Dynamics of machinery	Practical flows and introduction to micro-channels	
MECH		R&AC	Introduction to CNC programming	
MECH	Mathematics classes for lateral entries	Mechanics of solids	Introduction to smart materials, alloys, "chemical thermodynamics for metals and materials."	Bernoulli's apparatus, Experiment on Mouth piece are conducted.
MECH	Training and Placement course in communication and soft skills.	Thermo dynamics	3D modelling in AUTO CAD	
MECH		DOM	Drafting of CAM profiles using CAD	

Department	Bridge courses Conducted	Remedial Courses Conducted	Add-on Theory Conducted	Add-on Experiments Conducted
MECH		FEM		
MECH		ThermaL Engineering-II		
MECH		DMM-I		
MECH		R&AC		
MECH		Kinematics of machinery		
MECH		Thermal engineering-I		
MECH		FM&HM		
MECH		DMM-II		
MECH		Heat Transfer		

Department	Bridge courses Conducted	Remedial Courses Conducted	Add-on Theory Conducted	Add-on Experiments Conducted	Enrichment Courses Conducted
2015-16					
EEE	1	6	4	2	0
2014-15					
EEE	1	6	2	2	0

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

The institute does not discriminate on gender and religious issues. Male and female staff members, faculty members and students are treated equally. Institution has established a "Women Empowerment and Grievance Cell" under coordinator of a senior women faculty member to redress the grievances of any women employee or student. All the necessary requirements for the females both in the college and the hostel have been adequately taken care of.

Institute provides equal opportunities to male and female in teaching, curricular, extracurricular activities, deputation to workshops and seminars, in appointment of various college committees, placements etc.

Environmental science and protection is an integral part of the academic programme. The need for conservation of energy, water, etc, is reiterated

periodically. Institute organizes special programs like blood donation camps, swatch bharat programs in which the faculty and students participate equally. The Institute celebrates "Teachers day" and "Engineers day" where the student and teachers interchange the role of each other and awards distributed.

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

The college recognizes and promotes the skills and knowledge of the advanced learners. Institute has a mechanism to identify advanced learners through:

- Student articles published in the newspapers and journals
- Student projects, paper presentations, NSS camp, industrial visits etc.
- Interaction of students with the faculty members
- Participation of students in value added courses
- modular laboratory experiments conducted by the students beyond the syllabus
- Marks obtained in midterm and university exams

The institution supports advance learners by:

- Allowing them to do research projects in a R&D lab or in an industry,
- Encouraging them to participate in conferences to enrich their knowledge
- By offering training in advanced topics of curriculum and teaching additional topics beyond syllabus to enrich their knowledge.
- Merit students and students who stood top in the academic competitions held in surrounding colleges are rewarded with certificate and prize money and their name gets displayed on the department notice board.
- Sponsor their travel for participation in conferences outside the college.
- By providing them with additional number of journals, books and e-journals from library through which the students can gain knowledge on advanced topics.

All the departments have listed their achievements in this regard separately.

2.2.6 **How does the institute collect, analyze and use the data and information on the academic performance (through the program duration) of the students at risk of dropout (students from the disadvantaged sections of Society, Physically challenged, slow learners, economically weaker sections, etc.)**

The examination section in the college has student's academic data for activities like marks in diagnostics tests, assessment test, internal exams, university exams etc. The personal data of students is maintained by the individual student counselors. Each counselor is put in charge of 20 students to monitor, shape and advice them to ensure their overall comprehensive growth and achievements.

Academic performance of the students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. is detected by the teachers during their lectures in classroom. The institute analyzes the internal evaluation carried out by the faculty and the university results for different programs. Slow learners and students with low marks are given extra coaching after the normal working hours. The College has the least number of students who are at risk of failures and there are negligible dropouts as the institute has a system of identifying such students, counselling and mentoring them.

Student counselors interact regularly with students assigned to them and find the academic performance of the students and analyze the data of the above section of students and offers support as follows:

Slow learners:

The institute organizes special lectures for the slow learners after the regular class work is over. Teacher prepares specially designed notes for slow learners to understand the subject easily. Slow learners are grouped together in a batch of 15 to 20 students and mentoring is done by the teacher. Teacher in the special classes makes the student to answer one or two questions and few problems. Institute conducts re-tests for the non-performing weaker students to mark their improvement.

Physically challenged:

Institute counsels the physically challenged students with the facilities available and scholarships offered by the government and other organizations. Any particular demand of the student that may include his location in hostel, movement in the college and any other special needs raised by the student are addressed immediately. Institute also tries to identify inherent skills in the physically challenged person and motivate them to excel in related areas.

Economically weaker section:

Institution provides information to economically weaker section students about financial support from government and other organizations and help in the form of books, free accommodation etc.

Disadvantaged section of students:

SC / ST / OBC / Minority students are given benefits of reservation in terms of admission into engineering courses and scholarships as per government norms.

The institution reports and discusses about the student progress with their parents on regular intervals.

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.)

Academic calendar is designed by the university at the beginning of each academic session which is to be followed by each affiliated colleges. URCET strictly follows the university calendar which includes the important information like:

- Starting of odd and even semester classes
- Dates for mid semester/internal examination
- Sending of internal marks
- Sending of sessional marks
- Dates for end semester examination
- Tentative dates for publication of results
- List of holidays.

Based on the academic calendar the college formulates the academic schedule which is communicated to the students before the commencement of each academic session. The lesson plan, indicating the topics covered lecture wise, day wise, for each and every subject is prepared by the faculty before the commencement of the semester and it is duly approved after careful examination by the Head of the Department and made available to the students. Lesson plan are also displayed in the college website.

The faculty members prepare the course file that includes detailed work plan, study material, experimental write-ups, previous year university question papers, assignments, quizzes, e-learning material, etc. The file is evaluated by the HoD and Principal of the college. Syllabi for various

courses along with regulations are circulated in the form of a book to the students at the time of admission.

The students are assessed on a continuous basis by conducting two tests per semester and evaluated within 2 -3 days after the exams. Weekly tests are also conducted and it is part of the evaluation system. Question banks are provided. The marked answer papers are returned to the students and an opportunity is given to the students to discuss the evaluation with the teacher. Any error is rectified on the spot by the teacher. The attendance at the end of every month is communicated to the students. Regular assignments are given during the academic year and they are evaluated. An end semester model question paper is provided. Mock practice and orals are also conducted and performance is evaluated. At the end of semester the university conducts examination and after the results are announced by the university again the results are evaluated and analyzed.

Feedback is collected from the students during the teaching process about the faculty methodology of teaching. At the end of the semester the feedback is analyzed by the HoD and two other senior faculty members and a consolidated report is submitted to the Principal about the concerned teacher's performance.

Parents are periodically informed about the children performance orally, telephonically and through post as required. Weak students are identified for arranging remedial classes / Tutorial classes. One teacher is identified for every 15-20 students who acts as student counsellor for the students and who monitors their academic performance.

The institute also conducts extracurricular and co-curricular activities for the students. Any short comings in the syllabus is taught as add-on course. All these steps will help in the academic performance of the student.

2.3.2 How does IQAC contribute to improve the learning process?

The college has constituted Internal Quality Assurance Cell (IQAC) on 09/11/2015. The IQAC has a program leader in the rank of senior Professor and member from each department. The Primary aim of the IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic performance of the institution.

IQAC monitors the entire academic program through its members regularly. The portion covered, lesson plan and the notes prepared by the faculty are often cross checked through class committee meetings and facts are noted for corrections. The students are allowed to speak freely so that the actual class room difficulties are noted and rectified by taking immediate and appropriate action. If any teacher does not fulfil the

academic expectations of the students, they are counseled in person and the faults are corrected before they take up the next class.

IQAC also informs to the students about AICTE, JUTU-K, Government Rules and Regulations with regard to the promotion to higher classes and statutory guidelines about teaching learning process. It also regularly reviews novel teaching learning methods like active and collaborative learning and takes efforts to implement the same

2.3.3 How does learning made more student centric? Give details on the support structure and systems available for teachers to develop skills like interactive learning or collaborative learning and independent learning among the students.

The college offers a lot of support services to its teachers for making the learning student centric. Some of them are:

- At URCET our participatory learning process ensures that every student in the class actively participates in the learning process. This is assured through adopting greater interactive teaching-learning methods like group discussions, seminars, presentations etc.

- We initiate leadership in our students through presentation of role models. From time to time, we invite industry leaders, hardcore professionals, leading businessmen and alumni to share their success stories with our students.

- Peers and senior students who have made their mark with the industry are invited to inspire our students to reach greater heights of professional excellence.

- We prepare our students to meet project requirements of the industry. Project work to be done by all students is carried out under the supervision of industry experts. This ensures that every student gets the opportunity to experience actual industry processes and work practices. This will prepare our student for placement with the industry.

- The knowledge content of the curriculum is on par with the best institutions in the country. With greater emphasis on application, we put firm foundation on theory.

- At the beginning of every academic year, the college organizes Faculty Development Programme (FDP) with resource persons from JNT University and other reputed organisations, wherein the faculty will be perfecting their teaching skills and also made conversantt with the intricacies of teaching-learning processes.

The skills learnt will be effectivelyy implemented during the regular class work.

- Institute has a very good library containing not only text books but also magazine on technical subjects, Journals, e-books (Digital Library, Video Library), NPTEL study material and project reports etc. Students and teachers make efficient use of these facilities for betterment of their knowledge. Departmental seminars, conferences, workshops, guest lectures, industrial visits, visits to R&D laboratories are organized to get a better exposure on the latest trends in learning for students and teachers.

- Due weightage for Project Approach, Seminars, GDs, PowerPoint Presentations etc is provided. Industrial visits and training is integral to Engineering curriculum, in both Undergraduate and Postgraduate courses. Students are involved in tutorials, laboratories, field projects and seminars.

- Internships help students acquire deeper knowledge, both theoretical and empirical.

- Life skills are imbibed by training the students in personality development and communication skills.

- Knowledge management skills are inculcated by inviting student ideas and concepts in hardware and software projects.

- Habit of life-long learning is infused by motivating the students to acquire latest knowledge in their respective fields.

- Students promote the lab to land concept in some of their extension activities thereby developing self-management of knowledge and skills acquired.

- The students are motivated to participate actively in the student chapters like CSI, IEEE, IE etc., wherein they will interact with outside world.

- Handouts are prepared by the faculty as per the guidelines of the IQAC to spread awareness on various issues like health, ecological concerns, and communication skills.

- Assignments are based on self study texts. Students are encouraged to browse, prepare question banks and handouts related to subjects.

- Mentoring the students on an individual basis for both their academic & emotional needs has been the student centric approach which is followed as:

S.No.	Skills Achieved	Strategies Used
1	Communication skills (Verbal)	Language Lab.
2	Presentation Skills, verbal & non-verbal	Seminar presentations, Project presentation, assignment presentation, inter- collegiate competitions.
3	Personality Development	Time management, Leadership, Campus to corporate with experts for workshops and seminars.
4	Professional skills	Experts from the industry, regular demonstrations and hands-on training during practical skills.
5	ICT skills	Through regular classes (theory/practical).

The support structures and systems available to develop skills are:

Interactive Learning

- Interactive Learning is achieved by adopting interactive method of teaching during regular theory classes through discussions & group activities.
- Interaction with industry experts are organised to expose students to the latest trends and developments in their fields.

2.3.4 How does the Institute nurture critical thinking, creativity and scientific temper among the students to transform them into lifelong learners and innovators.

- Students are encouraged to publish their scientific articles in the college magazine. Institute organizes events such as Technical Paper presentation, Student Symposium, Seminar, Project Exhibitions, Software development competitions, Problem solving competitions to develop and promote creativity and critical thinking among the students.
- Institute also encourages and guides the students to participate in the National Level Technical Competitions organized by other Institutes and Universities. Financial incentive is given to the best awarded students at the National level. Students are also given travel fare to present papers outside the campus.
- Institute invites eminent scientists, entrepreneurs and industry resource persons to share their success stories with our students.

- Institute insists and encourages students to bring out Technical Articles / Papers at the end of final year project so that they are exposed to Technical Paper writing skills, blind reviews, plagiarism and research ethics.

- Students publish their scientific articles in the competitions/ symposia conducted by other colleges. Students are involved in real time DST funded research projects as Technical support and this helps them to gain exposure to the latest research trend in the selected technical area and also inculcate in them the habit of reading which makes them lifelong learners and innovators.

- Students are involved in organizing National / International Conferences, Workshops, Seminars and Symposiums so that they get awareness about the importance of such activities in the college

2.3.5 What the technologies and facilities available and used by the faculty for effective teaching? Example, virtual laboratories, e-learning resources from national program on technology and enhanced learning (NPTEL) and the national mission on education through information and communication technology (NME-ICT) open education resources, mobile education etc.

For effective teaching by the faculty in the technology related subjects the following aids, are made available for the faculty.

- E-learning - The class rooms are provided with LCDs besides the language laboratories and smart class rooms.

- Modern multimedia teaching aids like LCD projectors, smart boards, OHP, internet enabled computer systems are available in most of the class rooms and other learning centres namely laboratory, library etc.

- Students are encouraged to use computer software for meaningful analysis of their experimental data in the laboratories. Institute also has e-books, e-journals which are valuable to the students.

- Institute supports teachers for membership of professional societies. Most of the teachers are members of societies like ISTE. The Institute has membership of DELNET consortium where the faculty and students can access over 750 scientific journals and 850 Engineering journals.

- High speed Internet connectivity in the campus enables the students and faculty to access e-resources, free journal, e-books. The institute encourages e-Journals and to use JNTUK CoE-eRD material.

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

- Online e-journals of various reputed international journals like IEEE, Springer, Elsevier Science direct, ASME are available in the library for the benefit of students and faculty.

- The staff members are encouraged to participate in short-term courses, staff development programmes and workshops on advanced topics to enhance their level of knowledge.

- The college arranges various training programmes for junior faculty members by eminent professionals in their respective areas from JNTUK and other reputed National Institute in Instructional Design and Delivery and other teaching & learning processes.

- Training to the teachers and students is also provided by Guest Lectures/ workshops which are organized by inviting experts / resource persons on advanced topics.

- During summer/ winter vacations faculty are sent for cross-training programs & refresher training program to get themselves acquainted with the latest trends in operations and technology. The college conducts Quality improvement program (QIP), Faculty Improvement program (FIP), Faculty Development Program (FDP) for faculty and students in coordination with the industry.

2.3.7 Detail (process and number of students benefited) on the academic, personal and psycho social support and guidance services (professional, counselling /mentoring / academic advice) provided to students.

The institute makes enough provision for student's need on the parameters listed in the above sections. Our faculty takes initiative in addressing the academic, psycho-social & personal needs of the students. The faculty identifies the students who need counselling.

- For every 20 students a teacher is appointed as a mentor/counsellor to counsel the students. The duties of this advisor or counsellor is to carefully monitor the student activities like regularity of attendance, participation in seminars and the performance of the students in internal and external tests and semester examinations. These counsellors help students to overcome their personal problems, academic issues, and admin related issues within the college under the supervision of the HoD.

- The counsellor also identifies the weak students and accordingly remedial / tutorial classes are arranged. The students get academic

and personal guidance from the concerned teachers apart from the counsellor.

- Such counselling has yielded fruitful results to students in terms of improvement of pass percentage and employability of students.
- There is a full time training and placement officer who trains the students in terms of soft skills and arranges lectures by experts on industrial/ technical skills.
- The personality development program organized by the institution also helps the students.
- Remedial programs & back to basics programs are conducted for needy students.

2.3.8 Provide details of innovative teaching and approaches/methods adapted by faculty. During the last four years? What are the efforts made by the institute to encourage the faculty to adapt new and innovative approaches and the impact of such innovative practices on students learning.

A number of innovative teaching methods have been adapted for effective teaching. These efforts are encouraged by the college.

- Guest lectures, organizing workshop/Training programs.
- Teaching through Power-point presentations, through Smart software enabling three-dimensional understanding of difficult topics.
- Participation in National &State level seminars
- Promoting students for presenting papers in National conferences etc.
- Group discussions at classroom level.
- Industrial visit and interactions with eminent personalities.
- E-journal (IEEE, ELSEVIER, SPRINGER etc.)
- NPTEL resource.
- Access to online journals throughout DELNET in the campus.
- Use of language lab for enhancing language skills.
- Organizing inter college and intra college technical contests.
- Students are encouraged to think independently and design and fabricate experiments in the laboratory.
- Encouraging teachers to prepare question bank in each subject for the use of students.
- Innovative learning methods like real time demonstrations, comparison of charts, picture quiz, group discussions, cross word puzzle and circuit debugging are encouraged.

These efforts have been instrumental in boosting the overall confidence level and technical knowhow of the student community at large. This has also proven as a milestone and a driving impetus towards placement drive.

2.3.9 How are the library resourced used to augment and teaching learning process?

The college has a very good central library located in the main building having adequate number of books, journals, e-books and e-journals. The library supports the teaching learning process by offering various services like:

- Online Public Access Catalogue (OPAC)
- Reprographic Service
- Book Reservation
- Internet Access
- Reference Section
- Competitive Examination Books
- Multimedia Service,
- Old (Previous years) Question Paper from University
- Digital Library- E-Books, E-Journals, E-Lectures & Videos
- Book bank facility

All the functions of the library are fully computerized. All the books are bar-coded in the library & barcode laser scanners are used in the circulation counter for quicker book transaction. The central library has carpet area of 500 sq.mts. with a seating capacity of 150 and with modern facilities like membership to DELNET, Discussion and Audio Visual rooms.

To augment the teaching learning process, the faculty uses the library resources like text books, reference books, educational CDs. There is a facility for downloading e-journal material, e-learning material that includes tutorials, frequently asked questions in the examination and presentations made by experts on special topics. News papers other related magazines are available in the reading room of the library. The faculty and students are given additional books if required in carrying out project work, paper presentation, seminars etc. The library is also equipped with a Xerox machine where the faculty and students may take Photostat copy/ print out from books or journals. Student's UG and PG project reports are stacked in the library for use of junior students. In addition to the above, each department has its own departmental library which stacks commonly used text books to cater to the JNTUK University curriculum.

The Library is kept open throughout the week for 10 hours every day from 8:00AM to 6:00 PM which facilitates its optimum utilization. The library has the following resources:

- Titles: 4080
- Total No. of Volumes: 17021
- CD ROM's: 1034
- e- Journals: 91
- Print Journals: 47
- Back Volumes: 131

Digital Library

Number of Computers: 10 with multimedia and Broad Band internet Connectivity.

E-Learning Material: NPTEL and other Video Courses about 600+

2.3.10 Does the Institution faces any challenges in completing the curriculum within the planned time frame and calendar. If yes, elaborate the challenges encountered the institution approaches to overcome this.

There is a CAC (College Academic Committee) in the institution in which all heads of departments and officer in-charge of examinations are members. This committee will plan for execution of the academic schedule given by the affiliating university.

The schedule for completion of each unit is planned and prepared by the members of CAC in consultation with the faculty members of the department. The head of the department will allocate the subject to the faculty in the department.

The faculty divides each unit into sub topics and assigns number of classes needed for each unit, taking into account of academic schedule prescribed by the university. The faculty members submit the unit wise subject completion to the HoD once in a month and the principal will oversee the syllabus completion once in a month. The subject completion includes the teaching of topics as given in syllabus apart from problem solving, demonstration of experiment etc.

In case in any exigency in completion of syllabus the faculty will request the HoD to allot few more classes to complete the syllabus on time. There are also certain challenges with regard to the completion of the syllabus.

University gives uniform time slots for all the subjects of all branches in engineering. However, there are some topics which needs less time and some other topics needs more time. In addition to this, there are some

slow learners and some other fast learners in the class. Managing such a class becomes difficult for the teacher. Prerequisite of the subject plays an important role in teaching. Engineering teaching is done in English medium while a majority of students study intermediate in telugu medium. This is a big challenge the institution is facing.

In the academic year 2013-14, during the I Semester, the class work was effected due to *Samaikyandhra* agitation in Andhra Pradesh for almost 1-2 months and valuable time was lost. To compensate the loss, additional classes were incorporated in the time-table on some Sundays and public holidays to make up the academics. In addition to this, e-learning material and study material is available with the student. University permitted the institution to keep additional working hours after the routine working hours. These are some of the challenges the institution has faced and has overcome them.

2.3.11 How does the Institute monitors and evaluates the quality of teaching learning?

The quality of teaching learning is assessed by the Institution in the following ways:

- Institute takes feedback from the student about the teacher in every subject, apart from feedback from the industry, employees, alumni and parents.

- Institute conducts monthly tests, quizzes and assignments and mid-semester examination and evaluates the performance of the student. Based on these results, additional classes are conducted after the regular class work is over.

- The weak students are identified and additional coaching is given. Institute also has a mechanism for online evaluation of students and university examination results regularly.

- Senior faculty members will monitor the teaching of junior faculty and if required share their teaching notes with the junior faculty.

- Institute also evaluates the project reports prepared by the students. Institute identifies university rank holders in each branch of engineering and awards are presented to them on the college day. Such a step will give encouragement to other students.

- *Quality of Teaching:* Monitored through feedback, both written and online from the students every semester. The management and senior staff go on rounds and choose to sit in classes and monitor the teaching methodology. The performance is evaluated and corrective measures by way of in-service programmes are held.

- *Teaching Methods:* Training programmes are organized for effective communication skills. Experts are called to reorient the staff to new teaching methods.

- To monitor & evaluate the quality of teaching learning, the institution through the IQAC monitors the diaries – lesson plan of part-time/ visiting faculty. Principal keeps a check on the recorded activities of HOD & class –coordinators.

- The learning process of students is evaluated through the unit test, quiz-viva & preparatory exams. Students requiring personal extra tutoring are taken care of by the class coordinators.

- Objective – type tests, group discussions, assignments, oral presentation & routine mock-tests are employed in order to make assessment more skill oriented.

2.4 Teacher Quality:

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

The college recruits qualified, experienced and capable faculty well before the starting of the academic year and also as and when the need arises and thus maintains a faculty student ratio as per the norms of AICTE and JNTUK. The Institution believes that the qualified and competent teachers are essential to shape the young students.

A systematic procedure is followed for the recruitment of the faculty:

- Faculty requirement is identified by the head of the department and he will forward the requirement to the principal of the college.

- The selection committee is constituted by the principal including HoD, and one senior faculty in the concerned subject as subject experts.

- The principal submit the selection list to the BoG for approval. The selection process is totally transparent and merit and experience is only criteria for selection of faculty.

- The faculty after initial selection in the college have to appear for interview/ written test by the university for ratification. University will conduct the interview with subject experts and ratify the faculty.

- With regard to staff selection, the requirements of non-teaching staff are collected from each department well in advance by the office of the principal and hands on experience of the staff will be

tested. The principal submit the selection list to the BOG for ratification.

A healthy and good retention ratio is maintained in the faculty cadre by creating a good environment and providing incentives as detailed below.

- Special academic leave for research and Ph.D. work.
- Sponsoring for higher education, seminars, workshops to enrich their knowledge.
- Incentives for paper publications
- Time bound and performance based promotions.
- Group insurance scheme.
- Contributory EPF facility for the staff.
- Providing facilities like subsidized canteen and free transport to the faculty.
- Providing medical leave, study leave for faculty whose services are regularized and ratified by the University.

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
Ph.D	18	0	0	0	0	0	18
M.Phil	0	0	4	2	6	4	16
PG	0	0	31	3	83	29	146
Adhoc Teachers	0	0	0	0	0	0	0
Temporary Teachers	0	0	0	0	0	0	0

2.4.2 How does the Institution cope with growing demand / scarcity of qualified senior faculty to teach new programs / Modern areas (emerging areas) of study being introduced (bio-technology, IT, Bio informative etc.) provide details on the efforts by the Institution in this direction and the outcome during the last three years.

The college has qualified faculty to handle all the subjects as proposed in the curriculum of JNTUK University to which the college is affiliated. In all the new courses added and to teach subjects in emerging areas, the college has always strived to employ persons of repute with domain expertise. The young faculty are encouraged to pursue their Ph.D. through QIP/ Part time programme and get the expertise in latest emerging areas. For ex, there are good number of faculty are having

expertise in the emerging areas of cloud computing, artificial intelligence, robotics etc. The institute always strives to give the best input the students. A step in this direction is taken by utilizing the services of retired faculty from universities / NITs. to enhance the efficacy of teaching learning processes.

Senior faculty from other institutions and universities are invited to deliver guest lectures. Middle level faculty namely associate professors are asked to attend these classes so that, for the subsequent years these faculty will handle these subjects, R&D person are also invited to deliver expert lectures and act as resource person. As per the existing policy of AICTE, Institute invites adjunct and eminent persons up to 20%, where ever required.

Faculties are encouraged to participate in national conferences and workshops to learn latest trends in emerging areas of technology. Some of our faculty members attended conferences and workshops in inter-disciplinary and multi-disciplinary subjects.

2.4.3 Provide details on staff development programs during the last four years and elaborates on the strategies adopted by the institution in enhancing the teacher quality.

    a. **Nomination to staff development programs**

Every department of the institute conducts the faculty development programme and National / International conference annually. Following are the faculty development programmes conducted over the last four years :

Academic staff development programs	No. of faculty trained during the programmes							
	CSE	ECE	EEE	IT	MECH	CIVIL	BS&H	TOTAL
2015-16 (As on 29-02-2016)								
Refresher courses	5	4	1	3	6	0	0	19
HRD programmes	0	0	0	0	5	0	0	05
Orientation programmes	4	5	1	4	6	0	0	20
Staff training conducted by the university	0	0	0	0	0	0	0	0
Staff training conducted by other institutions	0	0	0	0	0	0	0	0
Summer / winter schools, workshops, etc	1	1	1	1	4	0	0	8
2014-15								

Academic staff development programs	No. of faculty trained during the programmes							
	CSE	ECE	EEE	IT	MECH	CIVIL	BS&H	TOTAL
Refresher courses	5	4	1	3	5	0	0	18
HRD programmes	0	0	1	0	3	0	0	04
Orientation programmes	6	8	0	5	3	0	0	22
Staff training conducted by the university	0	0	0	0	0	0	0	0
Staff training conducted by other institutions	0	0	0	0	0	0	0	0
Summer / winter schools, workshops, etc	0	0	0	0	6	0	0	6
2013-14								
Refresher courses	5	5	1	5	5	0	0	21
HRD programmes	0	0	1	0	3	0	0	4
Orientation programmes	5	9	0	2	4	0	0	20
Staff training conducted by the university	0	0	0	0	0	0	0	0
Staff training conducted by other institutions	0	0	0	0	0	0	0	0
Summer / winter schools, workshops, etc	2	0	0	0	5	0	0	7
2012-13								
Refresher courses	5	4	1	2	3	0	0	15
HRD programmes	0	0	0	0	2	0	0	2
Orientation programmes	5	4	0	2	3	0	0	14
Staff training conducted by the university	0	0	0	0	0	0	0	0
Staff training conducted by other institutions	0	0	0	0	0	0	0	0
Summer / winter schools, workshops, etc	2	0	0	0	2	0	0	4

b.   Faculty training programs are organized by the institution to empower and enable the use of various tools and technology for improving teaching learning.

Teaching learning methods/approaches: The JNTUK organized teaching methodology workshops in core engineering branches where some of our faculty members participated. The various innovative methods for teaching learning used by the faculty include, Use of Power point presentations (Prepared by Faculty members), Use Of Smart Classes, Use of Virtual labs for experimentation, and Use of e-resources such as EDUSAT, NPTEL and IEEE terminals. Orientation Programme at the onset of academic year. Pedagogical techniques for the faculty by experienced Professors.

Handling new curriculum: During intra-semester breaks subject experts were invited to the institution to deliver new curriculum. All the teachers in the department attend and learn new subjects. Faculty members are deputed to FDP Programmes conducted by JNTUK University whenever needed. Interaction and discussions with senior faculty of JNTUK University through departmental advisory committee meeting helps the faculty in handling the curriculum changes.

Content/Knowledge management: The University formulates the curriculum and detailed syllabus. The course content gives details of the syllabus based on the syllabus prescribed by the University. The teachers sub divide them in modules and see how best the knowledge is imparted to students.

Selection, development and use of enrichment materials: Apart from the text books the teachers prepare their own class notes incorporating various examples, problems etc. Each unit is further divided in modules and module is further divided in to classes. Access to highly informative learning materials developed by institutions of higher learning such as NPTEL by IITs and MIT will be explained to faculty.

Assessment: The self-appraisal report is one of the major yard stick used for the promotion of the faculty. It gives a clear picture in terms of their research needs. Suggestions to improve the academic system are given by the faculty through self-appraisal report which is used as a reference by the college.

Cross cutting issues: Several cross cutting issues such as climate, gender, environment awareness, and human rights are given ample of weightage. There are large numbers of girl students in the college. University has introduced compulsory subjects such as Environment and Ecology and Human values in the curriculum to sensitize students on these burning issues. Motivation and arousing curiosity are given predominance, Enhancing of faculty retention

rate through periodic review process, Immediate application of concepts learned in the classroom environment.

Audio visual aids / Multimedia: All Class rooms are equipped with LCD Projection Systems, LCD Screens, Wireless Audio systems and Green board. These facilities enhance lecture delivery and effective communication. Institute depute faculty for NPTEL awareness program. The faculty after returning conducted the program in the institution on the use of multimedia for NPTEL lectures. Faculty members are trained to use webinars, open source journal, and e-books.

Teaching material development, selection and use: All faculty members have well prepared notes, laboratory manuals and power point presentations made from various reference books. The faculties are given free access to internet which helps them to collect learning material. The college has a well stocked library containing books and journals of various subjects. Furthermore, the college organizes seminars, conferences, guest lectures and invited talks in conferences etc which help as a learning source for the faculty etc. The use of audio visual devices and computers in classroom further empowers the faculties.

Other: The other Educational resources like web based learning handbooks, simulation /physical models are also encouraged to be utilized for lecture delivery.

c. **Percentage of faculty:**

Invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies: 20% (Approximately)

Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies: 40% (Approximately)

Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies: 50% (Approximately)

Details of faculty attended FDP, Seminar and Workshops :

2015-16							
Program	EEE	ECE	IT	CSE	MECH	CIVIL	H&S
FDP	02		08	20	5	1	
Seminar	05		02		12	0	
Workshop	01		02	1	24	9	
2014-15							

Program	EEE	ECE	IT	CSE	MECH	CIVIL	H&S
FDP	02		13	20	3	0	
Seminar	11		5		8	0	
Workshop	0		02	2	6	0	
2013-14							
Program	**EEE**	**ECE**	**IT**	**CSE**	**MECH**	**CIVIL**	**H&S**
FDP	02		12	20	3	0	
Seminar	04		5		9	0	
Workshop	0		2	1	5	0	
2012-13							
Program	**EEE**	**ECE**	**IT**	**CSE**	**MECH**	**CIVIL**	**H&S**
FDP	01		12	20	2	1	
Seminar	03		4		6	0	
Workshop	02		1	0	2	0	

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.)

The institution extends full support for the professional development of the faculty in many ways.

The institution deputes its teachers to attend refresher and orientation programs, conferences, seminars and training programs organized by other institutes, universities and research organizations.

The institution also organizes number of seminars, workshops and special lectures for the benefit of its faculties and students.

The institute encourages faculty to upgrade their knowledge and supports them to pursue their higher studies as given below.

Support for pursuing Ph.D / M.Tech.

- Deputation under the quality Improvement Program of the AICTE for doing Ph.D. / M.Tech. For this, the faculty member must have put in at-least 3 years of service at URCET.

- A faculty member who gets admission in any I.I.T/.I.I.Sc. /NIT for Ph.D. /M. Tech. will be considered for grant of study leave and financial support during the leave period. The quantum of financial support will be decided by the Staff Development Committee (SDC). Extending this type of support is subject to the concerned faculty member giving an assurance in a manner to be decided by the SDC that he/she will serve the URCET after completion of the M.Tech./Ph.D. program for some specified period to be

determined by the SDC based on the length of the study leave period and the quantum of financial support extended.

- Any faculty member who wishes to do Ph.D. on part-time basis while continuing to work in the institute, will be considered by the SDC for support in one or more of the following ways:

   a) Re-imbursement of registration fee paid to the University and expenses towards preparation of the thesis, subject to a ceiling of Rs. 15,000/-

   b) Relieving him/her of some/ all of the administrative responsibilities, if any, and arranging the time table in such a way that his / her normal teaching load (theory & Practical) is taken care of in 5/4 days of the week, so that he/she can be given "off" for ½ day in a week for concentrating on the Ph.D work.

   c) Giving study leave with full salary for a period of up to a maximum of 4 months either at a stretch or in a few spells of 15 days each time for devoting his/her time for doctoral work.

Faculty members registering for Part-Time M.E./M.TECH

Faculty members having only B.E./B.Tech. degree will be encouraged to do part time M.Tech. /M.E. degree programs of JNTUK. Among them, those who have already put in 2 or more years of service at URCET at the time of registering for the M.E./M.Tech. (part-time) program, will be considered for partial re-imbursement of the tuition fee for the M.E./M.Tech. program if they give an undertaking to continue to serve URCET at least for 2 years after getting the M.E. / M.Tech degree. Further, they will be eligible for one increment in their scale, on getting the M.E./M.Tech degree.

Deputation for Refresher courses, Workshops and Seminars

To enable the faculty of URCET to keep themselves abreast of the latest developments in their fields of specialization, which is absolutely essential in these days of rapid changes in technology, they will be deputed, at regular intervals, to attend short term refresher courses, workshops, and seminars etc. being organized by the various I.I.Ts., I.I.Sc., N.I.Ts., Universities and other reputed institutions. Faculty members so deputed, will be treated as "on duty" for the duration of the course and the to-and-fro travel time. Further, the registration fee for the course will be borne by the URCET and the faculty will be paid to-and-fro II class (sleeper) fare for the travel. Deputation of faculty members for such refresher courses will be decided by the Principal based on the recommendation of the Head of the Department concerned.

Presenting papers in Seminars:

Faculty members presenting their research papers in Regional/National/International Conferences /Seminars/Workshops will be paid the registration fee (subject to a ceiling of Rs. 3000/-) and also to-and-fro sleeper class railway fare, provided the International Conferences is held within the country. Further, they are treated as "on duty" for the duration of the conferences and the to-and-fro travel time.

Incentives for publishing papers in journals:

An amount of Rs 5000/- and Rs 2000/- cash incentive will be given to faculty for publishing papers in international and national journals of repute respectively.

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.

- The college creates a work culture by motivating the faculty to excel in their areas of research and teaching. The college has constituted best teacher awards to faculty basing on their meritorious work in the fields of teaching and research. Faculty members are recognized at the institutional level on the basis of their results at the university level.

- Faculty members achieving good results are rewarded. The best performing teacher is identified and honoured with best teacher award for excellence in academics. The award carries citation, memento and cash.

- Over the last eight years, large number faculty members from each department have met these criteria and have been suitably awarded.

- Furthermore, this appreciation has been instrumental in scaling heights in results. Every year, a good number of our students across various streams have secured Gold, Silver and Bronze medals at the university level.

- Due to this, the college has earned the distinction of―Best upcoming Engineering College in JNTUK, Kakinada among all Engineering colleges.

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

There is a system for evaluation of teachers by the students and by external peers. A format is prepared and given to the students to give their fair and frank opinion about the subject taught. The feedback from the students will be taken twice in a semester before the mid examinations. The two times feedback system helps to identify the strengths and weaknesses of the faculty in the middle of the semester. The HOD or Principal will immediately counsel the faculty if deficiencies are observed such that the faculty can improve from that point onwards. The data is analyzed and constructive suggestion is given to teachers about their methodology of teaching, style of teaching, use of innovative methods for teaching, development of laboratories, projects, paper publications, R&D activity.

The performance appraisal of each faculty which will be collected annually, will be analyzed critically at the end of the year and the faculty are guided basing on that, if necessary. The syllabus coverage and other class room teaching aspects will also be discussed in the class work review committee meetings which are also held twice each semester. This will also improve the teaching and learning processes.

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 rules and regulations, curricula, syllabus for all the programs offered by the Institute is made available to all the students through the syllabus book. All these details with regard to evaluation process are also displayed on the Institute notice board. A copy of the same is also made available with head of the departments and copies made available in the library. These details are also displayed on the Institute and affiliating University websites.

The academic regulations contains the detailed evaluation processes, curricula, syllabus, and the minimum attendance to be put in by a student for taking examination. They also specify the minimum credits required for a student to acquire a degree and the rules for promotions to higher classes with back logs, if any. Details about the internal marks and external examination marks are also included in the syllabus book. The syllabus book also contains the number of contact hours, both theory and practical's and number of units included in each paper in addition to, the list of experiments to be carried out by the student in each semester.

On the induction day, and during the orientation programme conducted in the beginning of the odd semesters the HoD's will inform the above details to the students and their parents requesting them to read the contents in the hand book and follow them accordingly. As the students are aware that they are being evaluated continuously, good attendance and participation in the class is ensured.

The end examination and mid semester examination are conducted by the university and the Institute has no role in setting the question paper or evaluating the answer paper.

2.5.2 What 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 evaluation process is instrumental to a student's personal and career development. We also follow the continuous evaluation methods in the classroom which is based on interaction in class, presentation, seminars, performance in assignments and practical.

Evaluation reforms of the University:

- University conducts the online mid semester examination. These questions are purely objective. The performance of the student is automatically recorded in the university examination portal.

- The students can also know the number of right/wrong question he has answered and marks obtained thereon. This system is totally transparent and a major reform brought in by the university.

- With regard to the final examination conducted by the university, a student who feels that he secured less marks than his expectation can approach the University for Recounting, Re-evaluation with personal identification paper after paying fee as stipulated by the university.

Evaluation reforms by the College:

- Essay type questions are answered by the students and evaluated by the teachers. After evaluation the papers are shown to students, discussed with the students, where he has gone wrong in answering a particular question and the reason for giving less marks or the reason for not giving maximum marks for that question.

- If the students are satisfied with the marks awarded by the teacher, his signature is obtained on the answer sheet.

- If the students are not satisfied with the marks awarded by the teacher he makes an appeal to the HoD who in turn will constitute a committee and the committee will look into the grievances raised by the students. Accordingly, the marks given are either modified

or remain same. This shows the evaluation process adopted by the institute is transparent.

- Institute conduct a Pre-University test for three hour duration, this is an exact replica of the End semester university exam.

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 institute effectively implements the evaluation reforms of the university and that of the institute to ensure total transparency in the evaluation methodology.

- The internal examination papers conducted by the institute are shown to the students and when the student is satisfied with evaluation methodology he will sign on the answer script otherwise approach the HoD for redressel.

- Records are maintained in the HoD office with regard to the performance of all the students in all the subjects. A copy of it made available in the examination branch.

- Students and their parents can visit the institute any time and discuss the performance of their children with the HoD and consult faculty members. The internal examination papers after evaluation by the teacher are randomly checked by the HoD to know the evaluation pattern adopted by the teachers.

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

Formative Assessment:

The Primary objective of formative assessment is to monitor student learning, to provide Feedback regarding the ongoing lectures that can be used by instructors to improve their teaching and simultaneously by students to improve their learning. Formative Assessment of the students is done through Assignments, Presentations, Industrial visits, Class interactions, Group discussions / Viva-voce, Workshops/Seminars, Projects, Written and practical tests, Inter college competitions, Overall attendance and conduct during the session.

Summative Assessment:

The goal of summative assessment is to evaluate learning developed by a student towards the end of semester. Summative assessments are often high stakes, which means that they have a high point value. Summative Assessment takes place at the end of the academic session which is conducted by the college in the form of a Pre-University test at the end

of the semester. This process helps the students to gain confidence and to achieve good results.

This is how the institution uses the formative and summative evaluation approach to measure the student's performance. Finally, the university conducts a summative evaluation (End semester examination) at the end of each semester through the following.

- Written Exams
- Practical Exams
- Comprehensive Viva voce
- Project work

The formative assessment helped the students in gaining more knowledge and thus made them in performing well in the campus recruitment process.

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 behavioural aspects, independent learning, communication skills etc.)

Complete transparency is maintained in the internal assessment. All the students are familiarized about the transparency in internal assessment. Each theory subject is evaluated through internal and external exams. As per the regulations Internal and externals are conducted for 30 and 70 respectively. Two internal examinations are conducted for every semester. The internal examination is so designed that they test not only the subject knowledge of the student, but also his / her analytical and problem solving skills. Each internal assessment through the tests carries 25 marks (15 subjective+10 online).The best of 2 tests is considered. The assignments carry 5 marks.

Transparency in the evaluation is maintained by returning the valued scripts to the students to enable them to check the marks and to draw the attention of the teacher to the discrepancy, if any, either in the awarding marks or totalling of marks.

Students are also provided an opportunity think independently, learn independently and act independently in domain-subject. Any new idea coming from the student is always encouraged and the HoD and other faculty members sit together with the students to transform the student ideas into a reality. The institution organizes classes on communication skills, technical skills that will help the student to grow significantly in his academics and his behaviour.

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

The JNTUK specifies the graduate attributes in the form of program outcomes specific to each program offered by the university. The program outcomes are aligned with the engineering graduate attributes namely:

- Engineering knowledge and skill development
- Problem solving
- Design and development for a particular problem
- Investigation of complex situation on problem
- Use of modern tools
- Ethics and individual and team work
- Communication skills
- Technical skills
- Project management
- Finance
- Lifelong learning
- Environment and sustainability
- Service to the society

Our institute also follows the similar pattern and has clearly stated learning outcomes which are in concurrence with the university. The vision and mission of the institution clearly states and stresses on the holistic development and a passion for learning of the individual. Every department has well defined Program Education Objectives (PEO). Further, they have clearly defined program outcomes (PO) and course outcomes (CO) and cross mapping has been done in between PEO, PO and CO. Moreover, evaluation of each PO and CO is done to check whether students have achieved them, and then use the results to make our courses better.

The students are made aware of the learning outcomes in the classrooms, departmental, technical society meetings and the meetings conducted by the HoD from time to time. The faculty is made aware of the learning outcomes for each course which is clearly indicated in the curriculum provided to the students. In addition to the above, the institution adopts the following modes for delivery of the subject.

- Lecture delivery with the discussion from the student
- Presentation of subject using LCD projector.
- Tutorial class

- Demonstration
- Individual / Group projects
- Guest lectures
- Seminars and assignments
- Industrial visits
- The program objectives are also evaluated by the following way:
- Participation of the student in the class and his attendance in the class.
- Assignments
- Internal assignment examination
- Independent leering and behaviour aspects
- Paper feedback

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

Yes, the institute and teacher use the assessment and evaluation as an indicator for performance of the students. The teacher while formulating the course keeps in mind the objective of the course. The teacher also keeps in mind the objectives to be fulfilled at the end of the course.

- At the end of the lecture, verbal questioning and answers is encouraged.
- The students' satisfaction and application of knowledge in solving a problem is kept in mind.
- Mock tests give information about the performance of the student.
- Lab skills and lab experiments performed by the students' shows the skill of the students.
- The written tests namely the internal and external examination is expected to yield enhanced knowledge content and depth of understanding of the subject.
- The project assessment gives idea about the practical and technical knowledge.
- The class attendance shows the punctuality and discipline of the student.

2.5.8 What are the mechanisms for redressal of grievances with reference to evaluation, both at the college and University level.

At college level:

The answer scripts of internal examinations are shown to the students after evaluation to bring out the discrepancies, if any, to the notice of teacher concerned, and the necessary corrections will be made.

If student is not satisfied with the marks awarded in any subject/ laboratory after bringing it to the notice of the teacher concerned, he/she may represent the same to the Chief- Superintendent of Examinations through the HOD concerned.

At University level:

The student is entitled to apply for revaluation in theory subjects by paying the prescribed fee to the University. The University will take up all such applications and re-evaluate the scripts by competent subject teachers. However, if there is no improvement, earlier marks will be retained.

The student is also eligible to apply for challenge revaluation in theory subjects by paying the prescribed fee to the University. Challenging revaluation is carried out by two subject experts in the presence of student at the University. If the improvement in total marks is equal to or greater than prescribed percentage of the total marks, the fee paid will be refunded and further the improved marks will be treated as final marks in that subject.

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?

Yes, the institution has clear vision about learning outcomes. The learning outcomes are defined in terms of program education objectives, program outcomes, course outcomes.

Each department prepares programme outcomes for each subject basing on the criteria mentioned by AICTE. Each programme will be mapped to cover some of the following outcomes.

a) The ability to work independently

b) The ability to work in a team

c) The ability to communicate well via oral presentations

d) The ability to effectively express ideas through written communication

e) The ability to apply knowledge of basic science, mathematics and Engineering principles to solve complex problems

f) The ability to write correct and good computer programs

g) The ability to construct appropriate abstractions to manage complexity and to think creatively about new problems

h) The ability to understand the professional ethics and responsibilities of an engineer

i) The ability to understand the implications of contemporary computing and information processing issues relative to society

j) The ability to acquire the foundations to do well in post graduate school

k) The ability to compete and succeed in competitive examinations

The PEOs, POs are published in college web sites and on departmental notice boards. The learning outcome for each course is clearly indicated in the course curriculum provided to all the students. The learning outcomes are notified in the academic documents given to students and faculty. The learning outcomes are also made known to parents during parent meet.

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 student's results / achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

The institution conducts internal examinations that consist of unit tests, mid semester examinations, practical and oral examination. Based on the marks obtained in each of the above test the progress of the student is monitored.

The student performance also helps to get a feedback of his progress and accordingly remedial measures are taken. Institute communicates the progress of the student to their parents through SMS, through telephonic message and also through a letter.

The affiliating university also conducts mid semester examination. The results of performance of this mid examination are communicated to parents. Based on the university mid examination and end examinations remedial measures are taken and progress of the student is monitored periodically. Institute carries out the analysis of each program every year.

Result Analysis: Pass Percentage (%)

Courses	2014-15	2013-2014	2012-2013	2011-2012
B.Tech (CSE)	58.33	91.66	75	81.66
B.Tech (ECE)	66.4	64.7	65.6	58.4
B.Tech (EEE)	80.00	75.00	78.33	62.05
B.Tech (ME)	49	50	NA	NA
B.Tech (CE)	76	92.72	NA	NA
B.Tech (IT)	60	80.39	93.47	93.10
M.Tech (CSE)	94.44	NA	NA	NA
M.Tech(VLSI&ES)	65	56	25	NA
M.Tech(St.Eng)	27.7	NA	NA	NA
M.Tech(MacDes)	NA	NA	NA	NA

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

The curriculum is prescribed by the university and the teaching-learning program adopted by the institution always aim at the academic excellence. The institution adopts the following strategies for both undergraduate and postgraduate students:

Teaching Strategies

- Faculty development programs are conducted by the institution from time to time.

- A course file has been prepared before the beginning of each semester which includes quality policy, quality objective, program education objective, syllabus, lesson plan, assignments, previous year question papers and hand-written notes.

- Library books are procured based on the teacher syllabus requirements from college library and departmental library.

- Class visit by HODs to assess the teaching standard of faculties and suggestions for improvement if required.

Learning Strategies:

- The institution has a conducive learning environment. Slow learners and advance learners are identified and given remedial classes and special assignment respectively. Every department has a buddy programs in which advance learners will also help slow learners.

- Library and computer lab working hours are scheduled keeping in mind the extended support these departments can extend after regular class hours.

Assessment Strategies

- Classroom interactions help teachers to assess the learning outcome of that session

- Regular tests and exams are conducted and the result analysis done.

- Every student signs student attendance before every sessional test (ST-1, ST-2 and PUT).

- Library issues book bank (text books prescribed in the curriculum) to every student before the commencement of each semester. Apart from these books, library books are also issued to the students for prescribed time.

- The institution also has mentoring sessions, grievance cell to cater to the diverse requirements of the students.

- The training and placement cell of the college nurtures the entrepreneurial skills of the students, and encourages student in public speaking and group discussion through Personality Development Programs (PDP) and Campus Connect Programs (CCP).

- The Sciences & Humanities (S & H) department encourages students in creative writing, vocabulary and language exercises.

- Every department has its technical society/clubs, which conducts different events on enhancing creative talent of students.

- The sports committee caters to the physical development of the students by not only encouraging them to participate in various sports but also develop sportsmanship in them.

- Guest lectures, workshops, seminars and conferences are conducted by every department for graduate and postgraduate students.

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?

The college takes a holistic approach and trains its students not only making them placement- ready but also enlightens them about various other means for a brighter future like becoming entrepreneurs. Various measures are taken to achieve these goals. They are:

IBM Career Education Program: IBM and URCET have collaborated in order to equip students with knowledge and skills which will better position them in today's dynamic IT industry. The partnership will aim to make the workforce future ready, leading to enhanced employability.

IBM Career Education courses are designed to develop the right skills and nurture basic competencies that are needed to success in this dynamic industry. The program curriculum brings together the latest software content, real-world industry experience, hands-on lab courses and best practices, all into a single unique education program, to prepare students to be readily acceptable in the IT industry and by leading IT companies.

Along with Software Foundation modules, the Program will cover various IBM Software technologies such as IBM Rational for Software Engineering and Quality, Information Management using IBM DB2. Career Education courses also enable students on emerging technologies such as Mobile Application development and testing, Cloud Computing etc.

Experiential Learning from IBM Career Education:

The Program also caters to a requirement of college curriculum of Projects based on real world problems, which students can now undertake under the guidance of IBM designated experts. Through application of knowledge, reflective thinking, hands-on exploration and team interaction, this live work experience will familiarize students with industry standard methodologies like RUP and IBM Rational Tools and deployment on IBM Middleware. The Experiential Learning module covers all phases of application development right from understanding various challenges and analyzing requirements of a particular industry, to designing, developing, testing and deploying a suitable solution.

Oracle Workforce Development Program:

The Oracle Workforce Development Program is a worldwide program offered by Oracle University. It gives individuals in the community more options to develop the knowledge and experience with Oracle technologies that will position them for success in their careers. The program enables educational institutions to offer authorized Oracle training content as a part of existing certificate, diploma and degree programs. This makes it easier for more people to develop Oracle skills and earn credentials that will lead to career advancement.

Oracle Workforce Development Program Benefits Include:

- Access to the latest Oracle training courses, including Database Administration, PL/SQL, Java, Linux, Primavera Project Management, Oracle Applications, JD Edwards, Siebel, PeopleSoft, e-Business Financials, Solaris, Clinical, HR and SCM
- Comprehensive, lab-based, hands-on practice with Oracle software & hardware
- Flexible options to attend training - weekend and evening classes, Live Virtual classes, On Demand and more
- Validation of skills through industry recognized Oracle Certifications
- Expert assistance in choosing courses and educational paths
- Access to resources like e-Lance and o-Desk to help Oracle Certified Professionals find work

Microsoft certification program - Microsoft Technology Associate:

URCET got Platinum Certification for training the students to equip with knowledge and skills of Microsoft. The Training part in "Cloud Competency and related courses" is carried out under the Supervision of Microsoft.

Tata Technologies :

- TATA Technologies made MoU with USHA RAMA COLLEGE OF ENGG and TECHNOLOGY on BRIDGE (Bringing Industry Define Graduate Engineers) Program
- Collaboration of TATA technologies with URCET is **First time in South India** and third College in India.
- An Exclusive High configuration, State of the art Lab for centre of competence was established.
- TATA Technologies Provides the Software like AutoCAD, CATIA, 3DVIA, DELMIA, CAE-MSC, ENOVIA.
- Students will be able to Create and edit their own designs Using these software.
- Students not only create features needed for plastic part design but they learn the process behind the design.
- Students will get trained on various manufacturing process in virtual world which can't be possible in real world.
- Practical knowledge required in the real time world will be the main focus of this training
- World class training provided under the guidance of Tata Technologies.

- Students will find opportunities in various MNC's and R&D centres.

Intel ® College Excellence Program:

The Intel College Excellence Program is focused on three areas:

- Curriculum enhancement, with focus on experiential learning, at leading engineering colleges.
- Delivery of training programs in areas like innovation and entrepreneurship.
- Digital literacy programs are offered in rural areas to promote entrepreneurship among youth and women.

SAP University Competence Centre:

This centre organises courses on Introduction to SAP ERP using GBI 2.3 explains how the fundamental business processes interact with SAP ERP in the functional areas such as Sales and Distribution, Production Planning, Financial Accounting, and Human Capital Management. Materials provided include an introduction to SAP, an SAP ERP navigation case study as well as slides, exercises, and case studies for each of the below SAP ERP modules.

PDP: Besides the above, URCET strives to inculcate responsibility and accountability in its students; responsibilities towards their organizations and accountability towards the society. The college conducts Personality Development Program which enhances the soft skills of students, building up their self-confidence and motivating them to scale new unbound heights of glory.

T & P Cell: The Training and Placement Cell is committed to fulfilling the dreams of all those who graduate from our institute. The main objective of the placement cell is to place the students in good companies. This is achieved through campus selections conducted in the college for which the students are trained in aptitude, technical and soft skills, much ahead of campus selections. The Cell believes in overall development of the students' personality, which will help them to achieve a rewarding career.

Other activities like Students motivation camps, seminars and guest lectures' through Entrepreneurship Development Cell (EDC), Conducing technical symposiums and competitions make students to present their innovative ideas are some other activities that have shown considerable improvement in students placement and translation of innovative ideas into use work. The research culture among the students also has considerable improvement apart from the social responsibility among the students.

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

Institution has specified procedure to collect and analyze data on student learning outcome; the following points are adopted by the institute in this context:

- Continuous evaluation comprising of class tests, sessional tests, pre-university test, assignments.
- Internal and External examination
- Mentorship classes, class tests, viva in the lab
- Projects
- Seminar and project presentation by students
- Students who have joined higher studies and working presently is maintained by the individual departments.
- Alumni to identify the needs of the industry from fresh engineers.

Institute has taken following steps to overcome barriers:

- During the campus interviews based on the assessment parameters of the company, the training programme will be modified to improve the performance of the students.
- Internal and External examination results and its analysis on various subjects is used to identify the difficult subjects and extra classes are organized for these subjects for the next batches to improve the pass percentage..
- By showing answer books to students to make them understand their relative strengths and weaknesses
- Minimum attendance percentage (75%) and eligible criterion is followed
- Extra classes for weak students to solve their problems
- The regular evaluation of teachers (syllabus monitoring, faculty feedback (after every semester)) helps in the improvement of learning outcomes

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

The institution has a clearly defined, set mechanism to monitor and ensure the achievement of the learning outcomes:

- Teaching, learning and evaluation processes are submitted by the faculty for each subject at the beginning of the semester, and the same are displayed on the college website.

- Attendance is compulsorily taken for every lecture and laboratory schedule is fixed.
- The sessional tests and assignments are corrected within a short duration and the marks are entered in work register, and copies are shown to the students in the classrooms to make them understand their relative strengths and weaknesses.
- Collecting and disbursing data about the performance of the students in the previous qualifying exam before commencement of the course to assess the ability of the student (toppers and weakers are identified in the beginning of the semester)
- Slow learners and advance learners are made buddies to help each other.
- The library also supports with the issue of relevant books, reading material, previous years question papers, e- and printed journals.
- Review and counselling on attendance and performance wherever needed.

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

Yes. The Principal considers student result analysis and the feedback to give proper directions with respect to teaching-learning process, mentoring process and other activities related to learning outcomes. Examples:

- Planning the calendar of events for each semester.
- The feedback report is given to the faculty members. The faculty member having poor feedback is called for discussion by the HoD and counselled. The HoD monitors the performance of such faculty members.
- The faculty members are informed to discuss the real life problems in the class through presentations or videos.
- Suggesting the faculty members to conduct extra classes for the academically weaker students.
- *Mentoring system:* the faculty members engaging first year are the mentors for the first year students. The performance of these students is continuously monitored and is reported to the parents. Mentoring for the higher semester students is done at the department level.
- Arranging the invited talks by eminent personalities from industries and other organizations to motivate the students.

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. As of now the Institution is not recognized as a research centre by the affiliating university. The affiliating university viz., the JNT University Kakinada will recognizes only the department as research unit. The institution is slowly acquiring facilities to carryout research in major branches of engineering. Institution propose to approach university shortly for recognizing two of our departments, ECE and CSE departments as research departments since we have qualified and research oriented professors in these departments.

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 institution has created a research and development cell to address issues of research in engineering and sciences. The research committee of the institution comprises of the principal, the heads of departments, senior faculty from each department and industry persons. The committee reviews the research activities in the college and recommends action plan. The committee meets once in a semester or as and when required. The important recommendations made by this committee in the earlier meetings are as follows:

- To provide fiscal incentives to faculty who publish their papers in peer-reviewed journals.

- To provide financial assistance to faculty to present their papers in reputed national and international conferences.

- To apply for recognition as research centre by the individual departments.

- To provide study leave on case-to-case basis for those who pursue Ph.D.

- To send faculty under QIP for higher institutes of repute for pursuing Ph.D.

- To identify and provide adequate infrastructural facilities for faculty based on the merits of research.

- To provide financial support wherever necessary to fill the gap in spending on research projects.

- To subscribe as many research journals as possible beyond the mandatory requirements.

- To identify department wise thrust areas and invite reputed researchers to promote or support the activity for enhanced levels of achievement.

- To encourage regular departmental peer-level seminars on the upcoming areas of research to inculcate the research interests in those areas.

- Measurable impact can be observed in terms of number of publications in peer-reviewed journals and number of paper presentations in reputed national and international conferences.

- To advise the Professors and senior faculty members to apply to the AICTE, UGC, DST, and DRDO with research proposals for projects. The sponsored research activity is also picking up. In 2013-14, two proposals submitted to various funding agencies, and were sanctioned fetching a grant of 42 lakhs from DST.

The recommendations made by the committee are taken note by the management and has shown some impact among the faculty members. A good number of papers are published by the faculty consistently for the last 2 years. Many faculty members are now inclined to carryout research in thrust areas like digital image processing, composite materials and nano technology, etc.

Projects Currently under execution:

S.No.	Title of Project/ Training	Sponsoring Agency	Year
1.	Synthesis of C-SiO_2 composite material from rice husk for CO_2 capture	Department of Science & Technology, (DST) New Delhi	2015
2.	Fuzzy Based SVPWM Controlled Shunt Hybrid Active Power Filter for Power Conditioning	DST-SERB, New Delhi	2015
3.	Strength assessment of the building	Eenadu News Paper	2016

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

- Advancing funds for sanctioned projects
- Providing seed money

- The Principal investigators who were sanctioned projects from various organizations like AICTE, MHRD etc., are given full autonomy in executing the project as per the guidelines of the funding agencies and also provides additional resources , if required.
- Timely release of grants
- Timely auditing
- Submission of utilization certificate to the funding authorities.
- The college is providing seed money to the faculty for applying for research projects.
- For all the sponsored projects the grants are released in time.
- Actively pursues to complete the project in-time providing all support for auditing and submission of utilization certificates.
- The college is also advancing funds for sanctioned projects to take-off early.
- The Principal Investigator is given freedom to use the overhead charges in his/her project.
- The principal investigator is given money to purchase journals of his choice and also given library and internet facility.
- The principal investigator may also use the services of PG students and junior faculty members. He can also organize expert lectures in his domain area of research for which the institution will pay the travel chargers and local hospitality.
- The principal investigator is given reduced workload to enable him to complete the research project
- Timely auditing and submission of utilization certificates to the funding authorities are effectively done.

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

- College regularly conducts seminars, guest lectures, conferences & technical symposia etc., for the benefit of both students and faculty members. They do interact with resource persons during the above events and enhance their knowledge levels for carrying out the research.
- The students are given small projects by the faculty members involved in research to inculcate research culture among the students.
- Furthermore, final year students(Undergraduate) and post graduate students are groomed in such a manner that projects undertaken by them are so chosen that they can be extended towards research work at a later stage.

- Invites superannuated professors with good research background to guide students in research.
- Institution encourages the innovation of students. Institution organise research webinars for students. Institution has digital library for the students and faculty. Institute encourages students to publish papers in high impact factor journals. Institute has students chapters of ISTE, IEEE, CSI etc.

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.

With the encouragement and motivational incentives provided by the college, a good number of faculty obtained their doctoral degrees and many have registered for Ph.D. About 18 of the 180 faculty have Ph.D. degrees and are actively engaged in research work and publishing research papers. Many of the faculty are actively involved in research work and good number of papers are being published in national and international journals. The list of the faculty offering Ph.D. guidance and research projects is given below:

S. No.	Name of Faculty	Department	M.Tech Guidance		Research Projects	
			Awarded	Guiding	Completed	Ongoing
1.	DR.B.R. Srinivasa Reddy	CSE	2	4	1	7
2.	M. Samba Siva Rao	CSE	2	4	0	0
3.	B.S. Vara Prasad	CSE	0	1	0	0
4.	L.N. Swamy	CSE	0	1	0	0
5.	M.S.S. Nayak	CSE	0	1	0	0
6.	G. Balaiah	CSE	0	1	0	0
7.	R. Sitaram	CSE	0	1	0	0
8.	T. Narasimhappadu	CSE	0	1	0	0
9.	Y.V.V.N. Vara prasad	IT	3	5	0	0
10.	K Sundara Kumar	Civil Engg	3		0	0
11.	V Srinivas Rao	Civil Engg	1		0	0
12.	P Karunakar	Civil Engg	1		0	0

The following is the list of Faculty Department Wise having Expertise in a specilised research Activity:

S. No.	Name of the Faculty	Department	Area of Research Activity
1	DR.B.R. Srinivasa Reddy	CSE	Image Processing
2	DR.G Syam Prasad	CSE	Image Processing
3	Dr V.Rajesh	ECE	Image Processing
4	P.Rama Koteswara Rao	ECE	Signal Processing
5	M.Rama Mohan Rao	ECE	Instrumentation
6	B.Balaji	ECE	VLSI Design
7	T. Eswara Rao	MECH	Neural networks and Fuzzy logics
8	Dr. L.Rasidhar	MECH	Composites
9	R. Bhargavi	MECH	Tribological analysis of MMCs
10	J.Sampath Suresh	MECH	Optimization of Public health services
11	G.R.S. Krishna	MECH	unconventional machining
12	K. Santhi	MECH	Tool condition monitoring
13	R.Raveendranadh	MECH	Entrainment of Jets

Research Projects:

DST Project - Synthesis of C-SiO_2 composite material from rice husk for CO_2 capture

Principal Investigator: Prof. B.N.Srinivas, URCET.

Project titled "Synthesis of C-SiO_2 composite material from rice husk for CO_2 capture" has been sanctioned by Department of Science & Technology, New Delhi to Prof. B.N. Srinivas, Usha Rama College of Engg. & Tech., Telaprolu. This project is first of its kind bagged by any of Pvt. Engineering College in Andhra Pradesh. Selection process was done in three stages. Many reputed institutions like IIT's, National research laboratories have participated in this selection process. Among them Usha Rama College and Indian Institute of Chemical Technology,

Hyderabad are the only institutions who got the prestigious projects in Andhra Pradesh from DST.

Summary of the project: Preparation of carbon dioxide adsorbing nano materials from rice husk. Rice husk is a waste material, being used for burning bricks and for preparation of food materials in hotels etc. By this project, waste materials like rice husk is given added value. Global warming is increasing due to several factors like deforestation, industrialization, urbanization etc. All these factors are directly or indirectly connected to the liberation of carbon dioxide in to atmosphere due to which several changes are occurring in environment. These carbon dioxide adsorbents synthesized from rice husk will be place at flew gas pipes in industries where carbon dioxide will be adsorbed by them. Till now this type of materials are developed from other sources but they have reported only 120 gr. of CO_2 per kg of the adsorbing material synthesized. Dr. Srinivas has proved at bench mark level that these materials synthesized by their team is going to absorb around 200 gr. Of CO_2 per kg of adsorbing material. The composite material prepared will be applied in increasing biogas efficiency by reducing CO_2 content. The adsorbed CO_2 gas can be recycled for preparation of certain laboratory chemicals like washing soda, baking soda and other bottling companies. DST committee got impressed with these preliminary reports and have sanctioned the project for 3 years and providing around Rs. 25 lakhs financial assistance. DST also granted permission to Dr. Srinivas to recruit research students for successful completion of the project and for doctoral degrees. To complete this project Dr. Srinivas and Usha Rama college has collaborated with Indian Institute of Chemical Technology, Hyderabad, a CSIR laboratory with international reputation.

Research Project 2:

Fuzzy Based SVPWM Controlled Shunt Hybrid Active Power Filter for Power Conditioning.

Principal Investigator: J.Ravi Kumar, EEE Dept, URCET.

This project is sanctioned under young scientist scheme of DST-SERB, New Delhi.

3.1.6 Give details of workshops/ training programs/ sensitization programs conducted/ organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

The institution conducts faculty development programs, symposia, conferences, technical projects with the aim of capacity building among faculty and students.

The following programs are conducted / organized by the institution during the recent past:

(Guest Lectures, Seminars, Workshops and FDP's)

S. No.	Event	Department Conducted	Topic/ Resource Person	Participants	Month / Year
1.	Project Exhibition	CSE	M Samba Siva Rao	B. Tech Students	2016
2.	Ur fest PPT	Civil	V Srinivas rao	B. Tech 3rd and 4th year students	2016
3.	Faculty Development Program	CIVIL	From Training and placement department on English skills	All the faculty members in the civil	2016
4.	Two-day Workshop ARMPAA-15	ECE	Sastra Technologies, Hyderabad	Students& faculty	2016
5.	Workshop on PCB Designing	ECE	Indo- Global Services,Hyd.	Students& faculty	2016
6.	CIRCUITRIX	ECE	Mr. Das Gupta	Students	2016
7.	Technical Quiz	ECE	Ms. Sheethal Soni	Students	2016
8.	Poster Presentation	ECE	Mr. Das Gupta	Students	2016
9.	Web casting live session (MOOCS) Analog Communications	ECE	Prof. K. Satya Prasad, JNTUK	II ECE students	2016

The details of other workshops/ training programs/ sensitization programs conducted/ organized by the institution in the last four years are **annexed in XXIV**

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

All the departments are strengthened with qualified and experienced faculty. Based on the research specializations, research groups or individuals take up projects and publish papers in reputed journals. The research areas and the respective faculty expertise are given in the table below.

Name of the Department	Areas of Specialization	Name of the Faculty
CSE	Image processing	DR.B.R. Srinivasa Reddy
CSE	Data mining	DR.B.R.Srinivasa Reddy
CSE	Image processing	DR.G Syam Prasad
Civil	Environmental engineering	K. Sundara Kumar

Name of the Department	Areas of Specialization	Name of the Faculty
Civil	Structures	V. Srinivas Rao
ECE	Medical Image Processing and Signal Processing	Dr. V. Rajesh
ECE	Signal Processing	Mr. P. Ramakoteswara Rao
ECE	Signal Processing	Mr. M. Ramamohanrao
ECE	Wireless Communication	Mr. B. Balaji
ECE	Mobile Communications	Mr. K. Babu Rao
ECE	Image Processing	Mr. B. Raja Rao
ECE	Antennas & Wave propagation	Mr. M. Purna Kishore
ECE	Antennas & Wave propagation	Mr. K.V.V. Satyanarayana
S&H (Dept of Mathematics)	Fluid Dynamics	Prof. A. Madana Mohana Rao
S&H (Dept of Chemistry)	Catalytic functionalities of supported sulphides used in hydrotreating of petroleum fractions	Prof. B.N.Srinivas
S&H (Dept of Physics)	Influence of III-A group elemental sesquioxides on electrical and spectroscopic properties of multi component Li_2O-PbO-B_2O_3-SiO_2-Bi_2O_3 glass system doped with some transition metals. Solid state physics(Glass science)	Dr. P.Ramesh Babu
S&H (Dept of English)	Ruskin Bond of India: A True Son of the Soil	Dr. G. Ramamurthy
S&H (Dept of English)	Equivalence in Literary Translation: A Case Study	Mr. G. Ashok Vardhan
S&H (Dept of English)	Stylistics analysis and discourse analysis contribution to literature	Ms. M. Revathi Devi
S&H (Dept of English)	A Comparative Study on Dalit Literature & Afro-American Literature	Mr. K. Tambi Babu
S&H (Dept of Physics)	Glass science	Mr. K. Naveen Kumar
S&H (Dept of Physics)	Solid state physics	Mrs. M. Pushpa Latha
S&H (Dept of Mathematics)	Fluid Dynamics	Mrs. N. Vijaya
S&H (Dept of Mathematics)	Semi-group Theory	Mr. Srikanth Naidu
S&H (Dept of Mathematics)	Fluid Dynamics	Mr.V. Sri Hari Babu

Name of the Department	Areas of Specialization	Name of the Faculty
S&H (Dept of Mathematics)	Fixed Point Theory	Mr. Md. Mustaq Ali
S&H (Dept of Chemistry)	Catalysis and Green Chemistry	Mr. P. Kishore
S&H (Dept of Chemistry)	Catalysis and Green Chemistry	Mr. T. Anil Kumar
S&H (Dept of Chemistry)	Catalysis and Green Chemistry	Mr. K. Subba Rao
Mech	Neural networks and Fuzzy logics	T. Eswara Rao
Mech	Composites	Dr. L. Rasidhar
Mech	Tribological analysis of MMCs	R. Bhargavi
Mech	Optimization of Public health services	J. Sampath Suresh
Mech	unconventional machining	G.R.S. Krishna
Mech	tool condition monitoring	K. Santhi
Mech	Entrainment of Jets	R. Raveendranadh
IT	Cloud computing	M. Vijaya Raju
IT	Cloud computing-security issues	Y V V N V Prasad
EEE	Fuzzy Based SVPWM Controlled Shunt Hybrid Active Power Filter for Power Conditioning	J. Ravi Kumar
EEE	Power Electronics & drives	J. Ravi Kumar
EEE	Sliding Mode Control	K. Naresh
EEE	Power System Engineering	J. Satish Babu
EEE	Non Conventional Energy Sources	V. Kranthi Kumar

A majority of the faculty members are interested to carryout research in the emerging areas like, digital image processing, composite materials, network security, cloud computing, mobile computing, environmental engineering etc,.

The institution is encouraging faculty members to undertake individual research projects at the institution. The institution has set a side of an amount of one lakh rupees as seed money to carryout research in the department.

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

- The college organizes guest lectures by researchers from all over the country and outside from time to time providing travel and hospitality.
- Invites people who are on sabbatical leave from foreign universities to spend some time in the campus and interact with the faculty.
- Invites superannuated professors with good research background to guide faculty in research.
- Conducting national and international conferences and work-shops on emerging areas of relevance to expose the faculty to the outside world and provide a platform for the outside researchers to visit the college.
- Faculty and students are made to visit research laboratories and industry to enable them to interact with the researchers. The following is list of eminent researchers who visited the Institute and interacted with faculty and students.

S. No.	Name of Expert	Designation and office	Area of specialization	Date of Visit
1.	K. Suryanarayana	SR. Consultant, TCS.	Industry And Academia Interaction	13.10.2015
2.	Mr. R. Mallarswamy	Trainer, IBM Software Labs	Big Data	27.09.2015
3.	Mr. Jayen Thakker	Trainer, IBM Software Labs	Data Analytics	22.09.2015
4.	Mr. Kumal Dureja	Country Manager, IBM	Career Education.	26.02.2015
5.	DR.P. Udaybhaskar,	Director, Academic & Planning, JNTUK Kakinada.	Advanced Structural Analysis	21.08.2015
6.	Mr. YarlagaddA Prasad	Vice President, Information Technologies, USA	Sikshana Program	13.06.2015
7.	Mr. Raj Das Gupta	Country Head ORACLE, India.	Oracle	05.02.2015
8.	Mr. Sheethal Soni	IBM Career Education.	HR, IBM	26.02.2015
9.	Yarlagadda Prasad	Vice President, Information TechnologieS, USA	Information Technology	13.06.2015
10.	Prof. V. Srinivasulu,	Dept. OF Civil, JNTU Kakinada.	Civil Engineering	15.9.2015

S. No.	Name of Expert	Designation and office	Area of specialization	Date of Visit
11.	Vishalatchi	TraineR,IBM Software Labs	Software Trainer	22.09.2015
12.	Dr. G. N. Swamy	Prof & HoD, VR. Siddhartha Engg College	Signal Processing	22.12.2014
13.	Dr. K. Kama Raju	Prof & HOD, Gudlavalleru Engg College	VLSI	12.07.2014
14.	Dr. Habeebulla Khan	Prof & HoD, KL University	Communications	14.12.2013
15.	Dr. S.Durga Prasad	Senior EngineeR, IOCL, Assam	Gas Power Plants	07-08-2012
16.	Dr. D.V.S.S.Siva Sarma	Professor, NITW	Applications of Power Electronics	14-07-2012
17.	Dr. D.Raja Gopal .	Professor, BVRIT	Power Electronics	14-07-2012
18.	Dr. P.RAmana Rao	Profeesor,ANU	Power Systems	14-07-2012
19.	Dr. CH.R.K.Sastry	DE, ABBB Sweden	Electrical Machines & Power Semi conductor Drives	15-07-2012
20.	Dr.K.S.Srikanth	Professor, KLU	Guest lecture on Control system engineering	03-07-2013
21.	Mr.S K.Sharief	Assoc Prof, Vignan University	Power System protection	12-08-2013
22.	Mr. Narayana V. Prasad .	Technical Officers,IBM Career Education	IBM CAREER EDUCATION	26.02.2015
23.	Mr. P.V.R. Narasimaham	HoD, EEE, VR Siddhartha Eng. College	IEEE WORKSHOP (WSDIAP 2015)	17.07.2015
24.	DR.P.UdaybhAskar,	Director, Academics & Planning, JNTUK Kakinada.	Advanced Structural Analysis using STADDPRO	21.08.2015

S. No.	Name of Expert	Designation and office	Area of specialization	Date of Visit
25.	Guest Of Honour Mr. Wishwas Julka	Global VicE President, TatA Technologies Ltd.	Inauguration of Tata Technologies Centre for Competence	21.08.2015
26.	PROF. A.K. Pandey	Professor, IIT Hyderabad	Micro Electro Mechanical Systems	03.09.2015
27.	Prof. G. ViswanaTH Kumar	Professor, Dept. Of Civil, Andhra University.	Civil Engineering.	15.9.2015
28.	Dr V L Krishnan	Professor, K L University	Robotics	27-01-2016
29.	DR.A.K.Pandey	Asst. Professor IIIT, Hyderabad	Mechatronics	3-9-2015
30.	Prof. G L Narayana	Associate Professor K L University	Alternate Fuels	13-2-2015
31.	Prof.A.G Thakur	Vice-Principal, SRES college of Engg Kopargam	CAD/CAM	14-12-2013
32.	Dr.N.Ramanaiah	Professor, Andhra University Vizag	Production	25-8-2013
33.	Mr.D.Srinivasulu	Technical Specialist	Cognizant Technologies	22-8-2015
34.	Anandha Chowdary	Sr. Technical Consultant IBM Career Education	IBM	27-07-2015
35.	Shiva Kumar Thota	Project Manager	HTML 5.0	08/01/2014

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?

About 5 percent of the faculty members have utilized Sabbatical / Study / Academic leave for research activities. The college has a policy to depute faculty to pursue their Ph.D. through QIP at reputed Universities/IITs/ NITs enabling them to promote research culture in the campus.

Institution also helps teachers to complete their class work in five days and remaining one day along with Sunday may be used by the faculty to carryout research work. This incentive created by the management has

encouraged other faculty members to associate themselves with senior research scholars or teachers to register for Ph.D. degree.

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).

The college encourages students to do projects which are of industrial and social relevance and they are normally directed to refer to journals in identifying the projects of their interest. Wall magazines, where the articles related to latest advances in technology also helps in creating awareness about the latest findings. Live models are also prepared and exhibited in various events. The following are some interesting projects carried by our students which demonstrate their professional zeal in making the technology work for the land:

1.	Jaya Krishna Namburu (IT) -2015 to 2016	Real Time Operating System for Application based usage
2.	Pavan Kolagani (ECE) -2015 to 2016	Hand Pointer Interaction with the Live System using OpenCV
3.	Pavan Yelamanchili (CSE) -2015 to 2016	Local Search Engine for Linux users
4.	Arshia Afrouz (ECM) – 2015 to 2016	Predictive Analytics based on fluid and crystal analytics using R
5.	Anudeep, Girish, Naga Mounika, Naveen & Varun (CSE) -2014 to 2015	Automated Methodology to segregate the data using K-means clustering and binding in R statistics
6.	Jaya Krishna Namburu (IT) -2015 to 2016	Content Digitalization using JSON schema
7.	Teja KNV (CSE) -2015 to 2016	Dynamic Routing for product delivery
8.	Pavan Yelamanchili (CSE) -2015 to 2016	Content Digitalization for language Translation
9.	Sandeep G (CSE) -2015 to 2016	Geo-location Tagger using Apache Cordava & Map-box API
10.	Pavan Kolagani (ECE) -2015 to 2016	Vehicle Tracking & Counting from Traffic videos using OpenCV

11.	Yasaswini (ECE) -2015 to 2016	License Plate Detection using OpenCV

A PG students research group is established in the institution. This group delivers seminars and tutorials on the state of art in their related areas. The NSS unit is established in the institution which interacts with villagers and school children and makes them understand the use of purified drinking water, sanitation, clean environment etc. Our PG students have identified a school in our district and educate the school children on the latest topics on science and technology. During the technical fest nearby school children are brought to our institution and educate them in advances in technology and engineering.

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.

- For the enhancement of research, Institution has provided very good library facility with good resources such as E-Journals, Print journals, Magazines and periodicals.

- Proposals from individual faculty and departments are sent to the management with detailed research planning during every year for allocation budget towards R&D.

- Research Associates have been recruited for successful execution of the sponsored research project from DST.

- Fully equipped Laboratories have been established.

The year wise allocation of budget for Research along with details of major heads of expenditure, financial allocation and actual utilization during the last four years are as follows.

S. No	Year	Total college budget(In Rupees)	Total budget allocated for research (In Rupees)	Utilisation (In Rupees)	Details
1.	2015-16	13,98,86,000	14,00,000	9,00,000	R & D (Equipment, Furniture)
				5,00,000	Workshops, Seminars, Conferences & Travel
2.	2014-15	12,38,86,000	11,00,000	7,00,000	R & D (Equipment, Furniture)
				4,00,000	Workshops,

					Seminars, Conferences & Travel
3.	2013-14	8,66,85,000	22,00,000	14,00,000	R & D (Equipment, Furniture)
				8,00,000	Workshops, Seminars, Conferences & Travel

The institution being eight year old, budget allocation for research during the last three years is not much. However, a modest beginning is made in the budget allocation for establishment of R&D in departments.

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. Institution provides seed money of Rs.1 lac to the researchers working in the institution towards purchase of equipments, contingency, travel grant, publication of papers etc. The seed money is given for faculty as well as students research projects. Few of the teachers have availed this facility so far. The Institution has supported two research projects sanctioned by DST, DST-SER and Local Media Industry by advancing funds pending release of the grant from the funding institutions.

Incentives are also provided to the faculty for publications in National and International Journals. Institution provides seed money for research activities like Workshops/Seminars/ Symposia. Institution bears all the expenditure including boarding, lodging and travelling expenses of the expert members in such activities.

Provision is made in budget for allocation of seed money for research to each department as shown below:

S. No.	Department	2015-16	2014-15	2013-14
1.	CSE	150,000	150,000	250,000
2.	ECE	150,000	150,000	250,000
3.	EEE	150,000	150,000	150,000
4.	Mechanical	150,000	150,000	150,000
5.	Civil	150,000	150,000	150,000
6.	IT	100,000	100,000	100,000

7.	S&H	150,000	150,000	150,000

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

For the student research projects, funds under research and development (provided for the college budget) will be allocated if any innovative project / model is prepared by the students under student centric activities. TA and DA are paid to the students for their presentations of papers at prestigious institutes like IITs and NITs and for publication of research articles in National and International journals.

3.2.4 How does the various departments/units/staff or the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavours and challenges faced in organizing interdisciplinary research.

Research and Development cell is composed of Engineering and Science & Humanity faculty. Many interdisciplinary research activities are carried out by our faculty members of Engineering and Science & Humanities. The Director (R & D) organizes meetings with various departments and facilitate interaction between different departments for inter-disciplinary research. The college is striving hard to promote interdisciplinary research:

- Between/among different departments of the College.
- Collaboration with national/international institutes /industries.
- By involving faculty and students in the sponsored projects from different national agencies.
- By inviting experts from outside the country for a short stay in the college for utilizing their guidance.

Some of the research works that are interdisciplinary are in the areas of:

- Applications of in computing in electronics, mechanical engineering.
- Deployment and operations of solar power systems in EEE.
- One major area of interdisciplinary identified by the research committee is mobile computing wherein the faculty from electronics, and computer science are involved.

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

The college opens few extra hours beyond the working hours. Almost all faculty stay once or twice in a week as s/he wishes, during these extra

hours for research work or to help the students in their academic research activities. Transport is provided for those who stay beyond college hours and all facilities will be available during this period.

All equipments existing in the labs are periodically calibrated and made available both to faculty members and students. Similarly all available equipments are well accessible to students for their practical purpose. In our college, the lab and other research facilities are left open for both students and faculty members beyond official working time and also during vacation period. The campus is connected with full fledged LAN facility with workstations in every department. The faculty and students can avail various e-journals through library.

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.

Yes. The Institution has received grants from the industry and also from Government bodies for research activities as detailed below. Sponsored research Projects from DST are being executed and funds are provided for modernization of the establishment of research laboratory facility and for research work in Nano Technology and system optimization of variable speed drive (VSD) using coupled simulation.

S. No.	Name of the Faculty	Department /Designation	Title of the Research Project/ Consultancy	Sponsoring Organization	Value in Rs.	Expected Date of Completion
1.	Dr. B. N. Srinivas	Chemistry / Professor	Synthesis of $C-SiO_2$ composite material from rice husk for CO_2 capture	Department of Science & Technology (DST) New Delhi	22.5 lakhs	1st review completed in Oct 2015. 2nd instalment of Rs.5 lakhs released
2.	Dr. A Ravi Kumar	EEE / Associate Professor	Fuzzy Based SVPWM Controlled Shunt Hybrid Active Power Filter for Power Conditioning	DST-SERB	16 lakhs	DEC-2016
3.	Mr K Sundara Kumar	Civil / Associate Professor	Strength assessment of the building	Eenadu News Paper	10,000	Consultancy Being offered

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.

The institution encourages faculty to apply for external funding from funding agencies. The institution provides all secretarial assistance, photocopying facilities etc., for the preparation of the project proposals. Further in case of funding agency requires the chief investigator to make the presentation of the project proposal and give clarifications, the necessary travel and other expenses in that regard are provided by the institute.

The details of funds received under various categories by different government/ private agencies under various schemes of the ongoing projects are:

S. No.	Name of the Faculty	Department /Designation	Title of the Research Project/ Consultancy	Sponsoring Organization	Value in Rs.	Expected Date of Completion
1.	Dr. B. N. Srinivas	Chemistry / Professor	Synthesis of C-SiO2 composite material from rice husk for CO2 capture	Department of Science & Technology (DST) New Delhi	22.5 lakhs	1st review completed in Oct 2015. 2nd instalment of Rs.5 lakhs released
2.	Dr. A Ravi Kumar	EEE / Associate Professor	Fuzzy Based SVPWM Controlled Shunt Hybrid Active Power Filter for Power Conditioning	DST-SERB	16 lakhs	DEC-2016
3.	Mr K Sundara Kumar	Civil / Associate Professor	Strength assessment of the building	Eenadu News Paper	10,000	Consultancy Being offered

3.3 Research Facilities

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

- The research and development cell guides various research activities in the Institution
- High bandwidth internet connectivity and Wi-Fi facility is made available for the students and faculty

- The library provides access to E-journals, printed journals, reference material and thus supports the research work of students and faculty. Institution has subscription to IEEE journals.

- Computing centre and labs of the Institution are made available beyond working hours

- Institution has established research labs which are availed by the faculty and students.

- Each Department has project lab for students. A server is dedicated to access research papers/magazines/e-books. This access is available for all students/faculty/staff at any time during working hours.

- Besides the above common facilities, Project laboratories and special / advanced equipment laboratories with appropriate software of individual departments helps the research activities to a greater extent. The major research setups are tabulated below.

S. No.	Facilities available(Software/Hardware/Tools Available)	Application /Number of Users
1.	DSP and Microcontroller Computing systems	Real Time Computation
2.	MATLAB	General Computation/10users
3.	Digi Silent	Power System Design andSimulation
4.	TIG & MAG welding and CAD Lab with various CADsoftware	Simulation, testing andmodelling
5.	LPC with visualization	-
6.	Computer numeric control (CNC) MTX	-
7.	Cadence Virtuoso	10 users
8.	NI Multisim v12	15 users
9.	Spartan FPGA Kit	-
10.	NI Ultiboard B12	Single User
11.	XILINX ISE 10.1i	Multiuser
12.	Spectrum Analyzer	RF Analysis
13.	Digital Storage Oscilloscope	Signal Analysis
14.	Sprint PCB Layout Design Software	5 Users
15	DB2 Database software from IBM	Unlimited
16	RFT – Rational Functional Tester for software testing	Unlimited

S. No.	Facilities available(Software/Hardware/Tools Available)	Application /Number of Users
17	RQM – Rational Quality Manager for SW Quality Analysi	Unlimited
18	IBM – Big-Insights Infospere for Big Data	Unlimited
19	IBM-Cognos SW for Data Analatics	Unlimited
20	RAD – IBM web application development tool for cloud environment	Unlimited
21	Microsoft Ed-Vantage Platinum Campus	system software -100 Application software-100
22	Microsoft Ed-Vantage Platinum Campus	MS Office -2015 users- 500
23	ORACLE 11g	Unlimited
24	K-VAN Solutions S/W for English Communication Skills	Users-70
25	TATA Technologies –CATIA, Advanced Catia	Users-20
26	TATA TEchnolgies-PASTRAN,NASTRAN	Users-50 each
27	PLC & SCADA for EEE	Users-10

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?

- Institute makes separate budget allocation every year to enhance the research facilities for procuring advanced equipment in laboratories and to enhance the R & D activities in the emerging areas.

- Encouragement given to faculty for applying to funding agencies like AICTE/UGC/DST/ CSIR etc., under various schemes like Research Promotion Scheme (RPS) mainly to establish research facilities.

- The institution encourages faculty and students to attend research programs, seminars, workshops and conferences conducted either in the institute or other institute. Institute provides registration fee conveyance, on duty leave for each program.

- Library is enriched with wide range of books and journals. Online journals are also accessible to researchers. High band width internet facility along with Wi-Fi connectivity is provided in the campus to the faculty and students to carryout research work.
- PG students are encouraged to undertake industry based problems for their dissertation work under the guidance of expert faculty.
- Faculty undertakes industrial consultancy and research assignments involving research work.

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

Yes.

Project laboratories andspecial/advanced equipment laboratories with appropriate Research Facility/Setup for individual Projects are tabulated below:

Title of the Project - Sponsoring Agency	Research Facility/Setup	Purpose for which the Facility / Setup is used / Cost of Facility
Synthesis of C-SiO_2 composite material from rice husk for CO_2 capture - Department of Science & Technology (DST) New Delhi	Water Distillation unit 4liter/4 Single distillation	To find the absorbance of solutionand to follow Kinetics of reactions/ Rs.22000/-
Synthesis of C-SiO_2 composite material from rice husk for CO_2 capture - Department of Science & Technology (DST) New Delhi	Digital gas flow meter	Rs 11508/-
Synthesis of C-SiO_2 composite material from rice husk for CO_2 capture - Department of Science & Technology (DST) New Delhi	Syringe pump	Rs 56000/-
Synthesis of C-SiO_2 composite material from	Online Nucon Series 5765	Rs 1744050/-

Title of the Project - Sponsoring Agency	Research Facility/Setup	Purpose for which the Facility / Setup is used / Cost of Facility
rice husk for CO_2 capture - Department of Science & Technology (DST) New Delhi	Microprocessor Based Dual Column Gas Chromootgraphy with Dual Flame Ionization detector	
Synthesis of C-SiO_2 composite material from rice husk for CO_2 capture - Department of Science & Technology (DST) New Delhi	Gas cylinder (CO_2, H_2,He,air,co2 helium mixture)	Rs 150000/-
Fuzzy Based SVPWM Controlled Shunt Hybrid Active Power Filter for Power Conditioning - DST-SERB	Computer with COMSOL S/W	Absorption of heat flux radiation on solar dish receiver/Rs.100000.
Strength assessment of the building - Ushodaya Publications- (Eenadu News Paper)	Computer With Sensors	For Strength Assessment of the Building/Rs.100000.
4. Labs established under MoUs	1.IBM software lab for emerging technologies 2. Tata technologies center for excellence	1.To train students and the cost of the lab is 40 lakhs 2. To train students and the cost of the lab is 70 lakhs

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.

- Faculty members are encouraged to have discussion with the experts from academia and industries. The expenditure incurred

for the interaction and utilization of the facilities in other laboratories is given by the institution.

- Institution encourages students and research scholars to visit different lab for research purpose by providing leaves and other facilities.

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

A central library and departmental library, are well stacked with books and journal on state of the art technologies and new frontiers of research. Books are regularly procured for the libraries and e-journals are subscribed periodically. A large collection of e-books are also available in our digital library. Ten high performance Personal computers with high speed internet access are provided in the Library.All department labs, Library and Internet are available for each researcher to carryout R & D. Central library is fully automated with bar code technology and well protected with CCTV security system.

The Details of Library & InformationCenter as on **01-03-2016**

TOTAL NO OF VOLUMES	:	17021
TOTAL NO OF TITLES	:	4080
TOTAL COSTIN(Rs-Ps)	:	75,22,564-75

DEPARTMENT WISE TILES/VOLUMES (UG)

DEPT	CE	CSE	ECE	EEE	IT	ME	TOTAL
TITLES	417	584	650	391	328	419	2789
VOLUMES	1852	3424	2936	2155	1512	2213	14092

DEPARTMENT WISE TILES/VOLUMES (PG)

DEPT	CE	CSE	ECE	ME	TOTAL
TITLES	109	75	39	14	237
VOLUMES	167	200	133	33	533

DEPARTMENT WISE NATIONAL/INTERNATIONAL JOURNALS

DEPT	CE	CSE	ECE	EEE	IT	ME	TOTAL
NATIONAL	9	6	6	7	6	13	47
INTERNATIONAL	….	….	….	….	….	….	
E-JOURNALS	15	16	15	15	15	15	91

DEPARTMENT WISE COMPACT DISKS&PROJECT REPORTS

DEPT	CE	CSE	ECE	EEE	IT	ME	M.TECH	TOTAL
CD'S	88	275	250	174	125	100	22	1034
Projects Reports	19	142	111	58	47	26	17	420

NATIONAL/INTERNATIONAL(BACK VOLUMES)

DEPT	CE	CSE	ECE	EEE	IT	ME	TOTAL
NATIONAL	9	29	15	16	6	3	93
INTERNATIONAL	2	10	13	7	4	2	38

Carpet Area   :   500 SQM

Seating Capacity   :   150

Discussion Room& Audio Visual Room

Member Ship   :   Delnet Developing Network library

Institutional Membership: Institute Of Engineers Kolkata

Life Member Ship- IM 0003388-9

IBM Career Education Student Materials

Library Books:

No. of .Volumes :   17021

No. of.Titles   :   4080

Compact Disks   :   1034

Project Reports   :   420

National Programme on Technology Enhanced Learning

Video Lectures(NPTEL)

News Papers   :   7

Working Hours   :   8.00 AM TO 6 PM

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.

NIL. The college has MOU with different industries and foresees to have a tie-up with researchinstitutes for collaborative research in the near future.

3.4   Research Publications and Awards

3.4.1Highlight the major research achievements of the staff and students in terms of

- Patents obtained and filed (process and product) - NIL
- Original research contributing to product improvement.
    1. Design, analyze and develop an automatic decision making vending machine using C programming and Artificial Intelligence
    2. Create a batch processing software which installs with a DLL files in server and statusdisplay through a pop-up window through Linux shell scripting
    3. Design and develop a random coupon generation for thecustomer's request and updatethe process in monitoring database using PL-SQL
    4. Design and develop the Linux search engine for local system with depth analysis
    5. Design a predictive model for the disconnected services for upcoming year based on businessdata using R-statistics
    6. Design and develop a hand pointer control system using open CV and webcam as a pointer
    7. Design and Analyze a transformer architecture using AutoCAD and COMSOL
    8. Design a Real time operating system for the self-applications friendly
    9. Development of automated Pay slip Generator for Accounting
- Research studies or surveys benefiting the community or improving the services -Details given in 3.2.6
- Research inputs contributing to new initiatives and social development. Details given in 3.2.7

Other major research studies/ achievements of the staff and students

Sr. No.	Name of Staff	Research Topic
1.	DR G Syam Prasad	Secured single and multiuser authentication schemes for online software piracy

Sr. No.	Name of Staff	Research Topic
		protection against man-in-the-middle attacks
2.	K.Sundara Kumar	Urban Expansion Studies of vijaywada city
3.	K.Sundara Kumar	Urban Temperature studies of vijaywada city
4.	K.Sundara Kumar	Water Quality Assessment of Bapulapadu Mandalam
5.	K.Sundara Kumar	Water Quality Assessment of Gannavaram Mandalam
6.	K.Sundara Kumar	Bacteriological Analysis of Public Water Supplies
7.	Mr.P.RamaKoteswara Rao	Mobile control robot and line follower robot
8.	Mr.P.KanakaRaja	Tele health Monitoring system
9.	Mrs.K.Nitya	Efficient Power management S/M using Solar Panels
10.	Mr.M.K.Kishore	Power Hording System
11.	Mr.M.Rama Mohan Rao	Live Monitoring system using Raseberry -Pi
12.	Mr.P.KanakaRaja	3 layer Bank locker system
13.	Mrs.K.Nitya	Password protection S/M using Android mobile
14.	Mr.M.K.Kishore	Industrial control using Bluetooth and android mobile
15.	Mr.P.KanakaRaja	Women security system
16.	Prof.B.N.Srinivas	Synthesis of C-SiO2 Compounds from different varities of rice husk to reduce the global warming
17.	J.Ravi Kumar	Fuzzy Based SVPWM Controlled Shunt Hybrid Active Power Filter for Power Conditioning-DST Project
18.	I.Narendranath Reddy under the guidance of K.Raga Nithya	Anti theft petrol lock (Patent applied)
19.	D.Anudeep under the guidance of Ch.Venkata Krishna.	Smart lock (Patent application in process)
20.	M.Vijaya Raju	Cloud computing
21.	Jaya Krishna Namburu	Real Time Operating System for Application based usage

Sr. No.	Name of Staff	Research Topic
	(IT) -2015 to 2016	
22.	Pavan Kolagani (ECE) -2015 to 2016	Hand Pointer Interaction with the Live System using OpenCV
23.	Pavan Yelamanchili (CSE) -2015 to 2016	Local Search Engine for Linux users
24.	Arshia Afrouz (ECM) – 2015 to 2016	Predictive Analytics based on fluid and crystal analytics using R
25.	Anudeep, Girish, Naga Mounika, Naveen & Varun (CSE) -2014 to 2015	Automated Methodology to segregate the data using K-means clustering and binding in R statistics
26.	Jaya Krishna Namburu (IT) -2015 to 2016	Content Digitalization using JSON schema
27.	Teja KNV (CSE) -2015 to 2016	Dynamic Routing for product delivery
28.	Pavan Yelamanchili (CSE) -2015 to 2016	Content Digitalization for language Translation
29.	Sandeep G (CSE) -2015 to 2016	Geo-location Tagger using Apache Cordava & Map-box API
30.	Pavan Kolagani (ECE) -2015 to 2016	Vehicle Tracking & Counting from Traffic videos using OpenCV
31.	Yasaswini (ECE) -2015 to 2016	License Plate Detection using OpenCV

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 journal (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

The institute encourages faculty and students to publish research papers. The details of publication of research papers, text books, monographs, books edited or reviewed, Lab Manualsetc, are detailed in Annexure –VI

3.4.4 Provide details (if any) of

- Research awards received by the faculty
- Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally
- Incentives given to faculty for receiving state, national and international recognition for research contributions.

An incentive of Rs.5,000 is given by the institution to the faculty for presenting papers in national conferences and Rs.10,000 is given to faculty for presenting research papers in international conferences. Annexure - VI.

Faculty serving on the editorial boards ofjournals/ magazines

S. No.	Name of the Faculty	Department	Details
1	G.Ashok Vardhan	S&H	ChiefEditorfor UR Times
2	M.Sambasiva Rao	CSE	Editorial Board
3	Y.V.V.N.Varaprasad	IT	Editorial Board
4	P.Ramakoteswara Rao	ECE	Editorial Board
5	K.Naresh	EEE	Editorial Board

3.5 Consultancy

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

The institution has evolved a system for establishing industry-institute interface through the following:

- Institute-Industry Interaction Cell of the college interacts with industry to ascertain their needs and to know if these needs are fulfilled by the curricula and the gap if any is filled by organizing add on and enrichment courses.

- The industry experts are invited to the institute to share their knowledge and industrial problems, if any, with the faculty and students. Once in semester, the faculty and students visit industries to obtain latest information from the industries.

- Placement cell of the institution also interact with industries to know their job requirement and the placement and training officer maintains liaison with corporate houses.

- Our college has good alumni base who are currently working with many reputed companies. This group keeps helping us in campus placements.

- An assessment is made periodically by the department to ensure the employability objectives of the department – which make sure to prepare the students on par with industry standards.

- The Industry-Institute Interaction Cell aids in the assessment of student related industry objectives of the department. The degree to which the objectives are attained is presented in meeting conducted by our college and the proper remedial action is taken in the event of any non accomplishment of set objectives.

- Institute-Industry Interaction Cell convene meeting with various Industries by inviting expert personals every semester to explore the possibility of making new technical collaboration

- IIIC explores the possibility of our students to undergo in-plant training and to carry out their academic project work in such industries and also depute our faculty member to undergo industrial exposure during their vacation in reputed industries.

- Some of the important activities of III Cell are:
  1. Arranging guest lectures and FDPs by experts from industry.
  2. Arranging internships to students of both UG and PG for their project works
  3. Arranging campus recruitments.

4.   Facilitating faculty to spend in the industry of relevance to catch-up with the industrial needs and standards.

5.   Enhancing capabilities of faculty from different disciplines for possible consultancy activities.

6.   Facilitating the participation of people from industry in various academic bodies of the college like Departmental Advisory Committee , College Academic Council.

7.   Offering short refresher courses for people from industry.

8.   Conducting advanced industry ready add-on courses outside the curriculum

9.   Establishing centers of excellence with various industries

10. Facilitating the delivery of course contents in case of advanced electives offered by industry.

The following is the composition of industry-institute interaction cell.

S. No	Name	Designation	IIIC Designation
1.	Mr. L. Arun Kumar	Director	Chairman
2.	Dr. V. Rajesh	Principal	Member-Secretary
3.	Dr. A. Madana Mohana Rao	Vice-Principal	Member
4.	Dr. B. N. Srinivas	Director R & D	Member
5.	Mr. Muni Mahesh	Technical Manager	Member
6.	Ms. V. Santhoshi	ATPO	Member
7.	Mr. Raj Kumar	Soft Skill Trainer	Member
8.	Mr. C.V.N.Sarma	Aptitude Trainer	Member
9.	Mr. V.Mahesh	T&P Coordinator	Member

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

The institution encourages faculty to undertake consultancy work with the government agencies / industries to provide solution through sharing of expertise. The institution promotes this by:

- By reducing the academic and administrative workload of faculty while executing consultancy works.

- By sponsoring the faculty to attend important workshops and seminars arranged by the leading technology consultants in relevant fields.

- Offering monetary benefits to faculty involved in consultancy as per the college policy. Institution has a policy of sharing income generated through consultancy among the faculty and staff. Out of the total earning generated through consultancy 50% of the money goes to the faculty and staff involved in research, 25% money goes the department and remain 25% goes to the institution

- Institute periodically updates literature about the research activities and send to prospective companies highlighting the latest achievements including the facilities available with the department.

- Major areas of expertise are advertised through department homepage in the main college website and also through technical events/programmes, customized e-mails and public aware talks.

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

The college encourages faculty to utilize expertise for consultancy by:

- Providing suitable advertisement at various avenues
- Offering remuneration from the income generated.
- The institute encourages faculty to make use of internal resources namely laboratory, library, computation facility etc for experimentation and use software for solving and analyzing their consultancy projects.
- Providing infrastructural facilities to organize and conduct consultancy services.
- Industrial problems are always solicited to provide solution through expertise of faculty members. The students also get an opportunity to associate with professors in solving the industry problems.

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 faculty have sufficient expertise in various fields like software engineering, material testing, structural engineering, thermal engineering, data mining, electronic control systems etc., and it is envisaged that this strength is transformed into good consultancy works.

The institute provided consultancy to the R&B department of Government of Andhra Pradesh on voluntary basis. Our faculty and students helped the R&B department in survey carried out for establishing new capital for state of Andhra Pradesh in Vijayawada. Our Civil Engineering department has provided Consultancy in "Strength assessment of the building" to Ushodaya Publications- (Proprietors of Eenadu News Paper)

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?

Revenue generated out of consultancy is shared between the faculty involved and the department and the institute in the ratio of 50:25:25 respectively.

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 college administration has identified the social responsibility as one of the major priorities to act upon which makes the students to learn good values and responsibilities required for good citizenship, service orientation and holistic development. This attitude has been reflected in making the community service as a mandatory programme at undergraduate level to inculcate the sense of social responsibility and to provide a platform for self-learning and group learning mechanisms in future life.

- Institute involves the faculty and students in community work. Our students were involved in support for distribution of AADHAR cards, in association with Government agencies.

- The college has been regularly donating computers to various organizations to spread computer literacy among the underprivileged ones. Over 25 computers have been donated to various schools, colleges and organizations.

- The college has been generously contributing for the benefit of people suffering from natural calamities as well as for other noble causes. During the recent devastating Hudhud cyclone, the college provided substantial relief material in the form of food, clothes and blankets to the needy.

- In order to promote student linkages and involvement, a mentorship programme is conducted for difficult subjects. Under this programme, top notch students of the institute conduct lectures for weak students. This builds up a sentiment of selfless service and leadership skills within the student community at large. As an incentive, the college gives suitable cash reimbursements to such students.

- All departments within the institution have formed student societies both in technical and cultural domains which regularly conduct events across various institutions of Krishna District and AP. Competitions based on certain extension activities are conducted and the winners are suitably awarded with certificates and cash. This provides a platform for students to compete with their counterparts.

- Students of Institute along with social organizations conduct health check-up camps for villagers. Institute has National Social Service (NSS) Unit, which organizes the community development programs in villages. Such camps help the students to understand the rural life, problems of villagers and suggest probable engineering solutions.

- Organizing Blood donation camps, tree plantation, helping the needy at places like orphanages, promoting adult literacy among rural public, lectures for farmers on Soil Testing, Water purification and Management, Health Care for child and women, Science & Technology for School Children: Simple lab Experiments are developed to teach basics of science for school children, are some of the activities undertaken by our students.

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

Institute has student counsellors through which the student involvements in various social activities are monitored.

Extra-curricular activities and value education provide avenues to students to become aware of the social environment, the social evils, citizen responsibility and individual contribution to make the society a better place to live.

The institute has NSS and students participate in various social activities.

The institute has motivated the students to maintain plastic free campus by banning the use of plastic in the campus through which students imbibe the qualities of social responsibility.

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

The college conducts parents meets and collects feedback from parents to know about academic performance and quality of their wards and to provide constructive suggestions to improve the overall performance and quality of their wards and quality of institution. The college takes exit feedback from recruiters during campus placement and utilizes them to hone up the skills of the students. The College Management takes decisions and policies keeping in view the perceptions of all stake holders and recommends to the Governing Body.

A registered Alumni association of the college has been established which provides feedback on college. They are also extending their activities by interacting with present students by delivering suggestions and advises on placement opportunities and what the industry expects from them and what are the skills required in the industry of their domain.

One student from each class is nominated as student representative. He/ She communicate student's requirements and problems to the respective teacher / faculty advisor / head of department / Principal. Suggestion / Complaint box is placed at various places on the campus which are accessible to students. Students have the freedom to approach the Principal during consulting hours without prior appointment.

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

Institute identifies the areas where the society and academic community need the extension and outreach programs.

It also identifies the resource persons and faculty and plans the programs. Institute has its own budget for the programs. Apart from this, Institute applies for funding to social organizations to carry out the program.

Budgetary details for extension and outreach programs are as follows:

S. No.	Dept	Name of the Program	Budget Amount in Rs Lakhs			
			2015-16	2014-15	2013-14	2012-13
1	CSE & IT	U.G & P.G	153.76	153.76	23.87	22.00
2	ECE	U.G & P.G	20.91	20.91	29.90	25

3	EEE	U.G	8.31	8.31	13.17	12
4	MECH	U.G & P.G	12.36	12.36	21.02	20
5	CIVIL	U.G & P.G	8.91	8.91	14.27	12

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 college has a dedicated unit of NSS established in 2012-13. The unit is actively conducting programmes and has won laurels in the field of extension activities. Institute promotes the students to participate in NSS and Social activities. Institute gives certificates to the students who participate in NSS programs. Institute rewards the best students of NSS. During induction program the NSS representatives appraise the students on the benefits and scope of the extension activities. The information about the proposed activities is disseminated on the notice board of the institution, circulars, web notifications and also briefing by the sections in charge.

3.6.6. Give the details on social surveys, research or extension work (if any) undertaking by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

Students are being motivated in this direction and they are bringing out special volumes containing surveys and research articles highlighting various problems of the poor and under privileged, under the guidance of NSS coordinator.

The institute has made a conscious effort to promote social justice as a value in learning process and administrative interactions. The institution sincerely practices state social affirmative schemes introduced by the government for the upliftment of higher education to under privileged communities. The college NSS unit makes survey of the educational, social, economical and psychological matters of the villages around the college. The NSS units actively organize welfare activities during every semester. The NSS trainee prepares the students morally and ethically strong enough to face challenges in day to day life.

Some of the activities carried out under the NSS program as listed below:

S. No.	Date(s)	Event Name	Conducted by	Venue
2015-16				
1.	13/10/2015	Durga Temple Volunteers	NSS	Durga TemplE, Vijayawada

S. No.	Date(s)	Event Name	Conducted by	Venue
2.	31/12/2015- 4/1/2016	Ayyappa SwamY Volunteers	NSS	GollapuDI
3.	5/2/2016	Blood Donation	NSS	URCET
4.	01/01/2016	Cloth Distribution	NSS	Slums of Vijayawada
2014-15				
1.	23/04/2014	Yuva Bharath	NSS	Vijayawada
2.	6/5/14- 7/5/2014	Election Volunteers	NSS	Kankipadu Constituency
3.	5/6/2014	Environmental Day	NSS	URCET
4.	8/7/2014	Blood Donation Camp	NSS	URCET
5.	25/09/2014 - 4/9/2014	Durga Temple Volunteers	NSS	Vijyawada
6.	10/10/2014	Seminar On Eye Care	NSS	Semiar Hall,URCET
7.	14/10/2014	Hudh Hudh Cyclone Releif	NSS	Visakhapatanam
8.	14/11/2014	Swacha Bharath		College
9.	24/11/2014 – 1/12/2014	JIO 30TH National Junior Athlete Championship	URCET	IGMS,VIjayawada
10.	1/12/2014	AIDS Day	URCET	Telaprolu
11.	23/12/2014	Good GovernencE Day	URCET	Seminar Hall
12.	30/1/2014- 5/2/2014	Special Camp	NSS	Savargudem
2013-14				
13.	3/07/2013	Uttarkhand FlooDS Relief DonatioN Collection	NSS	Vijayawada
14.	05/08/2013	Cloth Distribution	NSS	PottipadU
15.	06/11/2013	Blood Donation	NSS	URCE
16.	21/11/2013	Dental Camp(Siddhartha College)	NSS	URCE
17.	25/11/2013	Eye camp	NSS	URCE
18.	09/12/2013	Election Cards	NSS	Pottipadu
19.	19/12/2013	Goal Setting Seminar	URCET	College
20.	01/01/2014	Distribution Of Blankets	URCET	Slums Of Vijayawada
21.	19/01/2014	Pulse Polio	URCET	Telaprolu
22.	23/01/2014	Road Safety	URCET	URCE
23.	05/02/2014	Helping Hands	YVR. Hospitals, Vijayawada	Vijayawada

S. No.	Date(s)	Event Name	Conducted by	Venue
24.	28/01/2014	Lions Club Membership	URCET	Vijayawada

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.

Extension activities conducted by the Institute imbibe academic learning experience, values and skills not only to the students but also to the faculty. These activities refresh the environment for the institute. The institution has established to provide knowledge and quality education to all the sections of the society. It maintains modern outlook with developments without compromising on human values. It aims to pursue excellence towards creating manpower with higher degree of intellectual, professional and cultural development to meet the national and international challenges.

The outcome of the extension activities help to develop the overall personality of the students. These activities also help the students for better placements in companies. Such an activities carried out by an institution makes the students to understand real life problems and face them. The extension activities expose the students to rural life and possible application technology makes the life of rural people comfortable. The extension activity motivates the students to pursue higher studies and makes them useful to the society. The students who are part of this process have been spreading awareness and motivating other students also to look into the social upliftment of weaker section society.

Extension activities complement students academic learning process and inculcate the basic values and skills. The NSS programs give value to the students in building of leadership qualities spreading health and hygiene, national integration, social service, ecology and environmental protection, etc. Extension activities also help inculcating personal values like:

- Social responsibility
- Ethics and values
- Human values
- Societal behaviour
- Communication with community
- Team work
- Learning transfers

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?

Faculty and students of the Institution visit nearby villages and enquire the problems faced by them. The community stake holders and village gram panchayat people are invited for community program and their difficulties and suggestions are noted. The institution organizes the development program in villages in association the non-government organizations and NSS organization of the Institution.

The institution has taken initiative to make aware of the society about the social and health problems like, female foeticide, dowry system, environmental protection, consumer protection, anti-corruption, HIV awareness, anti-tobacco and alcohol, cleanliness awareness, etc. Time to time survey is conducted and feedback is obtained from the villagers and improvements are made in the planning and execution in the subsequent visits. Seminars are conducted by the faculty and the students in the villages to solve some of the problems mentioned above.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locally for working on various outreach and extension activities.

The institution has constructive relationships with other institutions of the locality. The blood donation camps & eye camps are organized with the help of reputed hospitals like Govt. Hospitals, Rotary Club, Red-cross, Chiranjeevi Blood Bank, etc. The NSS coordinates all its activities under the norms of the University. The unit organizes tree plantation, village cleanliness, awareness activities like, environment pollution, and effects of pesticides on human life with the help of NGOs.

3.6.10 Give the details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

The Institution received appreciation from the Red Cross Society and reputed local hospitals for organizing blood donation camp. The Institution also received appreciation from village panchayats for educating their rural people in terms of health care, hygiene, etc.

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.

- Collaboration with industries and external research laboratories results in student industrial visits, summer internships and student projects.
- Collaboration with Tata, IBM, Microsoft, Oracle, Intel, SAP Labs, and other industries helps in conducting placement training programmes, personality development and other soft skills.
- Deputing faculty members for exposure to industrial practices
- In plant training and industrial visits for students
- Guest lectures by industry experts on state of art technologies

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 signed MoUs with MNC's and reputed organisations to conduct activities like training, placement, development of training facilities, internship for students, guest lectures, participation in technical / scientific events and services. A copy is enclosed in Annexure XV. The institution has signed MoUs with the following companies:

S. No.	Name of the Organization	Date of MoU	Purpose of MoU
1.	IBM India Pvt Ltd	28-5-2014	To impart Software Training
2.	MICROSOFT	26-9-2014	Microsoft Licenses & Edvantage Program
3.	Oracle India Pvt Ltd	24-11-2014	Oracle Workforce Development Program
4.	SAP University	29-05-2015	SAP Institution License & Training
5.	Tata Technologies	24.08.2015	To Train Mechanical Students
6.	INTEL ®	14-08-2014	To Train ECE & EEE Students
7.	Aadhya Analytics	10-12-2015	Cloud Lab as a Service

3.7.3. Give details (if any) on the industry-intuition-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.

Industry-Institute Community interactions by inviting scientists and industrialists to deliver guest lectures and to organize workshops and seminars helped the institution in many ways.

- Faculty and students are trained to meet the technological needs of industry and society.
- Awareness on importance of collaborative research projects and live projects for students is created by inviting eminent scientists and industrial personnel.
- Both faculty and students are benefited by organizing Industry oriented workshops /seminars where in they gain hands-on experience and industrial exposure.

The following are the specific outcomes of our MoU's:

IBM and URCET have collaborated in order to equip students with knowledge and skills which will better position them in today's dynamic IT industry. The partnership will aim to make the workforce future ready, leading to enhanced employability.

IBM Career Education courses are designed to develop the right skills and nurture basic competencies that are needed to success in this dynamic industry. The program curriculum brings together the latest software content, real-world industry experience, hands-on lab courses and best practices, all into a single unique education program, to prepare students to be readily acceptable in the IT industry and by leading IT companies.

Along with Software Foundation modules, the Program will cover various IBM Software technologies such as IBM Rational for Software Engineering and Quality, Information Management using IBM DB2. Career Education courses also enable students on emerging technologies such as Mobile Application development and testing, Cloud Computing etc.

Experiential Learning from IBM Career Education:

The Program also caters to a requirement of college curriculum of Projects based on real world problems, which students can now undertake under the guidance of IBM designated experts. Through application of knowledge, reflective thinking, hands-on exploration and team interaction, this live work experience will familiarize students with industry standard methodologies like RUP and IBM Rational Tools and deployment on IBM Middleware. The Experiential Learning module covers all phases of application development right from understanding various challenges and analyzing requirements of a particular industry, to designing, developing, testing and deploying a suitable solution.

The Oracle Workforce Development Program is a worldwide program offered by Oracle University. It gives individuals in the community more options to develop the knowledge and experience with Oracle technologies that will position them for success in their careers. The program enables educational institutions to offer authorized Oracle training content as a part of existing certificate, diploma and degree programs. This makes it easier for more people to develop Oracle skills and earn credentials that will lead to career advancement.

Oracle Workforce Development Program Benefits Include :

- Access to the latest Oracle training courses, including Database Administration, PL/SQL, Java, Linux, Primavera Project Management, Oracle Applications, JD Edwards, Siebel, PeopleSoft, e-Business Financials, Solaris, Clinical, HR and SCM

- Comprehensive, lab-based, hands-on practice with Oracle software & hardware

- Flexible options to attend training - weekend and evening classes, Live Virtual classes, On Demand and more

- Validation of skills through industry recognized Oracle Certifications

- Expert assistance in choosing courses and educational paths

- Access to resources like e-Lance and o-Desk to help Oracle Certified Professionals find work

URCET got Platinum Certification for training the students to equip with knowledge and skills of Microsoft. The Training part in "Cloud Competency and related courses" is carried out under the Supervision of Microsoft.

TATA Technologies made MoU with USHA RAMA COLLEGE OF ENGG & TECHNOLOGY on BRIDGE (Bringing Industry Define Graduate Engineers) Program.

- Collaboration of TATA technologies with URCET is **First time in South India** and third College in India.
- An Exclusive High configuration, State of the art Lab for center of competence was established.
- TATA Technologies Provides the Software like AutoCAD, CATIA, 3DVIA, DELMIA, CAE-MSC, ENOVIA.
- Students will be able to Create and edit their own designs Using these software.
- Students not only create features needed for plastic part design but they learn the process behind the design.
- Students will get trained on various manufacturing process in virtual world which can't be possible in real world.
- Practical knowledge required in the real time world will be the main focus of this training
- World class training provided under the guidance of Tata Technologies.
- Students will find opportunities in various MNC's and R&D centers.

Intel ® College Excellence Program:

The Intel College Excellence Program is focused on three areas:

- Curriculum enhancement, with focus on experiential learning, at leading engineering colleges.
- Delivery of training programs in areas like innovation and entrepreneurship.
- Digital literacy programs are offered in rural areas to promote entrepreneurship among youth and women.
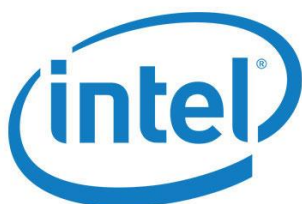
SAP University Competence Center:

This centre organises courses on Introduction to SAP ERP using GBI 2.3 explains how the fundamental business processes interact with SAP ERP in the functional areas such as Sales and Distribution, Production Planning, Financial Accounting, and Human Capital Management. Materials provided include an introduction to SAP, an SAP ERP navigation case study as well as slides, exercises, and case studies for each of the below SAP ERP modules.

Sunkara Anil Chairman of Usha Rama College, receiving SAP Certification from SAP University India head Rahul (left), Knowledge Management director Ravi Kiran (second from left), GBI head G.Srinivas (second from right) and Technical director Tarun Kakani (right).

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.

Eminent experts from industry, scientific organizations and Universities have visited our Institution. The details are as follows:

2015-16

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1.	22.08.2015	Software Testing	Guest Lecture	Mr.D.Srinivasulu	IV & III CSE Students
2.	25.09.2015	Data Warehousing	Work ShoP	Mr. Jayen Thakker	IV & III CSE Students
3.	30.09.2015	Big Data	Work Shop	Mr. R. Mallarswamy	IV & III CSE Students
4.	30.09.2015	Personality Development	Guest Lecture	Mrs. (Dr) V. Radhika Reddy	ALL CSE StudentS
5.	06.10.2015	Human Values	Guest Lecture	Radha Brahmakumari	All CSE Students
6.	13.10.2015	IT Industry Requirements	Guest Lecture	K. Suryanarayana	All CSE Students
7.	28.12.2015	Soft Skills	Guest Lecture	Mr. Chaitanaya Vaddi	IV CSE Students
8.	29.12.2015	Enterprise Applications	Guest Lecture	Mr Sri Charan	IV CSE Students
9.	12.11.2015	Guest Lecture on irrigation structures	Guest Lecture	P Pandu Ranga Rao VRSiddardha	All the Students of 2 B. Tech and Faculty
10.	16.01.2016	Guest Lecture on water resource	Guest Lecture	Dr V Srinivaslu JNTUK	All the faculty members in the civil

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
		system management			
11.	05.02.2015	ORACLE	2weaks Certified Training Program	Mr.Das Gupta Channel Manager	ECE , students
12.	26.02.2015	HR, IBM	2weaks Certified Training Program	Ms. Sheethal Soni IBM Country Manager	IBM students
13.	13.06.2015	Information Technology	Workshop	Yarlagadda Prasad	All 1st year students
14.	11.02.2015	Radio Communica-tion	MATLAB workshop	MR. Jameel Reddy Chief Engineer,	IV B.Tech ECE and III B.Tech ECE students
15.	15.9.2015	Civil Engineering	SDC	Prof. V. Srinivasulu,	B.Tech Mechanical Students & Staff
16.	22.09.2015	Software Trainer	Guest Lecture	Vishalatchi	III ECE students
17.	13.10.2015	Software Trainer	Guest Lecture	K.Suryanarayana	III ECE students
18.	29.12.15	Challenges on Global warming	1day seminar	Dr. P. Sai Prasad	All B.Tech Students
19.	17-07-2015	IVSDIAP	IEEE Workshop	Dr.P.V.R.L. Narasimham	All EEE students & Porfessionals of all colleges & Institutes
20.	18-12-2015	PLC SCADA	Skill Development Training	Mr.Rajesh	III & IV B.Tech EEE students
21.	05.02.2015	ORACLE DAY	ORACLE DAY WDP Inaugural Program	MR. Raj Das Gupta,	CSE,IT,ECM students
22.	14.02.2015	Tech Fest	YOUR FEST 2K15	Mr. Anil Sunkara	URCET
23.	26.02.2015	Skill Development Training	IBM Career Education	MR. Kumal Dureja	EEE,ECE,CSE,IT Students
24.	26.02.2015	Skill Development Training	IBM Career Education	Mr. Sheethal soni.	EEE

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
25.	26.02.2015	Skill Development Training	IBM Career Education	Mr. Narayana V. Prasad .	EEE
26.	11.02.2015	Skill Development Training	Annual Day Chief Guest	MR. Jameel Reddy	URCET
27.	13.06.2015	Skill Development Training	Sikshana Program	Mr. Yarlagadda Prasad,	URCET Students
28.	17.07.2015	Work Shop	IEEE Workshop	MR. P.V.R. Narasimaham	EEE Students & Working Professionals.
29.	10.08.2015	Guest Lecture	Anti Ragging	Mr. Abhishek Mohanthi,	URCET
30.	21.08.2015	Work Shop	Workshop on Advanced Structural Analysis Using Staddpro	DR.P.Udaybhaskar,	CE Students & Working Professionals.
31.	24.08.2015	Inauguration	Inauguration of Tata Technologies Centre For Competence	Mr. Devineni Uma Maheswara Rao	URCET
32.	03.09.2015	Work Shop	One Day NationaL Workshop On Micro Electro Mechanical Systems (MEMS)	Prof. A.K. Pandey	ME Students & Working Professionals
33.	15.9.2015	Guest lecture	Guest lecture	Prof. V. Srinivasulu.	URCET-CE students
34.	15.9.2015	Guest lecture	Guest lecture	ProF. G. Viswanath Kumar	URCET-CE students
35.	22.09.2015	Skill Development Training	IBM TraininG Program For EEE; ECE; CSE; IT BrancheS On HTML 5, JAVA	ms. vishalATCHI , MR. JayeN Thakker	EEE; ECE; CSE; IT Students of URCET

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
			SCRIPT, DOJO Mobile And Business Intelligence Using IBM COGNOS		
36.	27.09.2015	Skill Development Training	IBM Training Program For CSE; IT; ECM Branches On Big Data & Analytics	& mr. R. Mallarswamy	CSE,IT,ECM Students
37.	30.09.2015	Seminar	Inauguration Of Women Empowerme nT & Grievance Cell (WEGC)	Mrs. (Dr) V. Radhika Reddy	URCET-Girl Students & Staff
38.	06.10.2015	Seminar	Seminar On Stress Managemen T & Happy Living by Brahma Kumaris	Brahmakumari Ratnakumari & Brahmakumari Ratnakumari	URCET- I B.Tech Students
39.	13.10.2015	Skill Development Training	Industry and Academia interation with Tata Consultancy Services (TCS)	K. Suryanarayana	URCET
40.	3-9-2015	MEMS	MEMS - 2K15	Dr.A.K.Pandey Asst. Professor IIIT, Hyderabad	All Mechanical students & Staff
41.	27-01-2016	One day seminar	Robotic medical applications	Dr V L krishnan	All Mechanical students & Staff

2014-15

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1.	05.02.2015	Oracle Applications	Guest Lecture	MR. Raj Das Gupta	IV & III CSE/IT Students

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
2.	26.02.2015	Software Engineering	Guest Lecture	Mr. Kunal Dureja	IV & III CSE StudentS
3.	13.06.2015	Job Opportunities	Guest Lecture	Mr. Yarlagadda Prasad	IV & III CSE Students
4.	11-08-2014	Salt Water Intrusion	Guest Lecture	DR G venkata Rao GMRIT	III&IV B.Tech students
5.	23-11-2014	Steel Structures	Guest Lecture	Dr K sai ram RVR& JC	III&IV B.Tech students
6.	09-03-2015	Soil Foundations	Guest Lecture	Dr M Rama Rao RVR& JC	Civil Students
7.	22.12.2014	Signal Processing	Guest Lecture	Dr.G.N.Swamy VR Siddartha Engg,College	III,IV ECE students and staff
8.	12.07.2014	VLSI	Work Shop	Dr. K. Kama Raju Gudlavalleru Engg.College	ECE B.Tech Students
9.	14.02.2014	Communications	Soft skills	Dr. Habeebulla Khan KL University	ALL ECE STUDENTS
10.	13-11-14	Applications of Nano-materials	Guest Lecture	Dr. B.Rama Krishna, BEC	1st year students and staff
11.	18-03-2014	Electrical Machines	Guest Lecture	MR. Loveswara Rao BurthI	II ,III B.Tech EEE students
12.	06-11-2014	EMF	Guest Lecture	Mr.V. Kranthi Kumar	II B.Tech EEE students
13.	24-10-2014	Electrical Machine Design	Guest Lecture	MR. DokupartHY Narasimha Rao	III B.Tech EEE Students
14.	14-08-2014	Power Electronics & Drives	Guest Lecture	Mr.Joshi Manohar	III & IV B.Tech EEE Students
15.	26-3-2015	One day seminar	Composites & advanced materials	Dr. S.Rajesh, S.R.K.R engg. college, Bhimavaram	All Mechanical students & Staff
16.	2-9-2014	Work shop	Materials & Characterisation	Dr.N.Ramanaiah, Professor, Andhra University Vizag	All Mechanical students & Staff

2013-14

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1.	17-6-2014	Trends in COBOL Programming	Guest Lecture	Mr S. Sudheer	IV CSE Students
2.	25-7-2014	Advanced JAVA	Guest Lecture	Mr Hima Kiran	IV CSE Students
3.	22-08-2013	Earth Quake Resistant Design	Guest Lecture	Dr R Ravi Prasad NIT Warangal	B.Tech 2nd year Students
4.	07-04-2014	soil mechanics	Guest Lecture	Dr Krishna Murthy VR Siddhardha	B.Tech 3rd and 4th year students
5.	07.02.2013	PCB Design	Workshop	Indo- Global Services,Hyd.	ALL ECE Students
6.	23.11.2013	Guest lecture on Micro Processors	Department Association (E-CRATZ)	Dr. K. Kama Raju HoD,Gudlavalleru Engg. College	III,IV ECE Students
7.	26-11-13	Personality Development and Career Planning	Soft skills	Mr. Raj Kumar, Trainer, Tech Mahindra	All I B.Tech Students
8.	02-02-2013	Guest lecture on PLC	Guest Lecture	Dr. V.Rajesh	III & IV B.Tech EEE Students
9.	22-03-2013	Guest lecture on Thermal power plant	Guest Lecture	Mr. K. Satyanarayana	II B.Tech EEE Students
10.	03-07-2013	Guest lecture on Control system engg	Guest Lecture	DR.K.S.SRIKANTH	II & III B.Tech EEE students
11.	12-08-2013	Power System protection	Guest Lecture	Mr.SK.Sharief	III& IV B.Tech EEE students
12.	3-12-2014	One day seminar	Alternate Fuels	Prof. K L Narayana Associate Professor K L University	All Mechanical students & Staff

List of eminent participants who contributed to staff development Academic year 2015-16

S No	Date	Eminent academic	Topic of Event	Participants	Beneficiary
1	22-08-2015	Mr. K.Raj Kumar	Teaching methods	20	Staff
2	28-01-2016	Mr. M.Sambasiva Rao	Programming	20	Staff

			Skills		
3	3-30-2016	M. Revathi devi	SADANA	20	Staff
4	12-11-2015	M Pandu Ranga Rao V.R. Siddardha	Guest Lecture	9	Staff
5	16-01-2016	Dr.V. Srinivaslu JNTUK	Guest Lecture	9	Staff
6	11-05-2015 TO 23-05-2015	SADHANA-2015	Communication skills development	25	ECE Staff
7	29.12.15	Dr. P.Sai Prasad	Teaching Strategies	100	Staff
8	13-05-2015	Mr. Yarlagadda Prasad,	FDP-Saadhana	120	URCET-Staff
9	17-07-2015	Dr.P.V.R.L. Narasimham	IEEE Workshop-IVSDIAP	11	URCET EEE-staff
10	03-09-2015	A. K. Panday	MEMS2K15	150	All MECH, ECE, EEE & EIE students
11	27-01-2016	Dr V L Krishnan	Seminar	120	All MECH students
12	26-3-2015	Dr.S. Rajesh	Seminar	120	All MECH students
13	22-08-2015	Mr K.Raj Kumar	Teaching methods	20	Staff
14	28-01-2016	Mr M.Sambasiva Rao	Programming Skills	20	Staff
15	30-03-2016	M Revathi devi	SADANA	20	Staff

Academic year 2014-15:

S No	Date	Eminent academic	Topic of Event	Participants	Beneficiary
1	14-07-2014	Mr R.S.P. Veera Raj	Human Ethics and moral values	20	Staff
2	20-02-2015	G. Gopal Krishna	Teaching attitude and methodologies	20	Staff
3	7-3-2015	P Raj kumar	SADANA	15	Staff
4	11-08-2014	DR G Venkata Rao GMRIT	Guest Lecture	10	Staff
5	23-11-2014	Dr K. Sai ram RVR& JC	Guest Lecture	10	Staff
6	19-05-2014	SADHANA-2014	Teaching Methods	21	ECE Staff
7	14-07-2014	Mr.M. Manigandhan	Simulation of Power Converters using SIMULINK	12	URCET EEE
8	2-9-2014	Dr.N.Ramanaiah	Workshop	120	All MECH students

9	14-07-2014	Mr R.S.P.Veera Raj	Human Ethics and moral values	20	Staff
10	20-02-2015	G.Gopal Krishna	Teaching attitude and methodologies	20	Staff
11	7-3-2015	P Raj kumar	SADANA	15	staff

Academic year 2013-14:

S No.	Date	Eminent academic	Topic of Event	Participants	Beneficiary
1	11-06-2013	Mrs Sridevi	Communication Skills	15	Staff
2	21-01-2014	T.srinivasa Rao	Teaching methods	15	staff
3	16-2-2014	M Revathi devi	SADANA	20	staff
4	22-08-2013	Dr R Ravi Prasad NIT Warangal	Guest Lecture	7	staff
5	07-04-2014	Dr Krishna Murthy VRSiddhardha	Guest Lecture	7	staff
6	20-05-2013 TO 31-05-2013	SADHANA-2013	Course on MS Office and Documentation and filing	20	ECE Staff
7	11-06-2013	Mrs Sridevi	Communication Skills	15	Staff
8	21-01-2014	T.srinivasa Rao	Teaching methods	15	staff
9	16-2-2014	M Revathi devi	SADANA	20	staff

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 –

a) Curriculum development / enrichment
b) Internship / On-the-job training
c) Summer placement
d) Faculty exchange and professional development
e) Research
f) Consultancy
g) Extension
h) Publication
i) Student placement
j) Twinning programs
k) Introducing of new courses
l) Student exchange

m) Any other

The linkages and association with various industries helped in having 8 MoUs with different MNC organizations.

a) **Curriculum development/enrichment:** The inputs taken during the interaction with experts from research organizations, academics and industries were beneficial in communicating the same during the BoS meetings of the JNTUK University.

b) **Internship/ On-the-job training:** Collaboration with various industries has been providing an opportunity to the students for industry exposure, acquiring training skills for placements and getting projects from industries. Collaboration with Tata, IBM, Microsoft, Oracle, SAP Labs, and other industries gave our students in having hands on experience and help them stand ahead of others in the market.

c) **Summer placement:** Collaboration with various industries / organizations has helped our students to undergo short-term training and internship programmes during summer vacation period for three weeks as prescribed in the university curriculum. The college is able to depute M.Tech students to industries for taking up live projects and work at industry for short duration period.

d) **Faculty exchange and professional development:** Institute arranges workshops, seminars and conferences at department and inter department levels to exchange the ongoing research activity in the fields of national importance and industry needs. Institute also deputes faculty to exchange their research expertise at workshops, conferences and training programs arranged at other colleges/organizations.

e) **Research:** The linkages helped in enhancing the research culture in the college.

f) **Consultancy:** The college plans to enhance the consultancy works through interaction with industry through MOUs.

g) **Extension:** NIL

h) **Publication:** There has been a substantial increase in number of research publications in the last 3 years as indicated in 3.4

i) **Student Placement:** Providing job market information and related inputs to students Pre-placement training from third year onwards by agencies like condura, Time Institute etc. Personality development programmes and frequent assessment tests in

aptitude, reasoning and verbal evaluation of students by external assessment agencies

j)   Twinning programmes: NIL

k)   Introduction of new courses: The intake in UG courses of Mechanical and Computer Science Engineering were enhanced to 120 each and ECE increased to 180 based on the industry needs. ME courses in computer science, Machine design, control systems and communications systems were introduced in view of demand for such courses in the industry.

l)   Student exchange:

- Students are deputed to industries / research organizations during summer vacation for industry exposure and to take up the projects related to industry needs.

- Experts from industry and research organizations are invited for interactive sessions with students for exchange of knowledge and practical skills making the students meet industry requirements.

- The departments organize state-wise and inter-collegiate festivals, seminars and technical paper contests and students from various institutions exchange their ideas in thrust areas of engineering and other fields.

- The institution arranges industrial tours to the students every year to expose them to the practical aspects of industry and to fill the gap between theory and practical applications which enhance the exposure to real working environment.

m)   Any other: --

The following is list of students who have undergone internship in industries

S No.	Year	Branch	Name	Company
1.	2015-16	MECH	Deepak kumar	Vizag Steel Plant **18-5-15 to 24-5-15**
			Manikanta	
			Jagadeesh	
			Satyanarayana	
			Surya Thanmai	
			R.Harsha vardhan	Kiran Industries pvt.ltd **25-5-15 to 8-6-15**
			Manikanta	
			Anil kumar	
			Ramesh	
			A.Raghuram Reddy	
			A. Sai vivek	
			Suresh	

2.	2014-15	CSE	Rajeswari K	Advansoft International **22nd Nov 14 – 9th May 15**
		CSE	Yoshitha K	
		CSE	Ajmal S	
		CSE	Sai Sree Vanaja P	
		CSE	Bhavith Sai M	
		CSE	Jayasree M	
		CSE	Naga Surya K	
		CSE	Naveen S	
		CSE	Naga Mounika A	
		CSE	Girish T	
		CSE	Anudeep G	
		CSE	Chandini A	
		CSE	Garghavi K	
		CSE	Kavya G	
		CSE	Mounika K	Advansoft International **22nd Nov 14 – 9th May 15**
		CSE	Sruthi M	
		CSE	Shiva Prakash C	
		IT	Viswakanth P	
		IT	Karthik K	
		IT	Sai Kiriti G	
		IT	Suvarna A	
		IT	Rishitha J	
		IT	Chaithanya B	
		IT	Rama Raju CH	
		IT	Akhil P	
		ECM	Mukesh V	
		ECM	Phani A	
		ECM	Varun CH	
		ECM	Dilip Reddy K	
		ECM	Jameer S	
		EEE	Laxman Naga Kiran N	

The following is list of students who are placed in the companies:

Academic Year 2015-16

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
1	12NG1A0571	N.V.P. Balaji	CSE	All Online Service
2	12NG1A0551	K. Reshma Nandini	CSE	I-NET
3	12NG1A0520	Ch. Mounika	CSE	I-NET
4	12NG1A0519	Ch. Kavya	CSE	Syneza
5	12NG1A0548	K. Kanthi	CSE	Syneza
6	12NG1A0567	M. Sandhya	CSE	Syneza
7	12NG1A05A3	V. PadmaVani	CSE	Syneza
8	12NG1A0546	K.N.V.Teja	CSE	Retail On

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
9	12NG1A05A3	V.PadmaVani	CSE	Mphasis
10	12NG1A0425	G.Dhana Lakshmi	ECE	HGS
11	12NG1A0426	G.Sai Manideep	ECE	I-NET
12	12NG1A04A6	Y.YESHAWSWINI	ECE	I-NET
13	12NG1A0462	M.NAGA ASWINI	ECE	I-NET
14	12NG1A0433	G.Meghana Reddy	ECE	I-NET
15	12NG1A0474	P.ANUROOP	ECE	HGS
16	12NG1AO405	A LAVANYA	ECE	HGS
17	12NG1AO414	B Sai Kishore Reddy	ECE	ALLONLINE
18	13NG5A0421	G Swathi	ECE	ALLONLINE
19	12NGA01917	Sk.Arshia Afrouz	ECM	HGS
20	12NGAO1911	M.Vaishnavi Prathyusha	ECM	I-NET
21	12NG1A0227	Azeez Patan	EEE	ALL ONLINE
22	12NG1A0224	Marcy Henna Roy	EEE	Genpact
23	12NG1A0214	J.S.Prasanth	EEE	HGS
24	12NG1A1218	Namburi Jayakrishna	IT	ALL ONLINE
25	12NG1A1208	Kanaparthi Rahul	IT	HGS
26	12NG1A1224	SK.Rabbani	IT	I-NET
27	12NG1A0129	Kurapati Thanuja	CI	HGS
28	12NG1A0107	Chaparala Yatish Chowdary	CI	ALL ONLINE
29	12NG1A0152	Thota Sravani Sindhu	CI	ALL ONLINE
30	12NG1A0124	Kilari Sampath kumar	CI	ALL ONLINE
31	12NG1A0304	Akula Sai Gopi	ME	ALL ONLINE
32	12NG1A0361	Koralla Anil Omkar	ME	ALL ONLINE
33	12NG1A0365	Maganti Charan Kumar	ME	ALL ONLINE
34	12NG1A0363	Kunnapaneni Sateesh	ME	ALL ONLINE
35	12NG1A0373	Muvva Sesha Rao	ME	ALL ONLINE
36	12NG1A0399	Sivaramireddy Lokireddy	ME	ALL ONLINE
37	12NG1A03A1	S.Ganesh	ME	ALL ONLINE
38	12NG1A0390	Ravuri Raja Sai Srinivas	ME	ALL ONLINE
39	12NG1A03A0	S.N Manikanta	ME	HGS

Academic Year 2014-15

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
1	11NG1A0329	Pavan Kumar	MECH	Eider Motors

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
2	11NG1A0314	B.Kalyan Babu	MECH	Eider Motors
3	11NG1A0307	M.Daram Sai Teja	MECH	Eider Motors
4	11NG1A0341	Sai Krishna.R	MECH	Eider Motors
5	12NG5A0304	Kiran Kumar .J	MECH	Eider Motors
6	12NG5A0311	Srikanth. B	MECH	Eider Motors
7	11NG1A0345	Siva Raghavendra Rao	MECH	Eider Motors
8	11NG1A0325	K.N.Sai Suman Niadu	MECH	Eider Motors
9	11NG1A0327	E.D.V.V.Sai Krishna	MECH	Eider Motors
10	11NG1A0346	V.S.Goutham	MECH	Polaris
11	12NG5A0310	Santha Kumar Yemu	MECH	Corpone
12	12NG5A0311	Srikanth Bonam	MECH	Corpone
13	11NG1A0343	Battina Sai Kiran	MECH	Corpone
14	11NG1A0327	Nagaraju Jonnalagadda	MECH	Corpone
15	12NG5A0307	Kandula Ravi babu	MECH	Corpone
16	11NG1A0328	Nikhil Rohith Pakalapati	MECH	Corpone
17	11NG1A0333	Koppula Prashanth	MECH	Corpone
18	11NG1A0113	V.Jaya Venkata Subrahmanyam	CIVIL	Corpone
19	11NG1A403	Nalla Akhil Sai Kumar	ECE	Corpone
20	11NG1A406	Anusha Devi Vasamasetty	ECE	Corpone
21	11NG1A468	Rajesh Gottimukkala	ECE	Corpone
22	11NG1A4B2	Vijay Bhargav Yarlagadda	ECE	Corpone
23	11NG1A450	Naga Dilip Kumar Mallampalli	ECE	Corpone
24	11NG1A460	Prasannna Kumar Reddy Vadicherla	ECE	Corpone
25	11NG1A421	Durga Venkata Mahesh Vudatha	ECE	Corpone
26	12NG5A413	Mohammed Ibrahim	ECE	Corpone
27	11NG1A433	Keerthi Lasya Penumaka	ECE	Corpone
28	11NG1A498	CH.siva sankar	ECE	Corpone
29	12NG5A413	Mohammed Ibrahim	ECE	Corpone
30	11NG1A419	A.Devi Sri	ECE	Polaris
31	11NG1A420	P.Divya Bharathi	ECE	Polaris
32	11NG1A4A1	M.S.V.S.Chanadan	ECE	Polaris
33	11NG1A464	K.Radhika	ECE	Global ERP

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
34	11NG1A454	D.N.Sai Chandra	ECE	Global ERP
35	11NG1A452	N.N.S.Madhuri	ECE	MAX Group
36	11NG1A462	N.Prathuysha	ECE	MAX Group
37	11NG1A414	m.bhavya soinka	ECE	MAX Group
38	11NG1A461	D.Prasanna kumar	ECE	MAX Group
39	11NG1A415	Bhavya Sri K	ECE	MAX Group
40	11NG1A449	V.Mounika	ECE	MAX Group
41	11NG1A401	T. Abhilash reddy	ECE	MAX Group
42	11NG1A418	P. Deepak chaitanya	ECE	MAX Group
43	12NG5A421	Samba siva rao	ECE	MAX Group
44	11NG1A427	R.H. Lucy Supriya	ECE	HGS
45	11NG1A4B4	Sai Thilak	ECE	HGS
46	11NG1A0204	J.Bobby Kiranmai	EEE	Corpone
47	11NG1A0206	B.Rama Raju	EEE	Corpone
48	11NG1A0242	P.Uday Prakash	EEE	Corpone
49	12NG5A0201	Sk.Abudal Azeez	EEE	Corpone
50	12NG5A0205	P.Dali Naidu	EEE	Corpone
51	11NG1A0215	Prakash.K	EEE	Eider Motors
52	12NG5A0206	P.Divya	EEE	MAX Group
53	11NG1A0221	K.Meenakshi	EEE	MAX Group
54	12NG5A0207	V.jugala naga kumar	EEE	MAX Group
55	11NG1A0254	G.YOGITHA	EEE	MAX Group
56	11NG1A0227	R.Ratna kumari	EEE	MAX Group
57	11NG1A1904	M.Bhavana	ECM	Polaris
58	11NG1A1933	K.Rahul Gandhi	ECM	Polaris
59	11NG1A1919	D.Manoj Kumar	ECM	Polaris
60	11NG1A1912	Kavitha Parepalli	ECM	Corpone
61	11NG1A1938	Samatha Moturi	ECM	Corpone
62	11NG1A1905	Chalasani Komali	ECM	Corpone
63	11NG1A1935	Sai Kumar Mahankali	ECM	Corpone
64	11NG1A1930	Prasanna Kumar Kambhapu	ECM	Corpone
65	11NG1A1951	Ch.Varun Pavan Kanth	ECM	Corpone
66	11NG1A1929	Phebe Priyanka Kankipati	ECM	Corpone
67	11NG1A1923	Nanda Gopal Nimmagadda	ECM	Corpone
68	11NG1A1927	Khambham Parimala	ECM	Corpone

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
69	11NG1A1928	A.Phani Bhushan	ECM	XPORT SOFT
70	11NG1A1908	M.Divya	ECM	Global ERP
71	11NG1A1910	Syed Jameer	ECM	Global ERP
72	11NG1A1943	S.Sowmya	ECM	Global ERP
73	11NG1A1920	V.Mukesh	ECM	Global ERP
74	11NG1A1209	J.Durga Rishitha	IT	Polaris
75	11NG1A1231	Tatineni Nikhitha	IT	Corpone
76	11NG1A1243	Chavali Sai Surekha Gokul	IT	Corpone
77	11NG1A1208	K.Dhanonjaya Rao	IT	Corpone
78	11NG1A1230	D.Raja Hemanth	IT	Corpone
79	11NG1A1216	P.Jaideep	IT	Corpone
80	11NG1A1223	Pillagolla Leela Krishna	IT	Corpone
81	11NG1A1244	Ch.Sai Sri Durga	IT	Corpone
82	11NG1A1227	T.Mounika	IT	Global ERP
83	11NG1A1238	CH.Prathyusha	IT	Genpact
84	11NG1A0527	Sk.Mohommad Ali	CSE	Polaris
85	11NG1A0522	Md.Laiq Arshad	CSE	Polaris
86	11NG1A0510	P.Divya	CSE	Corpone
87	11NG1A0555	Nishanth Motapotula	CSE	Corpone
88	11NG1A0506	Bhargavi Bitra	CSE	Corpone
89	11NG1A0513	Y.Harika	CSE	Corpone
90	11NG1A0537	D.Pranusha	CSE	Corpone
91	11NG1A0525	K.Madhuri	CSE	Corpone
92	11NG1A0523	K.Lavanya	CSE	Corpone
93	11NG1A0531	TNK Durga Rao	CSE	Corpone
94	11NG1A0551	Chimata Suresh	CSE	Corpone
95	11NG1A0558	K.Yoshitha	CSE	XPORT SOFT
96	11NG1A0505	Sk.Azmal	CSE	XPORT SOFT
97	11NG1A0544	P.Sai Sri Vanaja	CSE	XPORT SOFT
98	11NG1A0512	T.Girish	CSE	XPORT SOFT
99	11NG1A0546	B.Shyam Nandan	CSE	Global ERP
100	11NG1A0544	P.Sai Sree Vanaja	CSE	Global ERP
101	11NG1A0536	S.Naveen kumar	CSE	Virtusa
102	11NG1A0559	Meer Zohra	CSE	HGS
103	11NG1A0534	E.Naga Suneetha	CSE	HGS
104	12NG1F0002	Arun Kumar	MCA	XPORT SOFT

Academic Year 2013-14

S. No.	Adm.No.	Name of the student	Branch	Company
1	10NG1A0237	V.Sahitya	EEE	GENPACT
2	10NG1A0426	M.Neelimasai	ECE	GENPACT
3	10NG1A0442	Y.Sreesai Sneha	ECE	GENPACT
4	10NG1A0443	V.Sai Sudha	ECE	GENPACT
5	10NG1A0445	Rukhsana salma	ECE	GENPACT
6	10NG1A0507	P.Charitha	CSE	GENPACT
7	10NG1A0552	B.Sushmitharaj	CSE	GENPACT
8	10NG1A1202	Ameena Zulfi	IT	GENPACT
9	10NG1A1926	D.Manjula	ECM	GENPACT
10	10NG1A1928	K.Mounika	ECM	GENPACT
11	10NG1A0519	N.L.V.Raja Mounika	CSE	LOGIC ERP
12	10NG1A0501	B.Alekhya	CSE	LOGIC ERP
13	10NG1A0245	M.Teja	EEE	WT Technologies
14	10NG1A0522	K.Manogna	CSE	WT Technologies
15	10NG1A1210	Bharath Kumar	IT	WT Technologies
16	10NG1A1935	P.Pratyusha	ECM	WT Technologies
17	10NG1A1934	B.Ravali	ECM	XPORTSOFT
18	10NG1A0519	N.L.V.Raja Mounika	CSE	XPORTSOFT
19	10NG1A0557	E.V.S.Kartheek	CSE	XPORTSOFT
20	10NG1A0503	Harishbabu Merugu	CSE	XPORTSOFT
21	10NG1A1957	M.V.S.Mani Gupta	ECE	MAYUKHA
22	10NG1A0156	O.Vijaya lakshmi	CIVIL	MAYUKHA
23	10NG1A1243	G.Ratna gayathri	IT	MAYUKHA
24	10NG1A1924	P.Manikanta sai	ECM	MAYUKHA
25	10NG1A1211	P.Bhargav ram	IT	MAYUKHA
26	10NG1A0249	A.V. Hima Bindu	EEE	MAYUKHA
27	10NG1A0443	V.Sai sudha	ECE	MAYUKHA
28	10NG1A0119	N.L.C.Sowjanya	CIVIL	MAYUKHA
29	10NG1A0301	P.Akhila naidu	MECH	MAYUKHA
30	10NG1A1242	U.Ramya	IT	MAYUKHA
31	10NG1A0413	B.Gopya	ECE	MAYUKHA
32	10NG1A0428	T.Phani chand	ECE	MAYUKHA

S. No.	Adm.No.	Name of the student	Branch	Company
33	10NG1A0422	G.Nagarjuna	ECE	MAYUKHA
34	10NG1A0445	Rukhsana Salma	ECE	T.C.S
35	10NG1A1211	Bh. Gupta	IT	AEGIS
36	10NG1A0501	B.Alekhya	CSE	AEGIS
37	10NG1A1216	M.Sai Kiran	IT	AEGIS
38	10NG1A0505	M.Asha Priya	CSE	AEGIS
39	10NG1A0527	Y.Naga Sowmya	CSE	AEGIS
40	10NG1A0534	G.Praveen Kumar	CSE	AEGIS
41	10NG1A0252	Vamsi Krishna. A	EEE	AEGIS
42	10NG1A1946	Ketha Sruthi	ECM	AEGIS
43	10NG1A1207	Thanveer Begum	IT	AEGIS
44	10NG1A1918	B.Hema Sravya	ECM	AEGIS
45	10NG1A0229	K. P.M.T.Sainath	EEE	AEGIS
46	10NG1A0438	Shaik Roshini	ECE	AEGIS
47	10NG1A0236	Roja Rani Kammili	EEE	AEGIS
48	10NG1A1913	Divya Sri .K	ECM	AEGIS
49	10NG1A0217	Karthika Kona	EEE	AEGIS
50	10NG1A0210	Harshini .K	EEE	AEGIS
51	10NG1A0445	Rukhsana Salma	ECE	Cognizant Tech
52	10NG1A0245	M.Teja	EEE	H.C.L
53	10NG1A1926	D.Manjula	ECM	H.C.L
54	10NG1A0126	K.Phebe Kiran	CIVIL	H.C.L
55	10NG1A1935	P.Pratyusha	ECM	H.C.L
56	10NG1A0507	P.Charitha	CSE	H.C.L
57	10NG1A0445	Rukhsana Salma	ECE	Infosys
58	10NG1A0308	T.Eswar	Mech	Sikka Group
59	10NG1A0302	Ungarala Anitha	Mech	Sikka Group
60	10NG1A0346	Chilla Sireesha	Mech	Sikka Group
61	10NG1A0348	S. Siva Naga Murthy	Mech	Sikka Group
62	10NG1A0122	A. Ravi Teja	CIVIL	Sikka Group
63	10NG1A0111	K .Harish Kumar	CIVIL	Sikka Group
64	10NG1A0128	Nanduri Priyanka	CIVIL	Sikka Group
65	10NG1A0142	Chintala Srikanth	CIVIL	Sikka Group
66	10NG1A0133	B. Ratnamala Reddy	CIVIL	Sikka Group
67	10NG1A0125	P. Phanindra Babu	CIVIL	Sikka Group

S. No.	Adm.No.	Name of the student	Branch	Company
68	10NG1A1913	K. Divyasri	ECM	3SBC
69	10NG1A1933	D.R.Mounika	ECM	3SBC
70	10NG1A1944	S.Sravya	ECM	3SBC
71	10NG1A1941	P.Snehalatha	ECM	3SBC
72	10NG1A0436	D.Raveena	ECE	3SBC
73	11NG5A0509	B.Sravani	CSE	3SBC
74	10NG1A0527	Y.Naga Sowmya	CSE	3SBC
75	10NG1A0503	D.Anusha Devi	CSE	3SBC
76	10NG1A0530	J.Pamee Reddy	CSE	3SBC
77	10NG1A1940	Md.Shafi Ulla Khan	ECM	3SBC

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations.

- Institution has planned and established linkages/collaborations related to academic and research activities with various industries and research institutes to implement training programs for students and faculty members in various specializations.

- College enters into MoU with various establishments mainly to establish the linkages / collaborations related to academic and research activities.

- Inviting experts from various divisions from other industries for delivering Guest Lectures, key note address in conferences, invited speaker in workshops and symposiums.

- Conducting joint technical programs and events with other organizations.

The Institution has established following cells for development of industry linkages and collaborations.

- Research and Development Cell
- Entrepreneurship Development Cell
- Industry Institution Partnership Cell

Criterion - IV

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 facilitates effective teaching and learning?

The Institution has a clear policy for providing good infrastructure facilities for academic and research excellence. Though the facilities were created as per the AICTE norms, the institution believes that, the facilities need to be regularly upgraded as per the requirements of the departments, to impart quality education through upgrading infrastructure with modern equipment in the classes and laboratories. The infrastructure of the institution includes well ventilated and well developed class rooms equipped with LCD projectors / OHPs in addition to conventional black boards with comfortable furniture. Photos of physical infrastructure are available in Annexure VIII. The Institution also equipped with good laboratories, hygienic and well maintained canteen, well connected, good transport facility for faculty and students, Wi-Fi campus connect, library with internet facility, power backup, reading rooms, playgrounds, separate hostels for boys and girls. The campus is spread over 13 acres with a total built up area of 30,000 m$^{2.}$

The Board of Governors of the Institution meets once in six months to look into the needs of the institution and provides necessary funds to the head of the Institution for implementation of the infrastructure facilities. Besides this, the Secretary of the institution also provide finances as and when the need arises for enhancement of infrastructure and other facilities.

The policy of the institution for enhancement of infrastructure facilities for effective teaching and learning are as follows:

Need analysis is made by each department every year on the requirement for the next academic year. The respective departments will prepare budget proposals under different heads such as capital budget, developmental budget and maintenance budget. In the Governing body meeting of the college, budget will be sanctioned for each department based on the merit of each proposal. Any purchases for development activities are carried out in systematic manner by calling for quotations, purchase committee meeting for technical and commercial negotiations and ensuring good quality facilities are created. The policy also includes priorities like: Creating ambience for research, development and consultancy services, Providing quality education with 100% results and

100% student placements as the target. Such an environment with a good infrastructure makes the teaching and learning more comfortable.

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.

b) Extracurricular activities, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

The Institution is located in a serene atmosphere near Vijayawada on NH-5. The total extent of land available to the Institution, at present, is 12.67 acres. The Institution has a built-up area of 30087 m^2. The Institution is endowed with a large campus and adequate infrastructure facilities and resources to conduct the curricular, co- curricular and extracurricular activities.

a) Infrastructure facilities for curricular and co-curricular activities

S. No.	Description	Numbers	Area (M^2)	Facilities Description
1	Classrooms	42	4115.10	Air conditioned class rooms with gallery type seating arrangement. Equipped with Multimedia Projectors with E-Beam Technology & Response Recording Facility.
2	Technology enabled learning space	1	110.41	Video Conferencing, WI Fi Connection
3	Seminar halls	7	989	Air-conditioned with a seating capacity of about 500 audience
4	Tutorial rooms	9	374.41	
5	Laboratories	74	6389.83	Air conditioned Computer Labs with more than 600 systems.
6	Workshop	5	1000	
7	Drawing Hall	1	175.83	
8	Administrative Rooms + Department Office	10	525.91	
9	HOD & Staff Rooms	14	985.15	
11	Conference Rooms	1	70.21	Air conditioned

S. No.	Description	Numbers	Area (M^2)	Facilities Description
12	Library & Information centre, Department Library	2	750	Library with 4000+titles, 18000+ Volumes, 100 Journals. Digital Library with 20 computers, connected with internet. Digital library is equipped with 9000 e books, databases such as ASME, IEEE, Taylor and Francis, Science Direct etc
13	Girls Hostel	1	1386.56	
14	Boys Hostel	1	5030	
15	Placement cell	1	50.2	Air conditioned
16	Physical Education Department	1	200	
17	Examination cell	1	40.41	Air conditioned
18	R&D Cell	1	70.21	Air conditioned
19	Alumni Cell	1	70.21	
20	Computer Centre	1	150	Air conditioned
21	Reception	1	220.82	
22	Others	-	1058.18	

The Institution conducts a number of technical fests for the benefit of students and faculty. Institution conducts at least one technical fest in a year. The technical event includes activities such as technical quizzes, debates on technical subjects, essay writing competitions on scientific and technical subjects, robotics competition etc. All the students are encouraged to participate in the technical events. Annexure − X. Some of our students have participated in technical fests organized in Universities / Institutions and have won prizes in such events.

The Institution has spacious class rooms with good seating arrangement for students fitted with fans, tube lights, dust bins, LCD projectors / OHPs, proper writing arrangements, ventilation and greenery around the class rooms.

Sufficient class rooms are available in every department to conduct remedial classes and tutorial classes for weak and needy students.

The Institution has well equipped laboratories and workshops in addition to cloud computing centre and specialised labs established by MNC's like Collaboration with Tata, IBM, Microsoft, Oracle, Intel, SAP Labs.

The Institution has an auditorium to conduct annual day, alumni meet, sports day, graduation day. Each department has an individual seminar hall for conducting seminars, guest lectures and workshops.

There is a separate placement cell with sufficient number of rooms for group discussion and interviews to be conducted by the companies. The Institution annually conduct the Engineers Day and the Teachers Day and awards are distributed the students in recognition of their excellent services.

To promote teaching and learning effectively to the students a majority of the class rooms are fitted with OHPs and LCDs. The Institution is having digital library with internet facility round the clock to carryout advanced studies and research activity.

Extra-Curricular activities: The extra-curricular activities include the sports, indoor and outdoor games, gymnasium, NSS, cultural activities, public speaking, communication skills, heath an hygienic, yoga, etc.

The Institution is providing facilities for the students to participate in sports, cultural and extra-curricular activities. Institution conducts cultural programs in collaboration with electronic media and encourages the students to participate in it to bring inherent talents of them.

The Institution encourages students to participate in state level and inter college tournaments.

Good numbers of sports activities are organized in college making the students to display their talent in sports and cultural events. A spacious play ground is available for outdoor games like, cricket, football, basketball, volleyball, etc.

Indoor games like table tennis, chess, and caroms are provided to the students in the college campus.

The Institution also has a separate Girls waiting room. Adjacent to the girls waiting room the indoors games meant for the girls also provided.

The Institution has a NSS and Socially relevant services are provided by NSS students in providing guidance to students in rural areas, community development etc.

Various activities like public speaking, communication skills, and technical skills program are conducted with external agencies for enriching students.

Every year the institution organizes the annual day in which both boys and girls exhibit their talents in performing arts like dances, dramas, etc.

This event brings out the hidden talent of students in performing arts. Annexure - XII

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).

Institution has developed Infrastructure and facilities as per the AICTE and the affiliating University norms. The campus is totally surrounded with picturesque scenery, plenty of trees greenery around the college building, sufficient space for outdoor games, canteen etc., as required for the welfare of the students.

Plan and optimal utilization of the available infrastructure:

- All our activities have been brought under the ISO quality system.
- By assessing the requirements and availability periodically through reviews, the infrastructure is optimally utilized.
- Common facilities like computer laboratory, library, I year laboratories, Seminar halls etc. are utilized by all departments.
- Library has long working hours (8AM to 8 PM) with internet facilities on all days including Saturday and Sunday.
- Specialised Content Server is maintained 24 hours with technicians working in shifts.

A new initiative to create separate infrastructure facilities for R&D and consultancy is proposed to be taken up shortly.

Institution develops the infrastructure in terms of laboratories, class rooms, etc., as and when AICTE approves for additional intake for starting new courses

During the last few years all the class rooms are fully equipped with the required furniture, fans lights, OHP/LCD and very good equipment is procured into the laboratories for students to carry out experiments.

Amount incurred for various facilities developed for the last 4 years (in rupees)

S. No	Description	2015-16	2014-15	2013-14	2012-13
1.	Infrastructure land / buildings	12532882	29737252	2920807	15929186
2	Laboratory equipment	927097	222710	3448190	6088180
3	Library books and Journals	4530520	196673	502747	776264
4	Furniture	1641095	992412	741590	3183517
5	Vehicles	5841000	6624386	3411472	5448128
6	Sports utilities	19350	45043	5200	319906
7	Utilities like Generator , water plant, water coolers etc.	686079	1442727	1006200	710000
8	Office Equipment	522359	304456	295321	424318
9	Electrical Installation	273292	1646715	1506195	16669847
10	Motors and pump sets	-	-	-	-
11	Air-conditioning	-	326100	290000	141000
12	Computers	3254690	14138341	2395193	2171842

The master plan of the institution is shown below and is also exhibited prominently at the entry point of the institution.
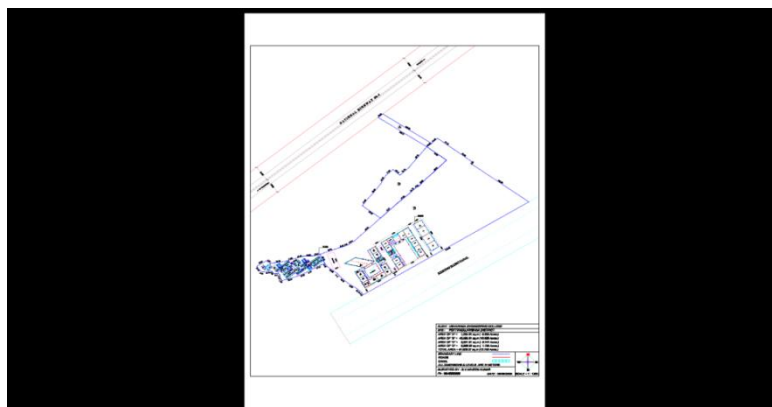
The following infrastructure facilities are available in the institution:

1. Total Campus Area Available : 51273.671 sq.mtrs.
2. Academic Activities : 13410.75 Sq.mtrs.
3. Administrative Area : 2511.88 sq.mtrs.
4. Co-curricular activities : 1242.63 sq.mtrs.
5. Library : 750 sq.mtrs.
6. Extra-curricular activities
   a. Indoor Games : 200 sq.mtrs.
   b. Outdoor Games : 10000 sq.mtrs.
7. Canteen : 190 sq.mtrs.
8. Hostel Facilities
   A. Boys : 5030 sq.mtrs.
   B. Girls : 1386.56 sq.mtrs.

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

To ensure that the infrastructure facilities meet the requirements of the differently- abled, the institute conducts its classes in the ground floor and maintains a separate facility for library books arranged through supporting staff . In addition most of the lab facilities are provided in the ground floor with a few in the first floor to provide easy access.

4.1.5 Give details on the residential facility and various provisions available within them:

- Hostel Facility – Accommodation available
- Recreational facilities, gymnasium, yoga center, etc.
- Computer facility including access to internet in hostel
- Facilities for medical emergencies
- Library facility in the hostels
- Internet and Wi-Fi facility
- Recreational facility-common room with audio-visual equipments
- Available residential facility for the staff and occupancy
- Constant supply of safe drinking water
- Security

The institution has provided hostel facility both for boy students and Girl students inside the campus. One staff member is nominated as hostel warden to look in to the needs of the students in the hostels. The hostel

is supervised by the hostel manager in terms of quality of food, infrastructure facilities and other needs of the students. As on now 100 boy students are accommodated in hostel and 100 girls students are accommodated in girls hostel. There is a separate hostel manager who interacts with the students in the preparation of food items every day. Breakfast, Lunch, evening snacks and dinner is provided for all the boarding students, both for boys and girls and on festivals and other important occasions, special items are also served to the students.

Recreation facilities, is also available in the institution. Both boys and girls make use of the facilities available for indoor and outdoor sports facilities. Outdoor sports like, volley ball, kho-kho, kabaddi, Badminton and Indoor games like, caroms, chess, and Table tennis are available for the benefit of the students. A majority of the students have made use of these facilities and have participated in inter college games and sports.

The institution has a Wi-Fi and central computing facility. The hotels are also provided with internet facility and students effectively make use of the facilities.

Medical facilities are also available in the institution and first aid boxes with a reasonable amount of emergency medicines are also made available in the hostels. A part time Doctor is appointed who comes to the college everyday and also spends some time in the institution and hostels to take care the medical requirements of students. The institution has identified a nearby hospital, in case of the students and faculty to be admitted as in patients. An ambulance support is available round the clock.

Some periodicals, magazines, newspapers are available for the students in the hostel apart from entertainment facilities like cable/dish TV.

The institution procures pure drinking water for all the students, faculty and staff. The ground water is being used for other purposes.

The campus is totally secured with the help of security personnel provided by the security agency. For safety against fire, adequate numbers of fire extinguisher and water points are available in the college and also in the hostel.

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?

The institution has appointed a Doctor to see the welfare of students, faculty and staff. The doctor comes to the college every day and to the hostels. Sufficient medicines as suggested by the doctor are made available. Denaturized saline water, anti-biotic, first aid box are also available in the dispensary provided with two beds. The college in association with Lions club organizes blood donation camp and as such as and when required by the Lions Club, faculty and students donate blood.

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.

Counselling and career guidance: Placement cell, headed by Training and Placement Officer is located in the main block. The infrastructure facility consists of TPO's chamber, room for aptitude trainer, dining facility and cubicles for the purpose of interviews during campus recruitment. The career counselling activity is taken up by the T & P cell. Personal and academic counseling is carried out in a systematic manner through proctorial system which has been in place at URCET for the last 8 years and also by organizing various guest lectures, seminars etc..

Health care: The institution has appointed a Doctor to see the welfare of students, faculty and staff. The doctor comes to the college every day and to the hostels. Sufficient medicines as suggested by the doctor are made available. Denaturized saline water, anti-biotic, first aid box are

also available in the dispensary provided with two beds. All the staff and students of the institute can avail the facility.

Canteen: A centralized spacious canteen to cater the needs of the staff and students in which quality and hygiene are given utmost importance in both cooking and serving. The canteen as also provided with a modern kitchen.

Auditorium: An auditorium which is fully furnished and centrally air-conditioned with a seating capacity of 500 is available in the institute.

Drinking water: Continuous water supply is ensured through bore wells and fresh water canal available near the college and for drinking water a RO plant (Mineral water plant) with a capacity of 1000 liter per hour of drinking water has been installed.

Power supply: Electrical power is supplied to URCET through a 11 K.V. 3- phase feeder from A.P. Transco. The institute presently having a stand by 100KVA, 125 KVA and 250 KVA diesel Generators to support the power segment in case the A.P. Transco supply fails. This is 100% backup.

Communication: The Management has provided Mobile phones to all the functionaries in group calling facility.

Transport: Considering the need to provide comfortable and safe transport to the students & staff, the institute is running a fleet of 23 buses.

The following table indicated the location of these facilities available:

S. No:	Description	Committee Head	Located in	Remarks
1.	Student welfare and disciplinary action committee	Dr. A. Madana Mohana Rao	ECE Department, Ground Floor, R Bldg	Nil
2.	Grievances and redressal cell	Dr. B.N. Srinivas	R-Block Third Floor	Nil

S. No:	Description	Committee Head	Located in	Remarks
3.	Examination Cell	Mr. J.S.S. Kalyan	U-Block Ground Floor	Nil
4.	Training and placement cell	Dr. A. Madana Mohana Rao	U-Block Ground Floor	Nil
5.	Carrier Guidance Cell	Ms. V. Santhoshi	R-Block Ground Floor	Nil
6.	Woman empowerment cell	Ms. N. Vijaya	R-Block Second Floor	Nil
7.	Academic monitoring cell	Dr. A. Madana Mohana Rao	R-Block Ground Floor	Nil
8.	Library and Co-curricular activities	Mr. M. Narasimha Rao	R-Block Ground Floor	Nil
9.	Sports and Games Committee	Mr. P. Abel Kumar	Behind Cafeteria	Nil
10.	NSS Activities	Mr. V. Srihari	R-Block Third Floor	Nil
11.	Anti-Ragging Committee	Dr. A. Madana Mohana Rao	R-Block Ground Floor	Nil
12.	Canteen Committee	Mr. E. Ramakrishna Reddy	U-Block Ground Floor	Nil
13.	Health Centre	Ms. N. Vijaya	W-Block Ground Floor	Nil
14.	Hostel Committee	Mr. M. Ramababu	R-Block First Floor	Nil
15.	Computer Centre	Mr. M. Sambasiva Rao	R-Block First Floor	Nil
16.	Recreation facilities	Mr. M.V.V.S. Subrahmanyam	R-Block Third Floor	Nil
17.	Research and Development Committee	Dr. B.N. Srinivas	R-Block Third Floor	Nil
18.	Alumni Association	Mr. M. Koteswara Kishore	R-Block Second Floor	Nil
19.	TPO	Ms. V. Santhoshi	R-Block Ground Floor	Nil

The institution had a health centre in the campus. Doctor is available on all working days to the students and staff. In addition to that health camps are organized regularly in coordination with the surrounding Reputed hospitals Like YVR Hospitals, Vijayawada etc.

4.2 Library as a learning resource:

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 committee is consists of Principal as Chairman, Librarian as Convener, one faculty member from each department and one topper student from 3rd year of each branch. The committee meeting will be held once in a semester. The committee discusses and tries to implement the aspects like:

- What are the recent developments and requirements of the students and the faculty during the past semester.
- Up gradation of library through new titles and increase in the number of volumes of existing titles.
- Steps to be taken to make library more user-friendly.
- Evaluation of the library usage
- Library services and usage Feedback from members (students and faculty)
- Introducing Student ID card system
- Provision of Departmental library

- Provision of a Xerox facility for faculty and students. Software is provided for management of library books, journals and other reading resources.
- Provision of Digital library with Galileo Centre for excellence within the library for the benefit of students and faculty.
- Institution library is kept open beyond working hours. Electronic surveillance system in the library is contemplated.

4.2.2. Provide details of the following:

S. No.	Description	Area (In Sq Mts)
1	Total Area of the library	750 Sq Mts
2	Total Seating Capacity	160
3	Working Hours a. Working Days: b. Examination/Holidays:	 8.00 A.M To 6.00 P.M 8.00 A.M To 1.00 P.M
4	Layout of the library	As shown below:

Lay out of library:

Reading space   : 993 sft

IT Zone   : 1198 sft

Reference section   : 2113 sft

Book racks   : 1575 sft

Others   : 630 sft

In addition to the above the library is fully equipped with Internet/Intranet, DELNET and other membership archive's, computerization for search indexing, issue and return records with bar-coding facility.

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.

The individual departments basing on the curriculum changes and also with the knowledge of new arrivals recommend text books, reference books and journals to the library. Accordingly the library budget is allocated. During the library committee meetings developments that are required to improve the library are discussed and modifications will be made accordingly.

During the last 4 years the following amounts were spent towards books, journals, e-resources etc.

S. No.	Amount Spent	Year 2015-16 (Rs. In Lakhs)	Year 2014-15 (Rs. In Lakhs)	Year 2013-14 (Rs. In Lakhs)	Year 2012-13 (Rs. In Lakhs)
1.	Books	3,52,535.73	2,04129.00	3,12,206.51	7,62,489.34
2	Journals	2,59,211.11	10,000	NIL	85,241.00
3.	E-Resources	11,500	11,500	11,500	52,500

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

OPAC : Is available with search facility wherein search by Author, Title, Subject, Keyword, Department, Publisher, Year of Publication and ISBN

Electronic Resource Management package for e-journals: Subscription of e-journal packages of IEEE and ASME journals

Federated searching tools to search articles in multiple databases: No

Library Website : www.usharama.com

In-house/remote access to e-publications: 20 Computers with Wi-Fi enabled connections for internet provided

Library automation: Library is automated through ez-Library software from Volksoft Technologies

Total number of computers for public access: 20 (Twenty)

Total numbers of printers for public access: 1 (one)

Internet band width/ speed : 50 Mbps

Institutional Repository: Hand notes/lecture notes

Content management system for e-learning: NPTEL lessons available which can be accessed through intranet

Participation in Resource sharing networks/consortia (like Inflibnet): Yes, the institution has a Membership of DELNET facility to view the index of various books of National and International publications.

4.2.5 Provide details on the following items:

Average number of walk ins: 200 (Per Day).

Average number of books issued: 110 (Per Day)

Ratio of Library books to the students enrolled: 1:9.7

Average number of books added during the last 3 years: 4169

Average number of login s to OPAC: 56 (Per Day)

Average number of login to e-resources: 80 (Per Day)

Average number of e-resources downloaded/printed: 26(Per Day)

Number of information literacy training organized: 02(per year)

Details of weeding out of books and other material: 10 (per year)

4.2.6 Give details of the specialized services provided by the library

Manuscripts: Project reports of UG and PG students. Question banks, old question papers, departmental question papers,project reports, case studies, internal question papers for the benefit of the students. Copies of reports of project works of faculty members funded by UGC, AICTE and other funding agencies.

Reference: There is a Reference section with reference and text books prescribed in curriculum.

Reprography: Available

ILL (Inter Library Loan Service): Yes , the Library borrows books from other libraries through DELNET as a resource sharing facility.

Information deployment and notification: Current information about competitive exams and other notifications will be displayed on Library notice board

Download: Available. Students are allowed to download articles from e-books and e-journals, online lessons from NPTEL and material required for personality development sessions.

Printing: Printer and scanner are available in the library

Reading list/ Bibliography compilation: List of documents /textbooks prescribed available.

In-house/remote access to e-resources: Internet facility with 20 computers and also the campus is Wi- Fi enabled.

User Orientation and awareness: User orientation programme is conducted and pamphlets about library are distributed to users. Updated information is displayed at Notice board /website-Library webpage as well as Message alerts are sent.

Assistance in searching Databases: Library personnel will assist users in searching database

INFLIBNET/IUC facilities: Institution has a DELNET membership

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

- Individual User orientation
- Educate as to how to use E-Journals
- Providing hands-on experience to access e-resources
- Information alert services on New arrivals
- Books/other materials Reservation facility
- Providing assistance to search reserved books on stacks.
- SMS services for overdue books
- Overnight issues of reference materials
- Library staff provides full support in getting teaching resources, journals, and periodicals from publishers.
- They also help student and faculty in down loading a research paper and give them a printed copy.
- Library has a well-furnished study Centre with a seating capacity of 200 students.
- Call facility for a book on demand is available.
- Library also maintains a copy of advertisements, examination dates and other details provided by DTE, JNTUK.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

The physically challenged students are given utmost priority in issuing books. The librarian helps such students in every possible way. Such students need not necessarily go to the library, The institution will provide the service to physically/visually challenged users in the class room itself.

4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analysed and used for further improvement of the library services?)

The librarian gets feedback from the students, faculty, staff and others permitted by the institution. The following strategy is adopted by the institute to collect the feedback. The student's feedback is taken twice a year. The feedback box is kept in the library. The librarian collects the feedback and is analysed by the library committee. The R&D cell and the industry institute cell also give feedback. Based on the feedback the library committee looks into the improvements of the library system in purchasing new titles, volumes and journals. Extended working hours as suggested by the students is also taken in to account.

4.3. IT Infrastructure

4.3.1 Give details on the computing facility available (hardware and software) at the institution.

Number of computers with Configuration:

Total number of computers: 626

System Configuration:

Processor (CPU):	Intel Core i3 / Dual Core
Operating System:	Microsoft Windows 8 Professional x64 SP2
Memory:	8 GB RAM / 4 GB / 2 GB
Storage:	320 GB HDD / 250 GB / 160 GB
Monitor/Display:	24" " LCD monitor

Computer-student ratio: UG (1:3), PG (1:1)

Stand alone facility: 100

LAN facility: 526 Nodes,

LAN Details: All the Computers in the Campus are networked using CAT-5 Cable

Wi-fi facility: Campus is fully established with Wi-Fi Access Points

Number of nodes/ computers with Internet facility: 526

Total number of printers: 22

Total number of scanners: 4

Back up for computing systems: 100%.

Licensed software: List of System & Application Software

System Software

S. No	Name of the Software	Quantity	Provided By
1	Windows 8.1	250	Microsoft
2	Windows 8.1 Enterprise	250	Microsoft
3	Windows Server 2012 R2-Standard	10	Microsoft
4	GNU/LINUX Fedora		AICTE

Application Software

S. No	Name of the Software	Quantity	Provided By
1	Office Professional- plus 2013	500	Microsoft
2	Microsoft SQL Server Standard 2014	10	Microsoft
3	Sharepoint Server Standard CAL	250	Microsoft
4	Exchange Server Standard CAL	250	Microsoft
5	Lync Server Standard	250	Microsoft
6	Visual Studio 2013	100	Microsoft
7	MS Project	10	Microsoft
8	DB2 Database Server	100	IBM
9	IBM Infosphere Biginsights	250	IBM
10	Rational Application Development	250	IBM
11	Rational Functional Tester	250	IBM
12	Rational Quality Manager	100	IBM
13	Primavera p6 professional Project Management	50	Oracle
14	Oracle 11g Database Server	250	Oracle
15	UDK-PLM Discover Pack	40	TATA Technologies
16	UMC CATIA Design Master	20	TATA Technologies
17	UAC CATIA Design Advance	20	TATA Technologies

S. No	Name of the Software	Quantity	Provided By
18	UMD – DELMIA Manufacturing Master	20	TATA Technologies
19	MD.FEA UNIVERSITY Bundle	50	TATA Technologies
20	IGETIT Logins	120	TATA Technologies
21	Turbo C		AICTE
22	Pro/E		AICTE
23	Matlab		AICTE
24	AUTOCAD		AICTE
24	JDK 1.6		Open Source
25	APACHE TOMCAT 7.0		Open Source
26	ECLIPSE & ANDROID PLUGIN		Open Source
27	Poseidon EE UML		Open Source
28	XILINX	25	Deploy Systems
29	COMSOL	1	COMSOL
30	Mentor Graphics	20	Deploy Systems
31	English Communication Skills	70	K-Vann Systems
32	Totally Integrated Automation	11	Siemens

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

Internet service is available for both faculty and students in the campus. 125 systems are provided with internet facility in the central computing centre. All the departmental computing centers are provided with internet facility. 30 systems are provided with internet facility in the central library. Internet service is provided to both girls and boys hostels. The College provides internet facility to staff members at the respective departments so that they can update their knowledge with latest developments and also avail e-resources which will help them in improvising teaching - learning process. The Principal's Office, Administrative Office, Examination Section, Training and Placement

Cell and Senior Faculty member cabins are provided with internet facility. Wi-Fi connectivity is available in and around the campus. Off campus access to some online journals, CoE-eRD, NPTEL is given to students and faculty.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

Keeping in mind the importance of technological changes and the role of ICT in transfer of such knowledge to the student community, the institute plans to develop the IT infrastructure in many ways such as:

- To provide computer facility to every faculty member.
- To increase the bandwidth of internet facility
- To deploy e-governance throughout the institution through expansion of Information Management System.
- All class rooms to be made state-of-the-art smart and hi-tech class rooms.
- To develop e-learning facilities utilizing the resources of the faculty.
- To develop multimedia based educational modules for the various courses.
- To procure and install industry specific software and to train students on these platforms to enable them to become industry ready products.

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)

S. No.	Description	Year 2015-16 (Rs. In Lakhs)	Year 2014-15 (Rs. In Lakhs)	Year 2013-14 (Rs. In Lakhs)	Year 2012-13 (Rs. In Lakhs)
1.	Procurement of Computers	100	100	8	16
2.	Up-gradation	20	20	02	03

| 3. | Development | 11.5 | 11.5 | 1 | 1.5 |
| 4. | Maintenance | 10 | 10 | 1 | 1.5 |

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?

The lecture halls of the institution are provided with LCD projectors. NPTEL based software for applicable subjects are procured and loaded on dedicated personal computers issued to faculty of the concerned departments. Institution has software that monitors the attendance of the students and informs the parents if the student is absent on a particular day/class. It also monitors the academic activities like work plan execution, course completion, extension lectures, seminars, workshops. Faculty members prepare PPTs, Models, and other learning materials to make the lecture interesting. Faculty members also download learning material for the benefit of the students. NPTEL lectures, solutions to old question papers and faculty notes and solution to problems are placed on the server for the reference of students and junior faculty.

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.

To make the student attentive and engaged throughout the class is a challenge to every teacher. This is possible through effective and interactive teaching. Apart from teaching skills and the knowledge of the faculty, PPTs and relevant videos help the student to easily grasp the concepts and gain maximum information in the class room. Hence all the faculty in the college are encouraged to use such modern methodologies.

To effectively utilize the highly accessible internet and intranet facility, ICT enabled class rooms, e-learning material are made available to the faculty and also students. In the library, e-learning material (NPTEL video lectures) and the accession of online lectures of various experts from IITs, NITs and Reputed institutes and online journals are made available.

All the above make the teaching-learning process student centric and make the teacher take on the role of a facilitator.

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?

Yes, The Institution has connectivity with the National Knowledge Network. The institute is connected to the university content through JNTUK- CoE-eRD. To have uninterrupted connection College is equipped with 50 Mbps bundle bandwidth under NME-ICT scheme.

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)?

The institution allocates budget for utilization under the following heads, viz:, Building, Furniture, Equipment, Computers, Vehicles, and Others. The details of budget allocated during the last 4 years are shown in the following table:

S. No	Description	Year 2015-16 (Rs. In Lakhs)	Year 2014-15 (Rs. In Lakhs)	Year 2013-14 (Rs. In Lakhs)	Year 2012-13 (Rs. In Lakhs)
1.	Building	300	300	132	160
2.	Furniture	10	10	7.42	35
3.	Equipment	5.5	5.5	49	65
4.	Computers	141.5	141.5	12	22
5.	Vehicles	120	120	50	55
6.	Maintenance and Repairs	32	32	25	30
7.	Others	789	629	591.43	628

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

The major equipment purchased is entered into the stock register along with the date of purchase, name of the article, cost of the article, vendor supplied, and break down if any, maintenance if required. Service requisition is forwarded by the lab in charge to the HoD, and the HoD in turn sends a requisition to the principal for the repair. After sanction approval is received by the HoD, the department carries out the required work. Record is made in the register about the nature of the repair carried out along with the date. The same procedure is applied for any equipment used in the laboratory, computers, furniture, building repair,

etc., The Institution also provides maintenance budget for the department.

The annual maintenance of the equipments in all labs will be done during the summer vacation every year. The technical and non-teaching staff will be engaged in this activity and they ensure that all equipment are functioning well and also seek external expertise if needed during the period. This ensures that teaching-learning process is run smoothly in all aspects throughout the year.

The stock verification will be done during the same period to help identify the nonworking equipment and suggest necessary replacements. Regular cleaning and upkeep of the equipment is overseen by the faculty member who are the in-charges of the laboratories. The annual budget and allocation of funds for and regular monitoring of utilization of funds for maintenance insures upkeep of the infrastructure in the institute. Annual maintenance contract(AMC) is given for critical and sophisticated equipment.

In addition to the maintenance of the academic area, the areas of hostels, canteen etc, is also undertaken. White wash and painting of the building is done periodically. The quality of work carried out is inspected by a project engineer of the college and certified prior to the clearance of the bills.

A Gardner looks after the maintenance of the garden along with his sub ordinate staff in clearing, watering, de-weeding, maintenance, lawns and horticultural equipment and record keeping. The electricians ensure timely serving of diesel generator sets, as per the manual supplied by the manufacturer. The college building, toilets are periodically maintained by the concerned staff, with de odorants, like phenyl and keep them in hygienic condition.

The institution has 17 number of buses, with valid permits and driving licenses, all the drivers are advised to be polite and courteous to the students and others travelling by buses. The drivers association of the institution believes safety of the students first, and next speed. The vehicles are periodically checked and maintained by an automobile agency and fitness certificate is obtained from the RTA, AP.

One male teacher and one female teacher is identified as hostel wardens for boys and girls respectively for monitoring and functioning of the hostels along with the student representatives. Inspection is done by the chief warden or coordinator of students affairs in keeping the hostels clean hygienic and inspecting the quality of food.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

The calibration process will be taken up by each department for various equipment as per the time frequency suggested by the supplier. Calibration is done internally by metrology lab in-charge of mechanical department. Institution takes the help of external agencies for calibration of equipment. Usually the calibration is done once in a year. Similarly the vehicles used by the students, faculty and other are periodically checked once in 5000 Kms. The condition of the vehicles and the equipment used is constantly monitored and reviewed.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)? Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.

The institution has 125 KVA, 180 KVA and 250 KVA generators which helps in continuous power supply without any interruption. The computer systems and other sensitive lab equipment are provided with UPS systems to protect them against voltage fluctuations. All precautions are taken to protect the precision equipment by providing CVT's and individual MCB's. Covers are provided where-ever needed to protect the sensitive equipment from dusty environment. Electrical grounding (Earthing) is provided at important locations. Fire extinguishers are provided in all hazardous places including labs. Purified drinking water is provided in the college through water coolers.

Criterion - V

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 college publishes prospectus/ student Hand book every year. It provides valuable information for the benefit of students, staff and parents. It gives the details about the vision, mission statements and the quality policy of the institution, the society and the governing body members, UG and PG programs offered, admission process, rules of conduct, counselling and placement, faculty details, laboratories available, infrastructure and other facilities available in the institution. The college also publishes the academic calendar, co-curricular and extra-curricular activities like, seminars, workshops, symposia.

The handbook/ syllabus book has the academic rules and regulations which the students need to observe during their course of study at the institute. It contains information regarding course structure, subjects, optional electives & syllabus. The institute also publishes souvenir annually containing all the outgoing student bio-data. This ensures institutional accountability and commitment to all the stake holders.

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?

The institution provides financial aid for bright and needy students. The Rank holders will be getting concession in the Tuition and bus fees. The students who secure EAMCET Rank below 10000 are given free seat in the College. The eligible students belonging to the SC/ST category get stipend sanctioned by the Government. The Government of AP provides different types of scholarships to students such as tuition fees waiver for eligible candidates.

There is a mechanism in which, all the students admitted under the Govt. quota are eligible for fee re-imbursement, for which the fee fixed by the Govt. of A.P is Rs 35,000/-.

In addition to the above scheme, the weaker section students (BC, SC, ST, etc,) admitted under Category-A are also eligible to apply for

scholarships from the commissioner of Back ward Class, Commissioner for Scheduled Castes and Scheduled Tribes. The details of the financial assistance given to the students by the Institution and Govt. during the last 4 years is shown in the following table:

S. No.	Scholarship/ Fellowship Details	Year 2015-16 (Amount received in Lakhs)		Year 2014-15 (Amount received in Lakhs)		Year 2013-14 (Amount received in Lakhs)		Year 2012-13 (Amount received in Lakhs)	
		Number	Amount	Number	Amount	Number	Amount	Number	Amount
1.	Students scholarship (Under Convener Quota)		PENDING FROM GOVERNMENT						
2.	SC	167		155	6150700	145	4584000	142	4485200
3.	ST	08		10	414500	10	310000	07	221000
4.	BC	717		516	18414000	420	14260000	439	13386600
5.	EBC	729		622	21594000	547	13169000	506	15882800
6.	Minority	104		73	2609000	61	1891000	55	1639200
7	GATE	1		1	0	0	0	0	0
8	Merit/ Poor free-ship given by management	01	50000	01	200000	02	100000	01	160000

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

90% of students belonging to SC/ST, OBC category and receive financial assistance from State Government every year. The Institute helps the students to fulfill the initial formalities like filling online forms and the hard copy of the form, and the essential documents are attested by the officer in charge.

GATE scholarships are offered to the PG students who admitted into the Institution.

Details of Scholarship for Under Graduate Students:

S. No	Category of Scholarship	Year 2015-16 % of students received	Year 2014-15 % of students received	Year 2013-14 % of students received	Year 2012-13 % of students received
1.	From state Govt.	NA	90	89	87

Details of Scholarship for Post Graduate (M.Tech) Students:

S. No	Category of Scholarship	Year 2015-16 % of students received	Year 2014-15 % of students received	Year 2013-14 % of students received	Year 2012-13 % of students received
1.	From state Govt.	90	88	91	90
2.	From AICTE	1	-	-	--

5.1.4 What are the specific support services/facilities available for:

Students from SC/ST, OBC and economically weaker sections: The SC /ST students receive financial assistance in the form of tuition fee, maintenance charges and pocket money from the Government as per the Government rules and regulations. The OBC Students also receive financial assistance from government in terms of tuition fee and maintenance charges and Economically weaker sections get fees reimbursement as per the government rules. The college provides economic support in specific cases by reducing the tuition fees. The college has a system of special training for academically weak students.

Students with physical disabilities: Lecture halls are arranged in the ground floor to the physically disabled students. For such students, hostel rooms are also arranged in the ground floor. They are allowed to use three wheeled motor cycle inside the campus to go for laboratory, library, department blocks, hostel etc. The stool height is adjusted so that it would be easy for them to perform experiments on test bench in laboratories. They are also allowed to sit in first row of the class room to have a clear view of the board. Government supports them by Scholarships.

Overseas students: There are no students from overseas.

Students to participate in various competitions National and International: College encouraging the winners by reimbursing the travel expenses, registration fees and also rewarding them with prize money matching to the money won by them. Due consideration given in respect of attendance for students participating in important co-curricular, literary, cultural or sports events outside the college.

Medical assistance to students: health centre, health insurance etc: A registered medical practitioner visit the college daily offers medical services to the employees & students of the college as per the requirement. Primary treatment to injured student is provided through First Aid Box available in all departments. Financial aid is provided to the student who is injured during sport event and practices. The institution provides a 24 hour Private Ambulance facility.The Institute

has located near Siddartha Medical College approximately 4kms for treatment.

Organizing coaching classes for competitive exams: The Training and Placement Office to organize placement training programme through advanced soft skills lab and conducts various sessions which will benefit them in campus recruitment and also in exams like CAT, GRE, TOFEL etc. The institute has incorporated PDP, Soft skills, communication skill, analytical skill training into the regular curriculum. A dedicated Aptitude Trainer is recruited by the college to train the students in improving mental and analytical abilities and other skills required for various exams as mentioned above. The students of every department are motivated and guided by faculty members in appearing for exams like GATE, IES etc. Question bank and study material for GRE, TOEFL, GATE and CAT are made available in the library.

Skill development (spoken English, computer literacy, etc.,): The college stresses the need for better communication skills from the I year onwards. The language lab and communication skills lab were incorporated in the curriculum to that effect. The students are further trained in soft skills like group discussions, JIT sessions in the III year and special training classes are conducted in C language so that they can face the campus recruitment with ease.

Support for "slow learners": Remedial classes are conducted for the slow learners and also for the students who are having backlogs. Regular motivation and counselling from the faculty and proctors also help the slow learners to overcome their barriers.

Exposures of students to other institution of higher learning/ corporate/ business house etc: The summer industrial training programme helps the students in both gaining the knowledge as well as to learn about the real time situations in the industry. Industrial visits and tours are organized to help the students in the above aspects. The Training and Placement cell organizes various talks, lectures and training programmes to the students by the experienced people from industry. The guest lectures by eminent faculty from IITs, NITs and other premium institutions organized by various departments help the students to expose themselves to institute of higher learning through interaction.

Publication of student magazines: The college publishes annual magazine "UR Times" which publishes the articles by students and faculty, poems, paintings etc., and also brings out the others skills of the students like editing, time management and other skills. The newsletter which is published quarterly brings out the developments and details of various activities organized in the college.

5.1.5. Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

In tune with the emerging technology of today's world, URCET has incorporated an Entrepreneurship Development Cell (EDC) in the college. EDC Motivate students to undergo Entrepreneurship Development Program (EDP), skill development training and enhance their self employment opportunities. It organize expert lectures, industry-institute participation, organize programs on IPR, patenting, establishment of incubation centers. EDC organises programmes on financial assistance and sources of institutional assistance to entrepreneurs. Events conducted by this cell are listed below:

Details of the Program	Dates Conducted	Resource Person	Beneficiaries
ORACLE	05.02.2015	MR. RAJ DAS GUPTA, Oracle India	CSE, IT , ECE students
iEG	13-08-2015	Mr. Venkateswara Rao. M, JKC	CSE, IT , ECE students
Industry Interaction Program	22-08-2015	Srinivasulu. Dega, Cognizant	All Branches
Industry Interaction Program	29-12-2015	Sri Charan, CEO of Zumac	All Branches

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.

The institution is committed to encourage students for participating in various extracurricular activities by ensuring consistent motivation. Institute has student chapters of professional societies like ISTE, ACM, etc,. Institution provides funding to organize co-curricular and extracurricular activities. It also encourages students to participate in the activities conducted by other institutes. The major policy of the institution is to have interaction with professional bodies, to bring the technology close to the society to develop the learning skills, communication skills and technical skills.

Policy of the institution in terms of extracurricular activities is to develop the spirit of unity, team work, creativity, confidence, self discipline, and coordination. To find the talent, among the students, to

develop moral and ethical values, to develop harmony among students, and faculty.

Policy of the institution with respect to sports is to have the sportsmanship, physical and mental fitness among students and awareness about the global sports events. The sports and cultural committees supervise the extracurricular activities. The students who participate in the sports activities or other extracurricular and extra mural activities are provided with extra classes so that the time they have spared for various activities can be compensated.

Additional academic support, flexibility in examinations: Due consideration in respect of attendance for the students participating in important literary, cultural or sports events outside the college. Since the college has to follow the examination time tables of the affiliating university, there is no scope for deviation from examination schedule. Even in the internal assessment examinations also no consideration will be given for any person absenting himself/ herself for regular test any requesting for a separate test.

Special dietary requirements, sports uniform and materials: College provides TA/DA to players which include expenses for special diet as per their requirement. College team is provided with Sports Kits which includes uniforms and other requisite materials.

Any other: Students, who have played Inter University / All India sports, and who have played state level sports, get appreciation certificate from management. College management provides cash prize/certificates/mementos etc. to deserving sports persons to motivate them to achieve excellence in their pursuit of sports.

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, GATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defence, Civil Services, etc.

Institution supports the students appearing for various competitive examinations as mentioned in section 5.1.4. Teachers help the students in matters of study material and personal counselling. Students are made aware of UPSC, various Public Sector core companies, LIC, Bank and Railway competitive examinations. They are duly guided to get through such examinations.

Students are made aware of GRE, TOEFL, GMAT, CAT, etc.,

Students are allowed access to library and other books related to entrance examinations. Good number of books on career guidance and

competitive examinations are available in Library. Students can also make use of online examinations using college internet facility. Special lectures are conducted for GATE students by faculty members. Notifications for various competitive examinations are displayed at different points on the notice boards.

Number of students qualified in GATE:

Year	CSE	ECE	EEE	ME	CE	IT	Total
2014-15	0	02	0	0	0	0	02
2013-14	0	05	0	2	0	0	07
2012-13	0	02	0	0	0	0	02
2011-12	0	03	02	0	0	0	05

Number of students qualified in other competitive exams like GRE/ TOFEL/ CAT:

Year	CSE	ECE	EEE	ME	CE	IT	Total
2014-15	5	16	0	2	3	3	29
2013-14	10	08	0	7	0	2	27
2012-13	10	08	0	0	0	0	18
2011-12	0	06	5	0	0	0	11

5.1.8 What type of counselling services are made available to the students (academic, personal, career, psycho-social etc.)

The institute strongly believes that counselling is the best method to help the students to overcome the difficulties either in academics or in their personal life. During the adolescence age the behaviour of student is shaped by various positive and negative factors and the counselling is the best way to put them in the right direction.

Academic Counselling: There is a counseling system in the college, where for every 20 students, one faculty member is assigned to take up role of faculty counselor / mentor whose primary activity is to monitor the academic progress of the students under he/her care and to takecorrective measures for any aberration in their progress in academic pursuits.

Personal Counselling: The student advisors also called as proctors, play the role of personal counselor in whom a student can confide their personal problems. The faculty advisor strives to arrive at an optimal/amicable solution through the counselling along with the HOD. The Principal also counsels the students and tries to mould them in right

path. A Grievance Redress Cell is also constituted to address the grievances of the students and to attend to their problems.

Career Counselling: The Training and Placement Officer of the college plays a critical role in this regard. Besides his regular role as placement liaison officer, he frequently visits each and every class to motivate and counsel students in the career aspects. He explains in detail the career prospects, preparation for campus placement and career development activities.

The necessary training programs in softskills and other skills development have been arranged by the Placement Cell which provide experts from industry as trainers. The college has constituted a dedicated team of English Faculty exclusively for developing Soft Skills of the students. Soft Skill Training Programmes are conducted as part of regular curriculum with internal resource persons and slots are allotted in the regular time table. Women development cell does counselling to the female students.

The following list gives the names of counsellors to attend the grievances of the students.

S. No.	Name of the Faculty	Roll No of Students allotted
1.	M.Swapna	12NG1A1201-17
2.	M.Vijaya raju	12NG1A1218 -1227
3.	M.Subramanyam	14NG1A1201-1217
4.	MR.M.K.Kishore	12NG1A0402-0423
5.	Mr.G.Padmanabhaiah	12NG1A0425-0448
6.	Mr.K.V.Praveen	12NG1A0449-12NG5A0416
7.	Ms. J.Usha rani	12NG1A0456-12NG5A0487
8.	Mr.M.P.Kishore	12NG1A0488-12NG5A0426
9.	Mr.M.Ram mohan Rao	13NG1A0401-13NG1A0419
10.	Mrs.K.Nitya	13NG1A0420-13NG1A0438
11.	Mrs. B.Usha rani	14NG5A0401-14NG5A0420
12.	Mr.Ch.Uday baskar	13NG1A0439-13NG1A0454
13.	Mr.B.Balaji	13NG1A0455-13NG1A0471
14.	Mr.P.Rama koteswara rao	14NG5A0421-14NG5A0443
15.	Ms. R.Devi kalyani	14NG1A0401-14NG1A0425

S. No.	Name of the Faculty	Roll No of Students allotted
16.	Mr.K. Babu rao	14NG1A0426-14NG1A0449
17.	Mr.E.Rama krishna reddy	14NG1A0467-14NG1A0493
18.	Mrs.Ch.Sujana	14NG1A0494-14NG1A04B7
19.	Mr.P.Kanaka raja	14NG1A0450-15NG5A0408
20.	Mrs.V.Praveena	15NG5A0409-15NG5A0432
21.	M.S.S.Nayak	12NG1A0501-520
22.	Dr.B.R.S.Reedy	12NG1A0521-543
23.	Y.Salini	12NG1A0545-13NG1A05507
24.	M.Rajesh	12NG1A0558-573
25.	L.N.Swamy	12NG1A0574-590
26.	B.S.Vara Prasad	12NG1A0591-5A7
27.	T.Narasimhappadu	13NG1A0501-525
28.	V.Anusha	13NG1A0526-551
29.	B.Trivikrama Rao	13NG1A0552-12NG1A0505
30.	R.Sitaram	14NG1A0501-521
31.	G.Balaiah	14NG1A0522-542
32.	K.Sirisha	14NG1A0543-563
33.	M.Samba Siva Rao	14NG1A0564-583
34.	K.Yasoda	14NG1A0584-5A5
	I B. Tech Counsellors list 2015-16	
35.	V. Srihari Babu	15NG1A0101-18
36.	T. Srikanth Naidu	15NG1A0119-36
37.	M. Vijaya Raju	15NG1A0137-53
38.	Md. Mustaq Ali	15NG1A0301-17
39.	S. Anusha	15NG1A0318-34
40.	T. Thambi Babu	15NG1A0335-51
41.	M.N. Deepthi	15NG1A0352-69
42.	M. Pushpa Latha	15NG1A0370-379 &15NG1A0154-161

S. No.	Name of the Faculty	Roll No of Students allotted
43.	V. Mahesh	15NG1A0162-178
44.	N. Viajya	15NG1A0501-20
45.	M. Revathi Devi	15NG1A0521-40
46.	A. Mairaj Fathima	15NG1A0541-60
47.	P. Ramesh Babu	15NG1A0561-80
48.	A. Madhana Mohan Rao	15NG1A0581-5A0
49.	G. Ashok Vardhan	15NG1A05A1-5B9
50.	P. Thirupathi Rao	15NG1A1201-1218
51.	K. Ambhika	15NG1A1219-1236
52.	K. Rajesh Kumar	15NG1A1237-1254
53.	G. Rama murhty	15NG1A0401-420
54.	B.N.S. Srinivas	15NG1A0421-440
55.	K. Naveen Kumar	15NG1A0441-460
22	P. Kishore	15NG1A0461-480
23	T. Anil Kumar	15NG1A0481-4A0
24	A. Durga Bhavani	15NG1A04A1-4C1
25	K. Jyothi Sree	15NG1A04C2-4E2
26	K. Subba Rao	15NG1A0201-218
27	T. Lakshmipathi Rao	15NG1A0219-235

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).

The college has a structured mechanism for career guidance and placement of its students.

Campus Recruitment: Efforts are being made by the institution to improve the employability of the students. Various industries are invited to the campus to recruit students. Collaboration with various industries like Tata Technologies, IBM, Microsoft, Oracle, SAP Labs, and other industries through specific MoU's helped our students in having hands on experience and stand ahead of others in the market during

recruitments. For the past four years most the eligible and interested candidates are absorbed by the industry before completion of the course.

Training and Placement cell: The college has a full-fledged Training & Placement department. This department consists of Training & Placement Officer, an office assistant to organize and monitor continuously the training and placement activities.

The activities organised to help students are:

- To identify and to contact relevant and good industries / companies,
- To get accredited with companies of repute like Infosys, TCS, Wipro etc.,
- To provide career guidance and training to the students and make them competent,
- To coordinate all the training programmes like 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 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 to final year students before the commencement of recruitment process.

The list of companies that visited the college and the number of students selected is as given below:

S. No.	Company Name	No. of Selections Year Wise Break-up			
		2015-16*	2014-15	2013-14	2012-13
1.	RETAIL ON	1	-	-	-
2.	SYNEZA	4	-	-	-
3.	ALL ONLINE SERVICES	16	-	-	-
4.	HGS	8	7	-	-
5.	I-NET SOLUTIONS	8	-	-	-
6.	GENPACT	1	1	8	-
7.	MPHASYS	1	-	-	-
8.	EIDER MOTORS	-	10	-	-
9.	POLARIES	-	10	-	-
10.	CORPONE	-	54	-	-

S. No.	Company Name	No. of Selections Year Wise Break-up			
		2015-16*	2014-15	2013-14	2012-13
11.	MAX GROUP	-	14	-	-
12.	EXPORT SOFT	-	6	2	-
13.	INFOSYS (OFF-CAMPUS)	-	1	-	-
14.	VIRTUSA (Off-Campus)	-	1	-	-
15.	4C	-	-	9	-
16.	3SBC	-	-	8	-
17.	SIKKA	-	-	9	-
18.	AEGIS	-	-	10	-
19.	ANNEX	-	-	4	-
20.	MAYUKA	-	-	11	-
21.	LOGIC ERP	-	-	5	-
22.	W&T TECH	-	-	6	-
23.	HCL	-	-	5	-
24.	IIT Labs	-	-	-	3
25.	VESRANA IT Solutions	-	-	-	2
26.	OMEGA	-	-	-	23
27.	QUDE SOFT	-	-	-	2
28.	CODE STUDIO (OFF)	-	-	-	1
29.	PURI TELECOME PVT LTD(OFF)	-	-	-	5
30.	AAS TECH	-	-	-	7
31.	ADVN SOFT	-	-	-	52
32.	EUREKA FORBES	-	-	-	16

* As on 29-02-2016. Campus selections are in progress.

Department Wise Student Selected in the past Four Years:

S. No:	Department	No of Students Placed Year wise			
		2015-16	2014-15	2013-14	2012-13
1.	**CSE**	9	19	14	08
2.	**ECE**	9	27	9	24
3.	**EEE**	3	12	13	22
4.	**IT**	3	10	11	19
5.	**ME**	9	20	6	NA
6.	**CE**	4	1	11	NA
7.	**ECM**	2	15	13	38

Details of the list of students selected in the last 4 years in Annexed in XXV.

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 grievances redressal cell is existing in our institution and is constituted as per AICTE norms. The cell will solve the grievances if any addressed to the HoD or to the Principal. General issues relating to class room teaching, library canteen, hostel, Mess, Transportation have been received and resolved by this cell. The composition of the grievances redressal cell consists of:

S.No.	Name	Designation
1	Dr.V.Rajesh	Coordinator
2	Dr.A.Madana Mohana Rao	Co-Cordinator
3	Prof. B.N. Srinivas	Co-Cordinator
4	Mr.P. Rama Koteswara Rao	Member
5	Mr.M. Rama Mohan Rao	Member
6	Mr.Y.V.V.N.Vara Prasad	Member
7	Mr. K.Sundara Kumar	Member
8	Mr M Sambasiva Rao	Member
9	Mr. K. Naresh	Member
10	Ms R Bhargavi	Member

The function of the cell is to discuss the grievances received from the students and suggest report to the principal with recommendation. Following are some of the Grievances received and action taken:

S. No.	Grievances Received/Reported	Action taken
1.	Subject allotment (changing of subject)	Gave the preferred subject
2.	Installation of earth mats	Purchase order is placed
3.	Re alignment of Bus Routes	Specific bus routes are introduced based on grievances received from stake holders.
4.	Every Saturday is declared as a Holiday	For the Final Years for their preparation for various competitive exams and placements.
5.	Changing of department level administrative activities	Relieved from project coordinator duties & appointed as association coordinator
6.	Furniture requirement	Arranged the required furniture
7.	Reduction of workload	Some part of work load is assigned to other faculty
8.	Library books	Sanctioned more library books as per required

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

The women grievances-redressal cell headed by a senior lady faculty looks into any matter related to harassment of the women faculty and students. Policy of the institution is to issue show cause notice and terminating the services of an employee for any sexual harassment. With respect to the students, if any sexual harassment is reported, matter will be reported to the police for action and transfer certificate is issued to the student. So far, no such incident has taken place in the institution.

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. There is an anti-ragging committee in the institution. Students are instructed not to indulge in activities of ragging. Circulars are issued before the commencement of the class work and wide publicity is given in students' prospectus books instructing students not to indulge in ragging. Caution boards are also displayed in prominent locations and on

the notice board as per the directive of the Supreme Court and the Govt. of A.P. Parents were also informed about the consequences of ragging inside the college or outside the college. Students are made to swear an affidavit before the academic year stating that they will not indulge in any ragging or anti-social activities. No ragging has taken place since the inception of the institute.

The following members constitute the anti –ragging committee:

USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY

ANTI RAGGING COMMITTEE: 2015-16

Convener: Dr. A. Madana Mohana Rao, Mobile No: 9177412255

Co-convener: J S S Kalyan,   Mobile No: 7093325903

Place	Time	Name	DEPT
R-Block Ground Floor	8.30 AM TO 12.30 PM	K.Yashoda	CSE
		V.Ratna Kumari	CSE
	12.30 PM TO 4 PM	B.Sirisha	CSE
		Jayasri	EEE
R-Block I Floor	8.30 AM TO 12.30 PM	M.Ramakrishna	IT
		M.Rajesh	IT
	12.30 PM TO 4 PM	A.Balaji	EEE
		Kranthi kumar	EEE
R-Block II Floor	8.30 AM TO 12.30 PM	Mrs.K.Soujanya	ECE
		Ms. J.Usha Rani	ECE
	12.30 PM TO 4 PM	G.Padmanabhaiah	ECE
		M.K.Kishore	ECE
R-Block III Floor	8.30 AM TO 12.30 PM	V.Praveena	ECE
		CH. Sujana	ECE
	12.30 PM TO 4 PM	B,Raja Rao	ECE
		M.Purna Kishore	ECE
R-Block IV Floor	8.30 AM TO 12.30 PM	Dr. Ramesh & T. Srikanth Naidu	S&H
		N.Vijaya & K.Subba Rao	S&H
	12.30 PM TO 4 PM	P. Tirupathi Rao &.K.Ambika	S&H
		T. Anil Kumar & M.N.Deepthi	S&H
U-Block	8.30 PM TO 4 PM	Dr. L. Rasidhar & J S Suresh	Mech.
		K. Sundar Kumar & V. Srinivasa Rao	Civil
W-Block	8.30 PM TO 4 PM	D. Murali Krishna & B.Rukesh	Diploma
Cafeteria	9:15AM TO 9:45AM	P. Kishore & K.Siva Prasad	S&H
	12:00PM TO 1:15PM	A.Suneel Kumar & M.Rama Krishna	ECE
Parking	4:00PM TO 4:30 PM	ALL HOD's	
Hostel	8.30 AM TO 6:00 PM	Mr.Babu Mob:9949312255	
	06:00 PM TO 8:30 AM	Mr.Nakuludu,Hostel Warden Mob: 9963036745	

Principal

5.1.13 Enumerate the welfare schemes made available to students by the institution.

The institution makes several welfare measures for the benefit of the students.

- The institution gives fee concession and fee waiver to the deserving students under the B-category seats. It also allows payment of fee in instalments to the needy students.

- Institution offers prize money to the meritorious students.

- Students are given railway concession for hometown travelling.

- There is a health service in the college and in the hostel, wherein the doctor and the nurse looks after the health related problems for both students and faculty at free of cost. Medicines are available with the doctor.

- Institution also offers canteen facility at reasonable rates.

- There is an ATM available in the campus.

- Stationary and student books along with the Xerox facility are available. Internet facility in the institution with Wi-Fi connection beyond working hours is made available.

- Library is kept open on all the days including holidays and is kept open for 10 hours in a day.

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. The institution has a registered alumni association. Its main aim is to bring together, all the former students to the institution, share their experiences, and extend their helping hand for the betterment of the institution. Academic support is also taken from the alumni association in improving the methodology of teaching. The Alumni association meets once in a year. In the annual meeting the institution take feedback from the members with regard to the curriculum and possibility of improvement/ suggestions for further enrichment of syllabus and also discuss the steps to be taken for the development of the college. List of prominent alumni is in annexure XI.

5.2. Student Progression.

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

A majority of our students seek employment through campus placements. The placement in the college is also more than 60 % for

almost all the departments. However there are some students who go for higher studies to improve their qualification and contribute their knowledge to the society. The details of our students opting for higher education and employment through campus and off campus are shown in the following table for the last 4 years.

S.No	Dept of ECE	2015-16	2014-15	2013-14	2012-13
1	UG to PG	06	07	03	04
2	Recruitment through campus selection	93	60	26	41
3	Recruitment outside the campus.	0	03	03	NA

S.No	Dept of CSE	2015-16	2014-15	2013-14	2012-13
1	UG to PG	-	10	10	10
2	Recruitment through campus selection	98	67	36	15
3	Recruitment outside the campus.	2	1	1	1

S. No	Dept of EEE	2015-16	2014-15	2013-14	2012-13
1	UG to PG	0	03	02	06
2	Recruitment through campus selection	67	25	52	40
3	Recruitment outside the campus	NILL	NILL	NILL	NILL

S.No	Dept of ME	2015-16	2014-15	2013-14	2012-13
1	UG to PG	-	10	7	-
2	Recruitment through campus selection	9	17	5	-
3	Recruitment outside the campus	-	-	-	-

S. No	Dept of CE	2015-16	2014-15	2013-14	2012-13
1	UG to PG	4	3	-	-
2	Recruitment through campus selection	26	2	-	-
3	Recruitment outside the campus	01	-	-	-

S. No	Dept of IT	2015-16	2014-15	2013-14	2012-13
1	UG to PG	02	00	06	08
2	Recruitment through campus selection	25	29	24	35
3	Recruitment outside the campus	1	8	12	16

S. No	Dept of Mechanical	2015-16	2014-15	2013-14	2012-13
1	UG to PG	-	2	-	-
2	Recruitment through campus selection	100	40	-	-
3	Recruitment outside the campus	-	8	-	-

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (course 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.

The institution is rated very high in performance and pass percentage of students as compared to the neighbouring institutions in the vicinity and rank among the top 5% of the institutions located in the Krishna District in terms of performance and employment. The pass percentage and course completion rate for the last 4 years is indicated in the following table.

Our Institution Results for the past 4 years:

Department of		2015-16			2014-15			2013-14			2012-13		
		Appeared	Passed	Pass %	Appeared	Passed	Pass s %	Appeared	Passed	Pass %	Appeared	Passed	Pass %
CSE	UG	55	31	56.4	63	55	87.3	56	47	83.9	57	53	93
EEE	UG	60	28	46.7	65	44	67.7	56	42	75	60	55	91.7
ME	UG	66	25	37.9	66	48	72.7	NA	NA	NA	NA	NA	NA
ECE	UG	134	67	50	65	45	69.2	58	54	93.1	62	58	93.5
IT	UG	44	32	72.7	50	34	68	45	33	73.3	58	54	93.1
CE	UG	62	35	56.5	55	50	90.9	NA	NA	NA	NA	NA	NA

Results of other neighbouring institution Sarojini Institute of Technology:

Department of		2015-16			2014-15			2013-14			2012-13		
		Appeared	Passed	Pass %	Appeared	Passed	Pass %	Appeared	Passed	Pass %	Appeared	Passed	Pass %
CSE	UG	120	66	55	118	66	60	119	71	59	84	61	72
	PG	--	--	--	14	11	78	17	12	70	18	14	77
ECE	UG	125	74	60	40	21	54	120	70	59	60	33	55
	PG	*	*	*	*	*	*	*	*	*	*	*	*
EEE	UG	110	72	65.45	95	64	67	93	62	66	84	59	70
	PG	11	10	90	10	8	80	11	11	100	NIL	NIL	NIL
MBA		115	Waiting for results	100	60	60	100	60	60	100	60	60	100
MCA		--	--	--	03	01	33	26	11	42	60	58	96

Results of other neighbouring institution DJR College of engineering:

Department of		2015-16			2014-15			2013-14			2012-13		
		Appeared	Passed	Pass %	Appeared	Passed	Pass %	Appeared	Passed	Pass %	Appeared	Passed	Pass %
CSE	UG	N/A	N/A	N/A	18	6	33	41	13	31.7	60	12	20
	PG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ECE	UG	134	94	70	163	117	72	105	69	65	106	72	68
	PG	12	6	50	18	14	77.7	*	*	*	*		
EEE	UG	64	37	57	57	25	43	53	24	45	45	20	44
	PG	10	7	70	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Civil	UG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	PG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MCA		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

The Overall Pass Percentages of the institution are dipicted in an yearwise summary as below:

Year	Total number of	Number of	Selected	Percentage

	students	students Eligible	students	
2015-16	497	232	210	91%
2014-15	386	166	104	63%
2013-14	435	146	77	52.70%
2012-13	265	180	111	61.60%
TOTAL	**1583**	**724**	**502**	**69.33%**

Average Placement Percentage for last 4 years is 69.33%.
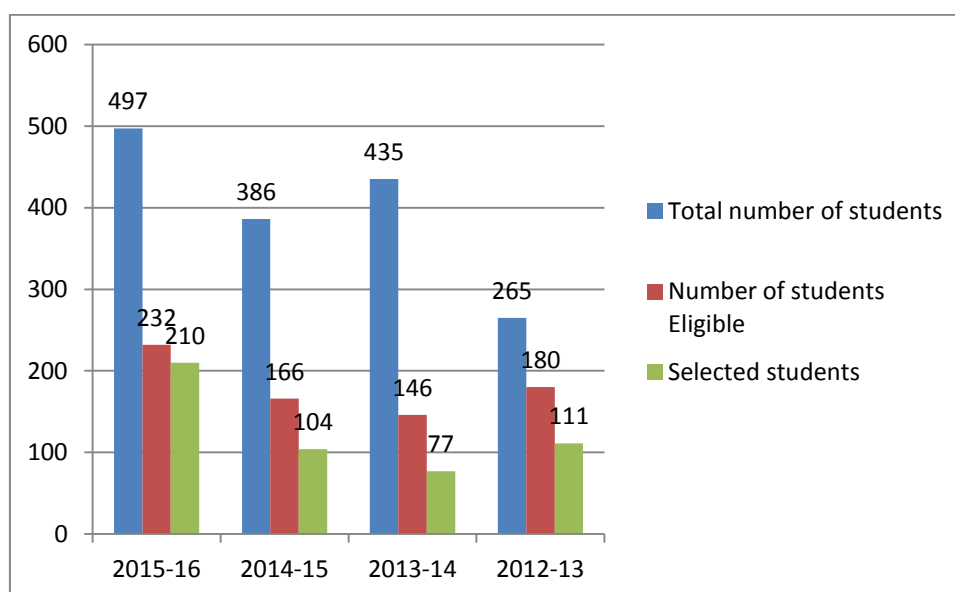
5.2.3. How does the institution facilitate student progression to higher level of education and/or towards employment?

The institution is offering four PG programs leading to M.Tech degree of the JNT University with the following specializations.

1. M. Tech: (CSE) - Computer Science Engineering

2. M. Tech: (Machine Design) - Mechanical Engineering

3. M. Tech: (VLSI & ES) - Electronics & Communications Engineering

4. M. Tech (Structural engineering) - Civil Engineering

In addition to the above, the institution also trains the students for placement by the training and placement officer, industrial experts, R&D scientists. The institution also provides a pre placement training for the

students in terms of aptitude test, group discussion, on line mock test, communication language and written test for all the students' of the institution. Institute also organizes career guidance through career guidance cell.

The campus recruitment training programmme has a blend of soft skills training, aptitude training and training in C language / technical subjects is incorporated in the regular time table to give training to all the students in III and IV Years of the course and this helps them in performing better not only in campus recruitment exams but also in other competitive exams like GATE, Civil services, IES exams etc.

Unique innovative training programmes like *"Special Team"* for selective students who are shortlisted after a series of elimination processes and trained by Senior working Professionals from Industry from CSE, EEE, ECE and IT makes the students to excel and to get opportunities in highly reputed organizations with better pay package.

Around 70% of the students opt for Employment, 20% for higher studies and remaining 10% are Enterprenuring.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

The institution has been adopting good practices since inception to see the student drop out is minimum. As on today there are no drop outs in the institution. The attendance and the examination result of every student are sent in the form of letter and SMS to the parents regularly.

Faculty will meet the Parents of weaker students directly to intimate about their performance. Counselling offered to the needy students. The economically weaker students and academically weak students are more prone to the risk of failure and hence are likely to be drop outs. The economically weaker students get the benefit of financial assistance from the college and hence are taken care of not to be drop outs.

The students who are slow learners are already identified on the basis of their performance in the internal exams and are given extra attention by providing them remedial classes so that they can perform well in the University exams along with other students.

In addition, the students of disadvantaged section of society (reserve category) get adequate amount of financial assistance/scholarships so as to ensure continuance of their education and not to be the drop outs. The following table shows the statistics for the last 4 batches:

2011-15	ECE	CSE	EEE	ME	CE	IT
Students Admitted	142	60	60	66	62	58

Number of students completed in 4 years	141	35	28	52	60	56
Drop outs	0	0	0	0	1	0
2010-14						
Students Admitted	71	60	65	66	69	59
Number of students completed in 4 years	71	55	44	50	65	59
Drop outs	0	0	0	0	0	0
2009-13						
Students Admitted	67	60	56	NA	NA	47
Number of students completed in 4 years	67	45	42	NA	NA	47
Drop outs	0	0	0	NA	NA	0
2008-12						
Students Admitted	65	60	60	NA	NA	60
Number of students completed in 4 years	65	49	55	NA	NA	60
Drop outs	0	0	0	NA	NA	0

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.

The institution is having a separate Physical Education Department with a Physical Education Director appointed for training and coaching the students for various sports and games. The college provides excellent sports and games facilities in cricket, football, basket ball etc. The physical and mental fitness of the students is found to be improved when the students participate in sports and games. Institution has indoor games facility along with developed play grounds. A sports day is organized by the institution and the best players in all the above events are awarded medals/ shields along with a certificate on the annual day. Our students excel in sports and games and are champions in University, State and National events.

Institution also organizes literary and cultural activities under the supervision of a faculty member. The institution under this head organizes teachers' day, engineers' day, annual social gathering,

debates, blood donation camp, NSS camp etc., for girls' students, Rangoli competition is celebrated on sankranti. Navarathri celebrations, Ganapathi celebrations are also celebrated with full enthusiasm both by faculty and students. Poster painting Photography and Mehendi competition are organized by the institution. Institute also conducts technical paper presentation, innovation, project presentation, software development programs for students. The academic calendar contains all these details.

Under the NSS program, the institution had adopted nearby "Telaprolu village" where in the faculty and students visit the rural people and educate them on health matters, drinking water purification, health awareness program, tree plantation, general health check-up, eye check-up, Adhar Card distribution, issuing Voter ID application forms, etc., The villagers and the Village Sarpanch has appreciated the camp conducted by the institution.

The following table presents the year wise participation of the students in inter collegiate tournaments.

Department of ECE

AY 2015-16				
S. No	Nature of activity	Organization	Student (s)name	Achievements
1.	Paper Presentation	URCE	Y.V.S.S. Harsha vardhan reddy	2nd **Prize** Innovative ideas
2.	Project Exhibition	URCE	Ch. Navya sandhya rani alekhya	2nd **prize** Presentation skills Communication skills
3.	Technical Quiz	URCE	K. Roja M.T.D.S. phanindra kumar	1st **Prize** Innovative ideas \technical skills
4.	Circuitrix	URCE	Navya Sandhya	2nd **prize** Innovative ideas \technical skills
5.	Poster Presentation	URCE	S. Priyanka Pavan Kumar	2nd **prize** Enrich technical skills
AY 2014-15				
S. No	Nature of activity	Organization	Student (s)name	Achievements
1.	Hard ware Contest	NIT Warangal	K.Phani Teja N.Annapurna	2nd **prize** Innovative ideas
2.	Paper Presentation	S R K R E C Bhimavaram	T.R.Abeed S.Vivek	2nd **prize** Presentation skills Communication skills
3.	Poster Presentation	PVPSIT, Vijayawada	Md.Amuruddin M.Praveen	1st **Prize** Presentation skills Communication skills
AY 2013-14				

S. No	Nature of activity	Organization	Student (s)name	Achievements
1.	Robot War	KL University, Vijayawada	A. Santhosh Kumar P. Phani Poorna	**1st Prize** Innovative ideas
2.	Paper Presentation	Gandhi Institute of Technology, Bhimavaram	A. Alekhya	**2nd prize** Presentation skills Communication skills
3.	Project Exhibition	L.B.R.C.E, Mylavaram	K. Kishore	**1st Prize** Innovative ideas \technical skills
4.	Poster Presentation	JNTUK	L. Aekhya U. Prathima	**2nd prize** Innovative ideas \technical skills
5.	Quiz	S R K R Bhimavaram	A. Dinesh Varma T. Krishna prasad	**2nd prize** Enrich technical skills

S. No	Name of the Event	Name of the College	Number of Students Participated	Number of Students Won Prizes.
2015-16				
1.	Paper presentation	DIET	4	1
2014-15				
1.	Paper presentation	GIS KKR&KSR institute of technology and sciences (KITS)	1	1
2.	Paper presentation	VIKAS COLLEGE fest	2	2
3.	Poster presentation	VIKAS COLLEGE fest	2	2
2013-14				
1.	Paper presentation	PERCEPTIONS'13 at Nimra College of Engineering & Technology	2	2
2.	Paper presentation	TECHNOSTAVO'13 at MVR College of Engineering & Technology	1	1
3.	Paper presentation	VIKASIT'13 at Vikas College of EngineerinG & Technology	2	2
4.	Poster presentation	VIKASIT'13 at Vikas CollegE of Engineering & Technology	2	2
5.	Poster presentation	At Sunflower College of Engineering & Technology	1	1
6.	AUTOCAD	SOUDHA 2K13 , University College Of Engineering, Kakinada, JNTUK	1	1

S. No	Name of the Event	Name of the College	Number of Students Participated	Number of Students Won Prizes.
7.	Poster presentation	UshaRama College of Engg & Tech	1	1
8.	Paper presentation	Nimra College of Engg & Tech	1	1

S. No.	Name of the Event	Name of the College	Number of Students Participated	Number of Students Won Prizes.
2015-16				
1	Kabaddi (C-Zone)	GEC	4	0
2	Cricket	VRSEC	1	0
3	Basket Ball	GEC	1	0
4	Volley Ball(C-Zone)	GEC	1	0
5	Kabaddi (C-Zone)	KLU	3	0
6	Shuttle	GEC	2	0
2014-15				
1	Volley Ball	NOVA	4	0
2	Basket Ball	NOVA	1	0

The following table presents the NSS activities carried out by our students and faculty:

S. No.	Date	Event Name	Conducted by	Venue
2015-16				
1.	13/10/2015	Durga Temple Volunteers	NSS	Durga Temple Vijayawada
2.	31/12/2015-4/1/2016	Ayyappa SwamY Volunteers	NSS	Gollapudi
3.	5/2/2016	Blood Donation	NSS	URCET
4.	01/01/2016	Cloth Distribution	NSS	Slums of Vijayawada
2014-15				
1.	23/04/2014	yuva bharath	NSS	Vijayawada
2.	6/5/14-7/5/2014	Election Volunteers	NSS	Kankipadu Constituency
3.	5/6/2014	Environmental Day	NSS	URCET
4.	8/7/2014	Blood Donation Camp	NSS	URCET
5.	25/09/2014-4/9/2014	Durga Temple Volunteers	NSS	Vijyawada
6.	10/10/2014	Seminar On Eye Care	NSS	Semiar Hall,URCET
7.	14/10/2014	Hudh Hudh Cyclone Releif	NSS	Visakhapatanam
8.	14/11/2014	Swacha Bharath		College
9.	24/11/2014 – 1/12/2014	JIO 30TH NationaL Junior Athlete Championship	URCET	IGMS,Vijayawada

S. No.	Date	Event Name	Conducted by	Venue
10.	1/12/2014	AIDS Day	URCET	TelaproLU
11.	23/12/2014	Good Governence Day	URCET	Seminar hall
12.	30/1/2014-5/2/2014	Special Camp	NSS	Savargudem
2013-14				
13.	3/07/2013	Uttarakhand floods relief donation collection	NSS	Vijayawada
14.	05/08/2013	Cloth distribution	NSS	PottipadU
15.	06/11/2013	Blood donation	NSS	URCE
16.	21/11/2013	Dental camp(Siddhartha college)	NSS	URCE
17.	25/11/2013	Eye camp	NSS	URCE
18.	09/12/2013	Election cards	NSS	Pottipadu
19.	19/12/2013	Goal setting seminar	URCET	College
20.	01/01/2014	Distribution of blankets	URCET	Slums of Vijayawada
21.	19/01/2014	Pulse polio	URCET	Telaprolu
22.	23/01/2014	Road safety	URCET	URCE
23.	05/02/2014	Helping hands	YVR. Hospitals, Vijayawada	Vijayawada
24.	28/01/2014	Lions club membership	URCET	Vijayawada

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.

The institution encourages and supports the students to take part in various co-curricular, extra-curricular and cultural activities. Our students have participated in various activities conducted in our institution and other institutions and won prizes / certificates. The institution also offers cash prizes to the students, who excel their performance in co-curricular activities.

The following table presents the details of participation of students in paper presentation, technical exhibition, technical quizzes, etc.

Department of CSE

S. No	Name of the Event		2015-16	2014-15	2013-14	2012-13
1	Paper Presentation	Students Participated	12	9	04	8
		Students Won Prizes	02	1	1	03
2	Technical Exhibition	Students Participated	4	3	5	4
		Students Won Prizes	1	1	1	0
3	Technical	Students Participated	02	02	01	01

	Quiz	Students Won Prizes	01	01	01	--

Department of ECE

S. No	Name of the Event		2015-16	2014-15	2013-14	2012-13
1	Paper Presentation	Students Participated	40	30	25	6
		Students Won Prizes	2	1	1	1
2	Technical Exhibition	Students Participated	60	60	45	20
		Students Won Prizes	2	1	2	1
3	Technical Quiz	Students Participated	10batches	06batches	4batches	Nil
		Students Won Prizes	1batch	Nil	1batch	Nil

Department of EEE

S. No	Name of the Event		2015-16	2014-15	2013-14	2012-13
1	Paper Presentation	Students Participated	06	08	08	08
		Students Won Prizes	02	02	02	02
2	Technical Exhibition	Students Participated	3	5	6	6
		Students Won Prizes	2	2	2	2
3	Technical Quiz	Students Participated	25	25	30	30
		Students Won Prizes	6	6	6	6

Department of ME

S. No	Name of the Event		2015-16	2014-15	2013-14	2012-13
1	Paper Presentation	Students Participated	3	1	-	-
		Students Won Prizes	1	0	-	-
2	Technical Exhibition	Students Participated	5	8	-	-
		Students Won Prizes	2	3	-	-
3	Technical Quiz	Students Participated	12	3	3	-
		Students Won Prizes	0	0	1	-

Department of CE

S. No	Name of the Event		2015-16	2014-15	2013-14	2012-13
1	Paper Presentation	Students Participated	4	3	10	09
		Students Won Prizes	4	3	10	01
2	Poster Presentation	Students Participated	NIL	2	4	04
		Students Won Prizes	NIL	2	4	NIL
3	Technical Quiz	Students Participated	NIL	NIL	NIL	NIL
		Students Won Prizes	NIL	NIL	NIL	NIL

Department of IT

S. No	Name of the Event		2015-16	2014-15	2013-14	2012-13
1	Paper Presentation	Students Participated	15	12	10	09
		Students Won Prizes	04	02	02	01
2	Technical Exhibition	Students Participated	12	08	08	04
		Students Won Prizes	04	04	NIL	NIL
3	Technical Quiz	Students Participated	16	12	10	08
		Students Won Prizes	04	02	NIL	NIL

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 institute conducts Alumni meeting once in every year, seek the opinion and collects feedback from them.

Feedback about the performance of the institution is also obtained from the parents, Industry representatives, R&D organizations.

After the campus selection of students by companies is over, feedback is also obtained from the interviewers, about the institution performance and what the industry is looking / expecting from the institution.

Feedback is also obtained from the students at the end of every semester, about the faculty, departmental performance and any other issue related to the Institution, course of study and students.

Most of the issues raised by the students are solved at the level of HoD's. The other issues that are not solved by the HoD's, will be forwarded to the principal or the management for redressal. The feedbacks obtained from the students are for the corrective actions. Institution analyses the feedback for improvement in curriculum, infra-structure facilities, teaching learning process, information systems, canteen, hostel, library, transport etc.

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.

The institution encourages students in paper presentation, poster and other competitions. Faculty extends all the help to the students for their involvement by different advertisements and guides them properly. Students are also involved in various committees in organizing conferences, workshops, seminars, guest lectures, etc., College conducts

paper presentation, and the best paper presentation is selected by a group of experts and the student is honored with a cash prize and a certificate.

The institution encourages students to publish scientific and technical papers in magazines, newsletters, local daily news papers. The institution has wall magazines published by each department. The wall magazine has a very good response from the students. Students display drawing, paintings, articles, poems, thoughts, latest trends in technology, social issues etc. on the wall magazine. The Students are encouraged to prepare the souvenir every year which consists of details about the students department wise.

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding

Yes. Institution has student council. It selects a member from the student council from each section for each department. One class representative is selected from each of the boys and girls. The class represents meet regularly with the principal and HoD's once in a month, give their feedback about the academic progress. It also plans the co-curricular and extra-curricular activities, sports and games events in consultation with the principal. The institution makes budgetary allocation for the events organized by the above council Viz: technical talks, workshops, aptitude test, expert lectures, technical quizzes etc. In addition to the departmental associations, there are chapters of ISTE, ACM under which the above events are conducted.

5.3.6. Give details of various academic and administrative bodies that have student representatives on them.

The institute believes in giving opportunity to the students in supporting the authorities and the institute faculty in running the affairs of the institute. For this, the institute provides them with opportunities to participate in the various academic and administrative bodies. The various academic and administrative bodies and their activities (academic and administrative), which have student representations on them are:

- Anti Ragging Committee
- Disciplinary Committee
- Womens Grievance cell
- Greivance Redressal
- Alumini
- Campus green Committee
- Staff and student welfare
- NSS
- Student Council

- Training Placement Cell
- Cultural Club
- Programming Club

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution. Any other relevant information regarding Student Support and Progression which the college would like to include.

The institution has a registered alumni association. Alumni association meeting is conducted regularly once in a year. Institution invites alumni to give their opinion and request them to interact with the students to share their knowledge and their experience in industry and R&D organization.

The college traditionally maintains live contacts with its former faculty in more than one way. The former faculties are invited as an expert in the examination and for guest lectures. In addition the former faculties are invited in the functions of alumni association.

The institution maintains Facebook account and CampusConNet, through these all the Alumni and former faculties will be sharing their experience. This plays a major role in bridging the gap between the alumni and the juniors. Sharing of views and innovative thoughts with juniors not only develops their technical skills but also develops their personality which suits for Present market conditions.

Criterion –VI

Governance Leadership and Management

6.1. Institutional Vision and leadership

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 Usha Rama College of Engineering & Technology

The Vision of Usha Rama College of Engineering & Technology is to become pioneer Institute in Education and Research.

Mission of Usha Rama College of Engineering & Technology

Our mission is to confer the best technical education to students with commitment to enable the students to face the challenging environment and cut-throat competition in the global world.

The technical education today is facing many challenges and the society needs engineers who can transform the world into a better place to live in and industry needs engineers with technical competence and excellent skills. To meet these challenges, the institute envisages to develop into a world class institute by providing all facilities to produce highly competent engineers with a human touch and exemplary work ethics, who can build a better society for the future generations. Accordingly our Vision and Mission statement outlines the institute's distinctive objectives as follows:

Delivery of quality and value based education: Our Institution believes in value based education. Institution is committed to impart quality education along with ethical values and morals. To achieve the above, the institution has a clear policy to maintain quality at all levels, that includes good ambience and infrastructure, qualified faculty, teaching learning methodology, latest equipment in the laboratories, well connected Wi-Fi network, good library and reading material and other learning centric process.

Development of Students to satisfy the stake holders: Institution has a policy to develop and to meet the student's requirements, the parents, industry and the society. In this endeavour, the skill sets and the knowledge required for the students to live on their own legs after completion of degree is imparted. Institution closely develops a liaison with industry, R& D organization and reputed academic institutions.

Promotion of research and development: The institution understands the need of the research for development of society and lifelong skills of the students. Institution encourages, faculty and students in carrying out R&D work. Institution motivates the students to go for higher studies and develop research culture among the students.

6.1.2. What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

Usha Rama College of Engineering & Technology was established by the "Usha Rama Educational Academy" and governed by eminent educational and industrial members. The Institution has a well defined Quality Policy that is incorporated in the service rules of the institution along with responsibility and delegation of power. The Management, the Principal, the faculty and the staff work in tandem in proper implementation of the quality policy. The Principal being the head of the institution provides a dynamic and requisite leadership to the system. The Secretary and Correspondent regularly interacts with faculty to discuss various policy matters and their effective implementation. The governing body members meet at regular intervals and discuss key aspects in detail and arrive at the necessary strategies and plans for developing the institution and improving the quality of education in the campus.

The Management and Principal are always available to the faculty who want to present their views, ideas and suggestions. The opinions of faculty and staff will be considered positively for evolving policies. The Principal provides academic leadership and in association with the various faculties, evolves strategies for academic growth. Required standards are maintained in all the activities, including teaching learning process, co-curricular, extracurricular, research and development activities are periodically reviewed by the management. The faculty are actively involved in the decision-making process to sustain and enhance quality of education imparted by the institution. The top management takes utmost care in providing excellent infrastructure facilities and conducive learning environment to the faculty and students.

The principal and the HoDs make plan for academic, teaching learning and research activities. Principal also update about the global education scenario, research in engineering education, industry institute interaction to the faculty and motivates them. He also develops liaison with eminent academicians, scientists, industries, professional bodies etc., to plan and implement the quality measures. Faculty plays a major role in design and development of quality policy. Faculty plans and delivers the academics as per the quality policy of the institution including lesion planning and execution, introduction of add on courses, add on

experiments in laboratory, seminars and workshops for enhancement of the quality. Faculty takes efforts to embed values and ethics in education.

6.1.3 What is the involvement of the leadership in ensuring:

The policy statements and action plans for fulfilment of the stated mission: The management of the College has long term vision for both academics and administration. Management takes responsibility to provide the facilities for learning and growth of the college by providing budget under various heads for improving its infrastructure. Promotes research activities and encourages invited lectures so that the students become competent enough to meet the needs of industry. They guide, initiate, persuade the faculty and staff to actively involve themselves in realizing the goals and objectives of the management of the college. Encourage higher studies and research to compete the changing needs of the industry.

Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan: The action plans for operations are prepared under the guidance of the Principal, Deans, Heads of the Departments and coordinators. Committees such as class coordination, time table, internal assessment test, anti-ragging, cultural committee, and transport are initiated into their defined roles in formulating and achieving the plan. Prior planning for the conduct of the classes, co-curricular and extracurricular activities is done by the departments before the commencement of each semester. In order to ensure effective delivery of the curriculum, the faculty members prepare course file containing course document, lesson plan, quiz, assignment questions, and previous question papers. Budget is allocated to the departments for improving lab facilities, infrastructure and development of the institute.

Interaction with stakeholders: Stake holders are represented in BoM, CAC, DAC, IQAC, Advisory Committee and and Governing Body. Each program is having a program coordinator who will interact with all the stake holders. Parents meet is conducted once in each semester and feedback are taken for taking necessary corrective actions. The class coordinators and the mentors contact the parents and keep them updated regarding performance of their wards. Training and Placement Cell communicate with the employers and the feedback on students from employers are regularly recorded. The Alumni cell maintains contact with Alumni for getting necessary information on current issues and challenges in the industries.

Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders: Feedback

from students, parents and alumni are taken to plan the academic activities. The Heads of the Departments review the departmental progress for continuous improvement in consultation with the Principal. The management supports any new plan which is for the benefit of students and progress of the institution. Based on the employers feedback about the students placed in the preceding years, training in the areas for improvement are planned. To improve the academic performance of the students OBE activities are conducted periodically. Additional classes are conducted for the slow learners and diploma holders. The management and Principal motivate the faculty members to acquire research grants.

Reinforcing the culture of excellence: Large numbers of UG & PG students are involved in Research in multidisciplinary areas like Robotics, Materials, MEMS, Cloud computing etc. Research & Development Cell promotes research culture among faculty and students. In addition to courses in the engineering and science domain, we have introduced courses on Environmental studies, Constitution of India and professional ethics, which make the graduates will equipped with societal issues which in turn help them in their professional careers. The students are trained in soft skills, communication skills, technical skills and thus meeting the requirements of employers as well as the global challenges.

Champion organizational change : The purpose of organizational change is to address perennial evolution needs of successful organizations. It reflects our readiness to meet change and challenges in the global market. The Governing Council comprises of persons of eminence in the field of Higher Education/ Industries/ Research Organizations besides representatives of the faculty. With their rich experience and background they are guiding the destiny of the Institution so as to occupy a place of eminence in the field of higher technical education which is evidenced by the outcomes in terms of performance metrics like pass percentage, placement percentage, presentation in conferences, journal publication, accepted proposals, consultancy work etc. The college has also entered into MoU's with most reputed MNC's for molding the carrier of students right from their entry till they become successful professionals while exiting the premises. We are planning to acquire the status of an Autonomous Institution and in the short term and culminate into a University in the long run under their able stewardship.

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?

Following are the procedures used to monitor and evaluate policies and plans of the institute:

- Teacher plans the course well in advance. The syllabus is divided in to modules and lesson plan is carried out month wise and the syllabus is completed well in advance. This is done by the subject teacher in consultation with the HoD. Subject teacher and HoD monitors the daily/weekly/monthly attendance of students and use this delivery of academics.

- Students' attendance and internal marks are recorded. Corrective actions are taken whenever required by informing the parents, conducting retest, special classes etc.

- Research contributions of the students and faculty are recorded and monitored.

- Faculty and students are sponsored and sent for presentations in national and international conferences, FDPs, workshops, seminars etc.

- Students are sent for internships, implant training and industrial visits to other organizations. These are also recorded and improvised year after year.

- Students of both at UG and as well PG level are encouraged to take up the final year projects in industry during their last semester. This is done so that they get the feel of the industry and also they become aware of the industry scenario and its requirement. This helps to know the strengths and weakness and can upgrade themselves.

Several committees are constituted by the principal to monitor and evaluate the policies of the institution for improvement. Some of these are academic planning committee, academic monitoring committee, students counselling committee, placement cell, sports committee, canteen committee, hostel monitoring committee, transport committee, anti – ragging committee, grievances and redressal committee, discipline monitoring committee, etc., Every committee has its own objective and its performance is reviewed by the principal from time to time. The progress is reported to the Principal through the Head of department. Annexure - XIV.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

The Management and Principal ensure harmonious climate of human relations between students, faculty members, and departmental heads leadership in presenting their views and suggestions for the development

of the institution. The institution emphasises on motivation for research and professional progression with a degree of liberty. Faculty members are part of the decision making process at all levels. They are members of various committees constituted by the principal like, class committee, students counselling, grievances redressal committee, purchases committee, discipline committee, time table committee, anti ragging committee, hostel committee, entrepreneur development cell, alumni association, college day committee, sports day etc., in which the faculty members provide suggestions on various issues. There is freedom of action, decisions, freedom of research and publication, freedom of thought and expression.

The institution also provides academic freedom to faculty members to strengthen teaching and learning through independently organizing orientation programs, induction programs, seminars, workshops, development of new and innovative experiments, etc.,

6.1.6 How does the college groom leadership at various levels?

The institution tries to build up leadership among the faculty at all levels. The college believes in decentralization of administration and transparency in governance. Independence is given to all Heads of the Departments in planning, organizing and implementing various activities in the departments in a effective way. The HoD's in turn will delegate the authority and support the faculty in taking up various departmental activities like games, social, co-curricular and extracurricular activities to enhance the leadership in faculty and students.

Almost all students' programs are headed by the students, there by the students will develop the leadership qualities in organizing such events. Career guidance cell arranges seminars on leadership development. Institute nominates students on class council, University representative, hostel representative, canteen management, sports management, etc., to make them take decisions and develop leadership qualities.

Among the faculty the leadership quality is inculcated in participation of departmental activities, preparation of institution budget, purchase of equipment, Grievances Redressal, conducts various activities independently as suggested by the principal. The principal exhibits leadership in development of the institution, in formulating the academic and administrative activities, coordinating effectively with students, staff, faculty and the society.

The management always encourages the principal, faculty and the staff in improvement of the effectiveness and efficiency of the intuition.

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?

As mentioned earlier, the college ensures decentralization and thus delegates authority at different levels ensuring good governance. Powers are delegated to the HoD's in organizing workshops, seminars, preparation of class work, distribution of work to the faculty, teaching content beyond syllabus, inclusion of new and innovative experiments, nomination of faculty members as lab in charge etc., with the help of various committees. The HoD's prepare the academic schedule in consultation with the faculty members of the department. The HoD's and faculty are empowered to give recommendation letters to the outgoing students of our institution.

The institution also delegated authority to the administrative unit of the institution. The administrative unit provides transport facilities for faculty and students, it plans journey routes and take care of vehicle maintenance. The administrative department gives certificates like, bonafied, attendance, railway concession, etc., independently as per the requirements of the students. This unit also has autonomy in overseeing the functions of canteen, hostel, and any other matter related to the students. It implements the store's inventory system and purchase of equipment, passes of bills for payment of money to the vendors.

6.1.8. Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Yes, the institute promotes a culture of participative management. Leadership in the institute always recognizes the significance of the views of all the employees and hence practices this culture meticulously. The different levels of participative management are:

At strategic level the faculty members provide inputs to the governing body in framing the policies, procedures, guidelines, rules and regulations and effectively implementing the same to ensure smooth and systematic functioning of the institute. All the faculty members meet, discuss, share their opinion and plan to conduct various events on behalf of the institute and committees are formed to conduct the event smoothly. Faculty members are also involved in providing inputs in framing the course and examinations to be conducted by the institute.

At functional level the faculty members participate in sharing the knowledge by discussing on the latest trends in technology during faculty meeting. They are also encouraged in writing research articles. Faculty members also write joint research papers and share their knowledge. Staff members are involved in preparation of annual budget

of the department. They also correspond with the University and AICTE.

At operational level, the principal of the institution is a member secretary of the BoG. The BoG gives suggestions and monitors the procurement, introduction of new programs and welfare activities. The head of the institution is responsible for academic, non-academic and administrative activities of the institution. On behalf of the institution, he interacts and corresponds with AICTE, Commission of Technical Education, Govt. of A.P., UGC, Affiliating University, etc., The budget is earmarked for staff members and students to participate in various programmes organized by the institute. All the staff members actively participate in implementing the policies, procedures, and framework designed by the management in order to maintain and achieve the quality standards.

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 institution has a stated quality policy. The quality policy is to plan and implement, innovative teaching and learning process, to provide quality education, with futuristic trends in engineering and technology, to develop the institution in the years to come as a leading technological learning and research institution, to strive in establishing quality management system ensuring continual improvement.

URCET has implemented Quality Management System and is also ISO 9001:2008 certified to improve the quality of academic and administrative practices for higher productivity. Appendix III shows a copy of ISO Certificate.

Based on the vision and mission of the institution, the BoG has framed the quality policy driven by the needs of the society, stake holders, industries, to bridge the gap in curriculum through providing good infrastructure and conducive learning environment, building harmonious work culture, the needs of the society, and aspirations of the parents. All the activities which are the part of the quality policy are closely monitored. The various performance indicators like pass percentage, research, placements, achievements in co- curricular activities and extra-curricular activities of students are analyzed and reviewed. Considering the quality policy of the institution, the perspective plan has a short terms and long terms goals. Some of the major goals are establishment of research center, Centre of excellence in each department, skill development center. The institution propose to establish the above as

early as possible after obtaining the autonomous status from the affiliating University/UGC.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Yes. The institute has a perspective plan for development. It is developed by the head of the institution, based on the consultations and feedback after meeting all concerned heads of various departments and committees at institution level along with individual proposal at faculty level being considered for an agenda point for discussion at annual governing body meeting.

The planning and execution is monitored by the principal regularly. Adequate annual budget is part of the development plan. The aspects that are included in the perspective plan are drawn from the recommendations of the following committees: Viz: Academic Council, Student Council, Entrepreneur Development Cell, Grievances Redressal Cell, Anti ragging committee, library committee, hostel committee, transport committee, etc.,

The perspective plan of the institution is:

- To obtain accreditation from NAAC, NBA,
- Permanent Affiliation from the University,
- Autonomous status from the University,
- Autonomous status from the UGC,
- MoU's with Industries,
- To offer Consultancy Services in various fields of specializations
- Securing recognition by UGC under 2(f) & 12(b) of the UGC act.
- Establishment of R&D Centre in Interdisciplinary technologies.
- Establishment of Incubation centre and
- Obtaining the status of Top ranked engineering Institution in the state of A.P.

6.2.3 Describe the internal organizational structure and decision making processes.

The institution has a well-defined de-centralized organizational structure depicted in the chart shown below.
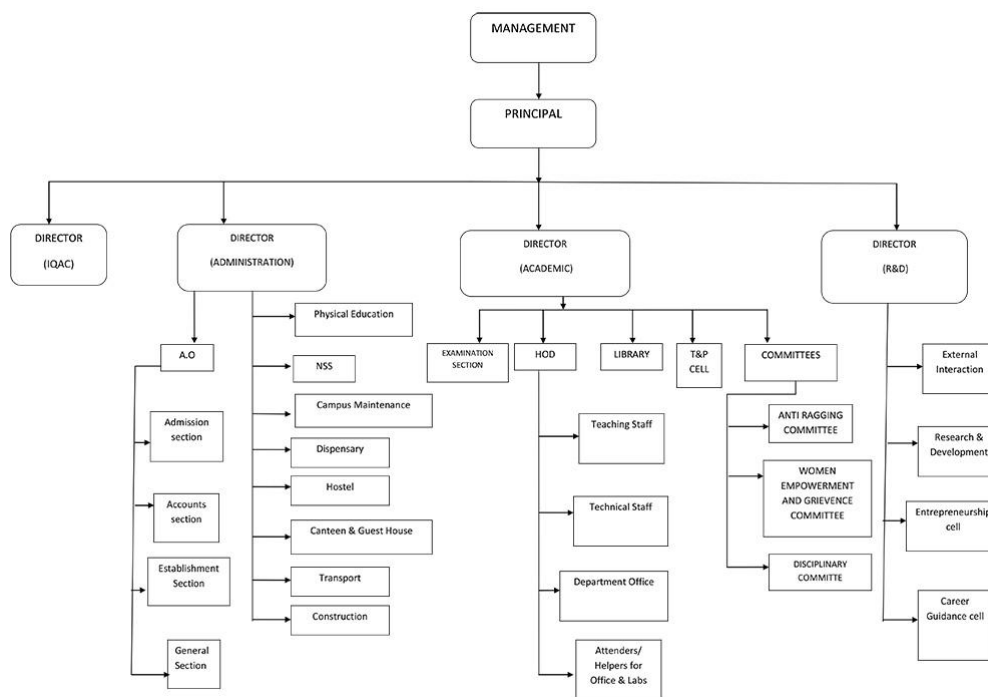
- The Principal is the head of the institution who looks into both academic and administrative matters and acts as a bridge between the Management, Staff and Students.

- Administrative Officer work with the Principal in executing general administrative works.

- HOD is responsible for the functioning of the Department as per the laid down policies of the college and will be reporting to the Principal. HOD will prepare budget estimation for the Department for its operation, maintenance and development.

- HOD will constitute various committees at the department level for smooth implementation of various activities.

- Director (R & D) looks after all the activities related to Research and Development.

- Coordinators of all committees at the college level will report to the Principal.

- Training and placement Officer looks into all activities related to campus recruitment and training of students will be reporting to the Principal.

All decisions are taken by BoG and it directs the principal for implementation through the heads of the departments and other bodies. The Organisational Chart attached as Annexure - VI.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following:

Teaching & Learning: Institution has the strategy of planning academic activities, before the beginning of the semester/year. The academic calendar is given by the affiliating University and the faculty prepares work schedule/work plan and implements the academics. The other strategies to support quality improvements are provision of e- learning resources in Central Library, ergonomically designed classrooms with networking facility, provision of e-classrooms and seminar halls in each department, development of student support material, Organisation of Remedial classes, Delivery of Add-on-courses with external agencies like IBM, Conduct of pre-placement training classes and campus connect programmes, Structured course files and lab manuals on all courses, Student feed-back on teachers and going through the necessary follow-up action, Conducting Faculty Development Programmes before commencement of each academic year and Continuously strengthening and updating of the laboratory equipment and the library resources.

Research & Development: Faculty members are encouraged to pursue research by providing them leave for higher studies, internet connection, library and other facilities. Also the college allocates of budget for in house R & D, provides Incentives and rewards for publications/ research for both faculty and students and Financial assistance to students for model making.

Community engagement: Institute conducts NSS activities related to health and hygiene, environment, literacy among the rural people, blood donation camp AIDS awareness camp, organises Free medical camps, Environment friendly activities etc.

Human resource management: HR management has well defined transparent policies for recruitment based on the merit of the applicant. HR policy includes Support for academic advancement to the faculty to attend seminars, workshops, invited lectures, research activities. There is Systematic performance appraisal system and Systematic promotion policies.

It also conducts the training and induction programs for the employees.

Industry interaction: Institute has Industry Institute Interaction Cell. It has signed MoU's with MNC / Industries. The Cell encourages faculty for industrial training. It organizes the student's visits to industry and encourages students to take up industry based projects during final year of degree/PG. It is also proposed to provide the internship to students to gain hands on work experience that a student will not normally get in a class room.

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 ensures that adequate information is made available to the top management to review the activities of the institution through:

- Collecting Feedback from students periodically
- Taking feedback and suggestions from Parents on periodical basis through parents meets
- Continuous process of counselling and mentoring mechanism by faculty coordinators
- Periodical meetings with class review committee members.
- Alumni association recommendations to enhance the academic excellence
- Monitoring student learning experience outside classroom throughout the year
- Assessment through Well-designed evaluation on the effectiveness of teaching and measuring the learning outcomes of the students.
- Interaction with the regulatory bodies, like AICTE, JNTUK, UGC, through formal letters, meetings, and takes suggestions and guidance.

The principal also presents the detailed annual report of activities of the institution. The principal also organizes the meetings with the parents, alumni, industry, R&D experts and presents a report of the institution and seeks their suggestion for the betterment of the institute. Management members are accessible to the head of the institution in all the time for guidance and suggestions.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

Faculty members and non-teaching Staff are involved in various academic and administrative processes which include admissions, correspondence within the institute and with the university, placement activities, examination work, organizing department level and institute level functions, heading various committees at department and college level, designing the required training programs, preparing annual budgets etc.

The management encourages and supports the involvement of staff through: Freedom of action and decision, freedom to give the suggestion

which help in the progress of the institution, felicitating faculty members and the staff for their long service in the institution, they are encouraged to attend seminars, workshops, and conferences, guest lecturers either as participants or resource persons. The technical staff is also allowed to undergo the training related to the laboratory and use of computers.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

The institution is affiliated to the JNTU Kakinada. Being an affiliated institution, there is no management council, but has a Board of Governors. The following Resolutions were adopted in the Governing Body meeting held on **18-06-2015:**

- Approval of the annual budget proposals for the financial year 2015-16
- Approval of the Placement activity report and suggestion for improvement
- Ratification of appointments made subsequent to the previous BoG meeting
- Securing accreditation from NAAC
- To establish Internal Quality Assurance Cell (IQAC) as recommended by NAAC
- To encourage the faculty to apply for major research projects from various funding agencies.
- To recognize the good work of the faculty who is instrumental in obtaining good results for a particular subject in the class and motivate others to perform better
- To reward the students who achieved topper in academic competitions.

The status of the implementation of such resolutions:

- Tthe annual budget proposals for the financial year 2015-16 are approved in the BoG meet.
- Internal Quality Assurance Cell (IQAC) as recommended by NAAC is established on 09/11/2015
- Research projects sanctioned from DST to a tune of 42 lakhs are in progress.
- The Institution has completed preparing the SSR and is submitting for LoI for NAAC.

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 affiliating University makes provision for according the status of autonomy to affiliated institutions. Institution is planning to apply for the autonomous status after getting NAAC Accreditation.

6.2.9. How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder relationship?

Institution has a grievances redressal cell to resolve the grievances of students and faculty. Appropriate committees will be formed to look into the grievances if needed , and they will be addressed. The mentoring system also helps in taking prompt action on any complaint received from the students. The anti-ragging committee functions well in the college and the committee members display the anti-ragging notices against ragging in the notice boars. Women Empowerment & Grievance Cell (WEGC) of URCET is a counselling and redressal centre for the women members in the campus. A complaint box is placed in each department which also helps in identifying the problems in anonymity also.

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?

Yes. The institution has a mechanism for obtaining the student feedback on academic matters like faculty performance (Clarity of instruction, interactive teaching, lecture planning, usage of illustrations and examples, Punctuality etc.), syllabus coverage and teaching learning facilities and improvements required. Student's feedback plays a vital role in the evaluation, development and enhancement of the quality of the teacher-learning process. Feedback gives an opportunity for the students to comment on the quality of their learning experiences and the faculty member to know about the teacher-learning process going on in the class. It also gives them the areas on which they need to focus.

The feedback is collected twice in a semester and analyzed. The class monitoring committees will provide feedback on coverage of syllabus. Results of the feedback process are made available to the faculty members and Heads of Departments. After a thorough analysis of these inputs, the HoD provides his views and suggestions and communicates the same to the concerned faculty. The faculty members having poor

feedback are called by the Head of the department and the problems are discussed. The performance for the subsequent semester is monitored. The faculty members having good feedback are appreciated. This process has helped the faculty members to identify the gaps and improve in that direction. Problems beyond the control of the principal will be focused to the management. At the BoG meeting these problems are discussed and solution is offered to the principal for implementation.

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?

The institution has laid down policy to support the teaching and non-teaching staff to enhance professional development. To enhance the professional development of teaching staff, following the steps are taken:

- Faculty members are encouraged to take up research work and publish the papers. Funding is provided by the management for the research work.
- Leave is provided to the faculty members to participate/ present papers in the National/ International conferences.
- Support is extended to the departments to organize workshops/ FDPs/ Conferences in the College.
- Faculties are sponsored for their higher studies
- Financial support is given to the faculty members for attending workshops/ conferences/ FDP etc.
- Subscription of e-Journals to the faculty members through the central library.

The following is the list of faculty completed qualification enhancement through QIP:

S. No.	Name of the Staff member, Designation and Department	Qualification Enhanced through QIP	Organisation
1.	Dr.G.Shyam Prasad	Awarded Ph.D(CSE)	AU
2.	Dr.R.Bhargavi	Awarded Ph.D(MECH)	AU
3.	K.Jyothi Sree	Awarded M.Tech(EEE)	JNTUK
4.	K.Nithya	Awarded M.Tech(ECE)	JNTUK
5.	B.Syam Kumar	Awarded M.Tech(CSE)	JNTUK
6.	J.Seetunya, Asst.Professor, Department Of Civil	Awarded M.Tech(CIVIL)	JNTUH

2014-15

S. No.	Name of the Staff member, Designation and Department	Qualification Enhanced through QIP	Organisation
1.	K.Sirisha	Awarded M.Tech(CSE)	JNTUK
2.	K.Rakesh	Awarded M.Tech(CIVIL)	JNTUK
3.	P.Surya Narayana	Awarded B.Tech(ECE)	JNTUK

To enhance the professional development of the non-teaching staff, the institution encourages its staff to:

- Update their computer knowledge
- Attend training programs in advanced skills related to their work

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?

Faculty are encouraged to upgrade their qualification, to attend seminars/ conferences, to involve in college administration, awards and rewards to the meritorious teachers, based on their teaching and other work related to the college.

- Orientation programmes are conducted for the newly recruited faculty members. Training on instructional design & delivery is provided by the expert faculty from premium institutions before the commencement of academic Year. Principal and the senior faculty members address them on topics such as policies of the institution, opportunities provided for the career growth, classroom management etc. Motivational lectures by eminent personalities are arranged.

- Training is provided to faculty on emerging technologies and also on real time problems in industry by eminent persons from industry and faculty from reputed institutions by organizing guest lectures and seminars.

- Institution formulates various committees with faculty as coordinator / member with proper allocation of work, assigning responsibility and grant of adequate authority and autonomy.

- Constitution of best teacher award in teaching / research and thus appreciation of the merit, talent and professional delivery every year.

- Faculty are sponsored for training programmes, paper presentations, attending seminars, workshops, quality improvement programmes etc.

- Besides better working environment conducive to teaching learning processes, other benefits like group insurance, PF and incentives for both better performances as well for acquiring higher educational qualification has made the college to have higher retention ratio.

- Woman faculty members are given maternity leave.

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 of a faculty member is evaluated by the following:

Self appraisal form is supplied to all the faculty members and staff members every year by the institute. The faculty and staff members complete and submit the self appraisal form to the HoD. Annexure – XVII. The Performance of the faculty is analyzed through the details provided by them in the self appraisal form. The performance is assessed basing on various parameters such as Examination results, pass percentage, relative position with respect to other neighboring affiliated colleges, scores of students in other competitive exams, Student feedback, Involvement in co-curricular and extracurricular activities, Responsibilities taken in the department, Publications and research work and the development of new and innovative experiments etc,. The appraisal committee scrutinizes them and refers to the Principal. Based on the committee report, the faculty members are rewarded/given the appreciation certificates.

Feedback system by the student is in force to evaluate the classroom performance of a faculty member. The questions in the feedback include discipline in the classroom, punctuality, teaching methodology, communication skills and define how far the teacher has succeeded in reaching out to the students. All the students are expected to give their feedback for all the teachers concerned with their classes. The identities of students are not disclosed. These details are accessible to staff so as to help them judge their performance. If there are any issues of concern, the faculty member is facilitated to overcome the lacunae without lowering self esteem. Wherever required, counselling is provided to staff in order to help them improve their professional capabilities.

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 appraisal report is used for the regularization of the services of the staff. It also decides about the promotions, granting deputation, study leave, special leave, sponsoring for Ph.D. degree. It also decides to offer additional increments and rewards based on the self-appraisal.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

The following welfare schemes are available for the teaching and non-teaching staff:

- Special academic leave for research and PhD work.
- Sponsoring for higher education through QIP (9 faculty members are benefited.)
- Incentives for paper publications
- Sponsoring for seminars / workshops etc.
- Contributory EPF facility for the regular staff.
- Free transportation to all employees,
- Maternity leave is provided for woman staff members,
- Earned leave and medical leave is provided is provided for ratified faculty.
- Fee concession is given to employees children.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

The institution always tries to attract eminent persons and retain them. The college creates an excellent working environment for the effective teaching learning processes, research and development and works in a transparent manner. The work culture in the institute helps in attracting and retaining good faculty. Additional increments are given to the eminent faculty in their pay scale. Good quality students take admission to the institute. Leaves are given for staff to pursue Post Doc and Research assignments. Transport is arranged at free of cost. Institute creates facilities for R&D work and consultancy.

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 financial resources of the institute are managed in very effective manner. A fully computerized accounts department is functioning in the institution. The following types of accounts are in operation.

1. Receipts and payment accounts

2.   Income and expenditure accounts

3.   Balance sheet.

College obtains proposals from concerned departments in an academic year under three different heads of account i.e., capital budget, maintenance budget and developmental budget. It mainly allocates fund for the salary of its staff and faculty. Infrastructure development, faculty development, research, library, canteen, hostels are the other recurring expenditures. The institution monitors the earnings by the admissions of the students in to the institution and revenue collection in the form of deposits (loans from banks), interest derived on deposits and other assets. Salary component, infrastructural requirement based on increased intake and new courses, the equipment in laboratories, furniture, books, journals and sundry expanses are considered as expenditure. After assessing the projected income for an academic year, college allocates budget to each department with details. Purchases will be made with the recommendations of duly constituted purchase committee. If any expenditure is made beyond budget sanction, ratification will be done in a special meeting.

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.

The institution carries out internal audit quarterly and external audit yearly. The external audit is done during the month of April and May in every year. The audit report is enclosed in ANNEXURE- XVI. There are no major audit objections.

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.

The institution is self-financed institution. The major source of income for the institution is the collection of tuition fee for students as stipulated by the Govt. of A.P. and fee re-imbursement by the Govt. of A.P. In case of deficit financing, loans are taken from banks to meet the expenses

Audited data for income and expenses for the last 4 years:

S.No.	Description	2015-16	2014-15	2013-14	2012-13
1	Income	87721392	93651124	87241149	83348447
2	Academic Expenses	50580896	56526638	52642654	54200672
3	Administrative Expenses	46598248	46304901	31593573	45343406

| 4 | Total Expenses | 97179144 | 102831539 | 84236227 | 99544078 |
| 5 | Surplus/Deficit | 9457752 | 9180415 | 3004922 | 16195631 |

The audited statement of income and expenditure is given in Annexure XVI.

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

Efforts are being made by the institution in securing additional funds for infrastructure development and R&D activities from funding agencies like AICTE, UGC, DST and DRDO. Two Funded Research Projects from Department of Science & Technology (DST) to a tune of Rs. 42 lakhs is now in progress with money also coming from a Consulting project. Unsecured loans will be raised to meet the deficit of funding whenever required.

S. No.	Name of the Faculty	Department /Designation	Title of the Research Project/ Consultancy	Sponsoring Organization	Value in Rs.	Expected Date of Completion
1.	Dr. B. N. Srinivas	Chemistry / Professor	Synthesis of C-SiO_2 composite material from rice husk for CO_2 capture	Department of Science & Technology (DST) New Delhi	22.5 lakhs	1st review completed in Oct 2015. II Instalment of Rs.5 Lakhs released
2.	Dr. A Ravi Kumar	EEE / Associate Professor	Fuzzy Based SVPWM Controlled Shunt Hybrid Active Power Filter for Power Conditioning	DST-SERB	16 lakhs	DEC-2016
3.	Mr K Sundara Kumar	Civil / Associate Professor	Strength assessment of the building	Eenadu News Paper	10,000	Consultancy Being offered

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)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

The institution has established an Internal Quality Assurance Cell (IQAC) on 09.11.2015.The policies of the institutional quality assurance cell are:

- Use of innovative teaching methods and to equip the students with the knowledge about the latest trends in their respective fields and to prepare them to meet the challenges of the job market.

- Implementation of the Outcome Based Education (OBE) system

- To focus on augmenting the placement of the final year students in reputed companies through effective campus placement drives.

- To organize more number of guest lectures by eminent resource persons/subject experts in all the departments to enhance the academic input.

- To implement Remedial Coaching classes for the slow learners and Bridge courses for students from other school backgrounds and Add on courses beyond syllabus for academic enrichment.

- To conduct Faculty Development Programmes (FDPs) periodically to update their knowledge. Faculty motivation for higher studies and for writing text books.

- Organization of workshops and seminars, and organization of national conferences of all the Departments.

- Research project funding from AICTE, DST etc.

- To improve the communicative skills of the students.

- To upgrade the industry-institution relationship by developing linkages with professional and research bodies and motivate students for carrying out live and innovative projects.

- To inculcate the spirit of service mentality among student volunteers through NSS activities

- To give adequate counselling and guidance to students in their personal/ academic/ professional fronts through the Counselling and Guidance cell.

- To encourage more number of students to participate in sports by providing them with required training, coaching and guidance.

b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

A majority of the above suggestions made by IQAC are implemented in our institution like implanting innovative teaching methods, organizing workshops and conferences, teaching add on course beyond syllabus, taking membership in professional bodies like ISTE, CMSI, CSI, IEI etc,.

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

The Institutional IQAC has external members as its committee. The committee evaluates the faculty performance and guides them for improvement in teaching learning. The presence of other members from industry helps in redefining some of the parameters in improving the quality of the skills of the students to make them placement / industry ready by the time they complete the course.

d. How do students and alumni contribute to the effective functioning of the IQAC?

IQAC also interacts with students and alumni. Alumni give useful suggestions about restructuring the curriculum and the expectations of the industry from academic institutions. They also give the inputs about the institutional processes.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

IQAC visits the departments and conducts meeting with the HoD and faculty. It reviews the achievements of faculty and appreciates their performance.

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 operationalisation.

Yes. The institution has an integrated frame work for quality assurance of academic and administrative activities. It reviews the information which is received from various departments and administrative activities. The outcomes are discussed in the academic council meetings for improvements like, teaching methods, result oriented coaching, extra care for slow learners. It conducts special tests to understand the mathematical level and the grasping level of students. This analysis gives the quality of the students admitted. The IQAC also supervises the theory and the practical skills which are developed among the students. It also uses the grades of University examinations for quality assurance. It also grades the co-curricular and other activities and gives feedback about the quality and necessary measures for improvements. Institution is meeting the ISO 9001:2008 standards.

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.

Yes. The institution organizes training programme to its staff members for creating an awareness and effective implementation of the Quality Assurance procedures. The institute encourages and sponsors faculty in participating in various orientation and refresher programmes, workshops, conferences, seminars, skill development and leadership programs etc., organized by reputed institutions like JNT University, NIT's and IIT's and encourage the faculty to undergo audit courses to enable them to perform audit.

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. The institute invites academicians and industrial experts and carries out academic audit. This type of audit gives a feedback in the areas where an improvement is needed. The institution accordingly plans and implements the process.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/ regulatory authorities?

The teaching quality is monitored by the HoD's and senior faculty regularly. Based on these findings, corrections are implemented if required. The external quality assurance is carried by the affiliating university every academic year which inspects and reviews the academic process and performance of the institute. Feedback is also taken from all stake holders for improvement. Institution also uses guidelines of professional bodies for quality in education, for development of internal quality assurance mechanism. The quality assurance mechanism of the institution is developed based on the guidelines of quality assurance agencies like, NAAC and NBA.

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 are in place to review Teaching -Learning Process:

- Class review committees / syllabus monitoring committees meets twice in semester to assess the extent of syllabus coverage, and also the quality of teaching.

- The lesson plans, quality of course material, assignments and question papers prepared by the faculty are assessed internally and suitable suggestions are given for enriching the teaching and learning processes.

- The feedback from students on faculty performance will be taken twice in a semester to evaluate the teacher performance in class room teaching. The feedback is analyzed and evaluated for every teacher and a copy of feedback is provided for making necessary corrective action. Further, teachers are counselled by the head of the department and also by the Principal if required.

- Annual reviews are conducted on detailed self-appraisal forms to evaluate the performance on teaching, research and other performance related issues.

- The head of the institution interacts with few students of each class and takes the feedback on the teachers on the effectiveness of their teaching.

- Content beyond syllabus and the co-curricular activities are also organized. Add on subjects both in theory and lab experiments are also carried out.

The above process helps in effective delivery of curriculum, development of theoretical and practical skills among the students.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders? Any other relevant information regarding Governance Leadership and Management which the college would like to include.

Institution communicates its quality assurance policies, mechanism and outcomes to internal stake holders through meetings, circulars, notice boards and to the external stake holders, Viz: Parents, Alumni, Industry and others through college website, mail, brochures, magazines and also by conducting separate meetings with parents, alumni, and industry. College news letter "UR Times" is annexed in XVIII.

Criterion – VII

Innovation and Best Practices

7.1. Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

Yes. Usha Rama College of Engineering & Technology is located in a serene environment with plenty of trees and blooming greenery since its inception. The institution is very conscious towards conservation, safety and sustainability of environment. The institution believes in environmental responsibility and stick to resource practices, such as waste reduction, recycling, re use and energy conservation. The maintenance department of the college organises green audits on a periodic basis which has made the campus eco-friendly. The lawns and gardens consists of good number of rain water harvesting structures, large number of trees, and the lawns are well maintained with water sprinklers by using recycled water,. Our NSS volunteers and gardeners taking care of the garden and green campus. The college campus is a non polluting smoke free zone. Harmful products like tobacco are banned in the campus.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

Energy conservation

The building is designed in such a way that there is natural illumination and ventilation in the buildings and across the campus. The eco-friendly activities adopted in the campus are: replacement of copper chokes with electronic chokes in tube lights, energy efficient and star rated fans, lights and air-conditioners are used in all class rooms and labs, to improve power factor, capacitor banks are used in power conditioning to make the load operate near to unity power factor, solar water heaters are used in hostels, and rain harvesting pits are constructed throughout the campus. Efforts are on to replace high energy consuming CRT monitors by TFT monitors in all labs. An eco-friendly generator has been set up in the campus to minimize the atmospheric pollution. To conserve energy with the existing system, the staff, faculty, students switch off lights, fans and other electrical devices to avoid wastage of energy when they are not in use. Windows are kept open to take advantage of natural light at the work places.

Use of renewable energy

Solar Street lights have been installed in the campus. It is proposed to install a bio gas plant in the institution to utilize the kitchen waste and the food waste from the hostel and canteen. The bio gas so generated can be used for cocking in the canteen and in hostels.

Water harvesting

Rain water from the top of the building is collected and is either stored or allowed to sink into the land. The water so collected is re used for gardening and other places. During summer this water is mostly used from the watershed. It is proposed to install a RO plant in the institution and use this water for the purpose of not only maintaining garden but also take up of growing vegetables in the institution. About 50% of the water so collected is used for this purpose and the remaining water goes towards re charging of the ground water.

Efforts for Carbon neutrality

The institution is located away from the city and is surrounded by paddy fields and canal. The institution is committed to lowest CO_2 emission. The college management has taken certain measures to prevent the emission of carbon dioxide in the campus. The motor vehicles are kept at a distance from the classrooms in the ear marked parking sheds. The dead leaves of the plants and the waste paper are never allowed to be put on fire but properly are disposed off in the pits dug in the earth and thus reducing atmospheric pollution. They are also used as manure for the plants. Institution also campaigns greenhouse gases measured in terms of their carbon dioxide equivalence. This helps in keeping the campus free from spreading CO_2 to a great extent.

Plantation

Campus takes utmost importance in plantation of trees, both medium and long trees to make the campus green and clean. The vast college structure is built up in the mid portion of the Thirteen acre land. The mechanical department machinery and canteen is away from the main building. The staff, students, parents, alumni are encouraged to plant trees inside and outside the campus. VIPs visiting the institution are requested to plant the trees. NSS volunteers plant saplings in our college and also in the villages adopted by our institution.

e-waste management

Processing of electronic waste causes serious health and pollution problems. Therefore the institution takes utmost care in effectively making use of the e-waste material. Since majority of the electronic devices contain variety of materials we intend to make arrangements to

dismantle the system and re use where ever it is possible. Out dated and low end components are used for demonstration purpose either in our institution or in local schools.

7.2. Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

- Continuous evaluation and monitoring of performance of teachers based on feedback collected from the students and pass percentage in subject handled by them.

- Introduction of tutorial classes, remedial classes, finishing school is integrated in to the time table. This practice has improved the pass percentage of students and has helped in developing learning abilities among the students.

- Tutorial classes helped the students in solving problems. E-learning, video lectures from NPTEL and CoE-eRD lectures have enhanced the teaching learning process.

- Several innovative methodologies like, quizzes, personality development, cross word puzzles, real time demonstrations, group discussions have been introduced.

- The principal has appointed a review committee to review all academic activities. The curriculum is devised into modules and the time schedules are planned in advance. In case of shortage, in curriculum design and development, add on subjects and add on experiments are included.

- Over and above the subject, stipulated by the University about 10 % more content is taught to the students where ever required to give wider knowledge base to the students.

- More electives are offered to suit the requirement of students.

- Students are encouraged to carry out projects in the college.

- Students are made to write their project reports. This will enhance the report writing among the students.

- Students profile is collected at the time of admission based on their economic conditions, rural background, medium of instruction, till that date and it helps in orienting the students to the engineering education. Based on this bridge courses and value added courses are framed.

- When benchmarked with other engineering institutions, our institution ranked best upcoming in the district of Krishna.

- Students who performed well in their academics and in sports and games are given prizes and certificate of merit on college day.
- The best student project in each branch is identified and the student is suitably awarded. Innovations in teaching learning methodology is introduced with audio visual aids, demonstration experiments, OHP/LCD projectors, guest lectures, industrial visits etc., apart from the regular black board teaching.
- Proposed to setup QEEE centre in association with IIT, Madras.

7.3. Best Practices

7.3.1 Elaborate on any two best practices, which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

Best Practice I:

Title of the practice: Outcome Based Education (OBE)

Goal

Along with the traditional methods of teaching, Outcome Based Education is practiced in the institute. The Outcome Based Education activities such as quiz, course seminar, course project, subject proficiency test help a faculty member evaluate the student on continuous basis. This system focuses on providing a platform to apply the knowledge gained by the student, apart from what the student has learnt and understood.

Context

Our institution is an affiliated college. As per the University guidelines internal assessment test, practical examination and university examination are the only ways of assessing the academic performance of the student. OBE includes quiz, assignments, seminar, presentations, etc that are not part of the university guidelines. Initially the students were not taking active part in these activities as they do not have any credits/marks. Continuous counselling was done to explain the importance of these activities in their academic and professional life which motivated the students to participating in the OBE activities.

Practice

The University provides the academic calendar. The institute prepares its own calendar of events based on the schedule of academic calendar. All the activities that are planned for the semester are mentioned. The

schedule for the OBE activities is also included in the calendar of events. The calendar of events placed on the institute's website.

Assignments: Each student has to submit two assignments. The assignments questions include both descriptive and numerical type and are displayed on the department notice board and also on the department website. The questions are from the text books and University question papers.

Quiz: Objective type quiz is conducted in the classroom. The entire class is divided into three/ four groups so that there is competitive environment during the conduction of quiz.

Course seminar: The students are divided into batches. Each batch consists of four students. Each faculty member is assigned with three batches. The batch list and the faculty guide are displayed on the notice board. The students have to contact the concerned faculty member to discuss the topic for the seminar. Students are encouraged to suggest the topic of their interest. They have to collect the information from the journal papers, magazines, internet etc and have to prepare the report. The students have to present the same through power point presentation.

Subject Proficiency test (SPT) :

This test is conducted for each subject. The questions are of objective type. This test is conducted during the 2nd internal test.

Evidence of success

It has been evident that students have become more confident and they have good learning experience. This has helped them in performing well in the University exams and helped in getting good placements.

Problems Encountered and Resources Required

OBE is not the part of the university guidelines. Initially the students were not taking active part in these activities as they do not have any credits/marks. Continuous counselling had to be done to explain the importance of these activities in their academic and professional life.

Best Practice II:

Title of the practice: Special Team

Goal

The vision of Special team is to increase our impact on the IT-world by creating new ideas, fresh paths to attract more world-leading companies to keep an eye on us. The team endeavours to transform the local knowledge into global, where new solutions are created, tested and delivered, all at one site; expand the ordinary student's problem solving capacity and increase our Intern student base.

Context

Usha Rama R&D centre scholars pioneered new interpretations of scripture, identified the building blocks of life and founded a Special Team. The team began its journey in November, 2014. It was formed by a competent Technical Team drawn from Advansoft International and proven management team from the Usha Rama Educational Academy. This team is conceptualized to raise the innovative thinking and practical learning capabilities of the students. The Special Team is an exclusive wing of R&D Usha Rama.

Practice

Because the best invention to come out of Special team is Special team itself. This team is a machine for thinking. Our team structure, scale and cross-disciplinary approach enables great minds to become more than the sum of their parts. It has led to vital breakthroughs. Special team is an unique community of various branches in college, and home to more than 80 students. This team is the home of our signature supervision system, where students are mentored by some of the great leading thinkers. By following the corporate standards, Usha Rama R&D centre initiates a Consultant approach to meet the industry needs and solving real-time business technical problems. Eight Students were appointed as Technical Consultants serving different domains of IT industry.

Evidence of success

The list of students placed is indicated in the following table: **2015-16**

Student Name (Branch)	Job Profile	Name of the Company
Suvarna (IT)	Jr. Mongodb DBA	Aadhya Analytics
Sai Kiriti (IT)	Jr. Mongodb DBA	Aadhya Analytics
Dilip (ECM)	Hadoop Trainee	Aadhya Analytics
Jameer (ECM)	Hadoop Trainee	Aadhya Analytics
Jayasree (CSE)	Hadoop Trainee	Aadhya Analytics
Vanaja (CSE)	Hadoop Trainee	Aadhya Analytics
Ajmal (CSE)	Hadoop Trainee	Winbold
Girish (CSE)	Data Science Tester	Motivity labs
Naveen (CSE)	Automation Tester	Virtusa
Naga Mounika (CSE)	Jr. Data scientist	BWDC
Viswakanth (IT)	Jr. Web Developer	BWDC
Laxman (EEE)	Lead Tester	BWDC
Phani Bhushan (ECM)	SQL operations	XDD
Mukesh (ECM)	SQL operations	XDD
Akhil	Network Operations	Hexaware
Sita Ram (IT)	SQL operations	XDD
Yoshitha (CSE)	SQL operations	XDD
Anudeep (CSE)	MS	University of Springfield
Chandini	Oracle Apps	Orbit Analytics
Sai Bavith	Java Developer	Hexone
Varun	IOS developer	Seawellsoft
Prakash	Cloud Network Support	--

Problems Encountered and Resources Required

Most of students are hailing from villages, hence lot of time is taken to enhance the communication and technical skills of the students

Best Practice III:

Title of the practice: Work Study Programme

Goal

This is a unique programme that has been introduced by the Management of URCET which encourages the students to gain practical knowledge of the recent developments in various fields. This practical knowledge gives them innovative thoughts and paves way for devising latest widgets useful for mankind. After brooding over the thought of providing hands-on experience to the students other than Academic subjects for a longtime, the Management has put incredible efforts for

providing the Departments with the machines, materials, and infrastructural facilities.

Context

Every Student's dream is to secure a good job on completion of the course. In this College, a student need not wait until the end of the Course to secure a job of his choice. Here we have a program exclusively designed for the students.

Practice

This programme is designed for the students who are willing to work after the college hours for developing their skills and interest in their field of choice. The programme is from 3 pm to 5.30 pm from Monday to Friday and 9 am to 1 pm on Saturday.

In this programme, a student is short listed based on his / her academic performance. As this college has a software development firm, the need and requirement for jobs come as and when required. To enrich them with the latest technological and software needs, this Institution is providing training on some of the software courses as mentioned below:

ZIGBEE Wireless Technology
PCB Design & MCU Programming.
WEB DESIGNING
ANIMATION
DOT NET
BPO TRAINING

BUSINESS ANALYSTS (Web-Based Training & Managerial Development Programme) "During the training Programme, If the students show exceptional performance they are automatically absorbed into the company's Pay Roll. He / She shall continue to be in the Pay Roll and shall work in different areas so as to gain maximum exposure and shall be awarded a working experience certificate of 4 years on successful completion of the B.Tech programme.

Evidence of success

Event	Name Of The College	Place
Project Expo	SRK Institute of Technology, Vijayawada	First
Project Expo	PVP Siddhartha Institute of Technology, Vijayawada	First

The students of this Programme have recently designed a website www.anvesh.com. This is a Web Search Engine owned by Advansoft group. This Search Engine is a tool designed to search information on the World Wide Web (www). All revenue generated by this website will be used to setup Water Treatment Plants and water tanks across India, to provide pure drinking water.

Problems Encountered and Resources Required

Most of students are hailing from villages, hence lot of time is taken to enhance the communication and technical skills of the students.

Contact Details

Name of the Principal: Dr V. Rajesh

Name of the Institution: Usha Rama College of Engineering & Technology

City: Vijayawada

Pin Code: 521109

Accredited Status: Applied for NAAC

Work Phone: 9177712255

Mobile: 9502416254

Website: www.usharama.com

E-mail:principal@usharama.in

Part - III: Evaluative Reports of the Departments

Evaluative Report of the Department of Computer Science & Engineering

1. Name of the department: Computer Science & Engineering

2. Year of Establishment: 2008

3. Names of Programmes / Courses offered (UG, PG)

   UG: Computer Science and Engineering

   PG: Computer Science and Engineering

4. Names of Interdisciplinary courses and the departments/units involved:

   NIL

5. Annual/ semester/choice based credit system (programme wise)

   Under Graduation (B.Tech) – Semester Wise

   Post Graduation (M.Tech) – Semester Wise

6. Participation of the department in the courses offered by other departments

   - IT work shop to B.Tech CIVIL,ECE,EEE,MECH,IT departments
   - C programming to B.Tech CIVIL, ECE, EEE, MECH, IT departments
   - Computer Networks to ECE department
   - Operating Systems to ECE department
   - Computer Graphics to MECH department

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

   - MOU with IBM, Microsoft, Oracle, SAP

8. Details of courses/programmes discontinued (if any) with reasons –

   NIL

9. Number of teaching posts

	Sanctioned	Filled
Professors	2	2
Associate Professors	8	8
Asst. Professors	17	17

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Expe-rience	No. of Ph.D. Students guided for the last 4 years
Dr G Syam Prasad	Ph. D.	Professor	CSE	12 Years	
Dr SP Manikandan	Ph. D.	Professor	CSE	10 Years	
Dr BR Srinivasa Reddy	Ph. D.	Professor	CSE	18 Years	
Mr M Sambasiva Rao	M Tech	Associate Prof	CSE	12 Years	
Mr SM Roychoudri	M Tech	Associate Prof	CSE	16 Years	
Ms A Durga Bhavani	M Tech	Asst Prof	CSE	9 Years	
Mr MSS Nayak	M Tech	Asst Prof	CSE	8 Years	
Mr G Balaiah	M Tech	Asst Prof	CSE	3 Years	
Mr R Seetharam	M Tech	Asst Prof	CSE	7 Years	
Mr T Narasimhappadu	M Tech	Asst Prof	CSE	8 Years	
Mr BS Vara Prasad	M Tech	Asst Prof	CSE	8 Years	
Mr M Vijaya Raju	M Tech	Asst Prof	CSE	6 Years	
Ms M Swapna	M Tech	Asst Prof	CSE	5 Years	

Name	Qualification	Designation	Specialization	No. of Years of Expe- rience	No. of Ph.D. Students guided for the last 4 years
Mr L Narasimha Swamy	M Tech	Asst Prof	CSE	9 Years	
Mr B Syam Kumar	M Tech	Asst Prof	CSE	3 Years	
Mr PAnil Kumar	M Tech	Asst Prof	CSE	2 Years	
Ms K Yasoda	M Tech	Asst Prof	CSE	2 Years	
Ms G Baleswari	M Tech	Asst Prof	CSE	2 Years	
Ms V Anusha	M Tech	Asst Prof	CSE	1 Year	
Ms Y Salini	M Tech	Asst Prof	CSE	2 Years	
Mr KVM Mahesh Kumar	M Tech	Asst Prof	CSE	3 Years	
Mr MVVS Subrahmanyam	M Tech	Asst Prof	CSE	2 Years	
Ms K Sirisha	M Tech	Asst Prof	CSE	1 Year	
Mr D Rajasekhar	M Tech	Asst Prof	CSE	1 Year	
Mr K Kranthi Kumar	M Tech	Asst Prof	CSE	1 Year	
Mr M Anudeep	M Tech	Asst Prof	CSE	1 Year	
Ms K Anuhya	M Tech	Asst Prof	CSE	1 Year	

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) **1:15**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : 34 **MEMBERS**

15. Qualifications of teaching faculty with M.Tech/Ph.D : 27 **MEMBERS**

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: 30

    a) Publication per faculty : 1.11

    * 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**: NIL**

    * Citation Index**: NIL**

    * SNIP**: NIL**

    * SJR**: NIL**

    * Impact factor: 0 to 2.5

    * h-index**: NIL**

20. Areas of consultancy and income generated: **NIL**

21. Faculty as members in : **NIL**

    a) National committees

    b) International Committees

    c) Editorial Boards….

22. Student projects

    a) Percentage of students who have done in-house projects including inter departmental/programme : 10%

    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies 50%

23. Awards / Recognitions received by faculty and students

STAFF AWARDS:

Mr. M. Sambasiva rao bagged Rs.5000 cash prize for the best result in OSS subject

STUDENT ACHIEVEMENTS:

S. No.	Name of the Student	Name	Date	Organized by	Position
1	B Alekhya (10NG1A0501)	Poster Presentation	24th Jan, 2014	YoUR Fest, 2k14	**II**
2	B Alekhya (10NG1A0501)	Project	24th Jan, 2014	YoUR Fest, 2k14	**I**
3	G Praveen Kumar (10NG1A0534) Syed Mustaq (10NG1A0526)	Technical Quiz	10th feb,2013	L.B.R.C.E	**I**
4	Syed Mustaq (10NG1A0526) karthik (10NG1A0547)	Paper Presentation	24th Jan, 2014	YoUR Fest, 2k14	**I**
5	Siva Rama Krishana (10NG1A0546)	Group Discussion	24th Jan, 2014	YoUR Fest, 2k14	**I**
6	Syed Mustaq (10NG1A0526)	Mr. Perfect	24th Jan, 2014	YoUR Fest, 2k14	**I**
7	Syed Mustaq (10NG1A0526)	Mr. Technolon	28th feb,2013	S.R.K. College	**II**
8	B Sai Teja (11NG1A0545	Work Shop	13-15 Mar,2014	Kakatiya University	**I**

24. List of eminent academicians and scientists / visitors to the department

S No	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1.	Software Testing	Guest Lecture	Mr.D.Srinivasulu	IV & III CSE Students
2.	Data Warehousing	Work Shop	Mr. Jayen Thakker	IV & III CSE Students
3.	Big Data	Work Shop	Mr. R. Mallarswamy	IV & III CSE Students

4.	Personality Development	Guest Lecture	Mrs. (Dr) V. Radhika Reddy	ALL CSE Students
5.	Human Values	Guest Lecture	Radha BrahmakumarI	ALL CSE Students
6.	IT Industry Requirements	Guest Lecture	K. SuryanarayanA	ALL CSE StudentS
7.	Soft Skills	Guest Lecture	Mr Chaitanaya Vaddi	IV CSE Students
8.	EnterprisE Applications	Guest Lecture	Mr Sri Charan	IV CSE Students

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

S. No.	Event	Department Conducted	Resource Person	Year
1.	Project Exihibition	B.Tech (CSE)	M Samba Siva Rao	2016
2.	Paper Presentation	B.Tech (CSE)	Y V V N Vara Prasad	2016
3.	Poster Presentation	B.Tech (CSE)	R Veera Raju	2016
4.	Technical Quiz	B.Tech (CSE)	R Seetha Ram	2016
5.	Webinor On Cloud Computing Ibm Bluemix	B.Tech (CSE)	S V Ramana Murthy JKC	2016 2015
6.	AP Skill Development Mobile Applications Development	B.Tech (CSE)	AP Skill Development Corporation	2015
7.	Big Data & Analytics With IBM Infosphere Biginsights	B.Tech (CSE)	1. Mallarswami R	2015
8.	Introduction To HTML5, Javascript Programming And Dojo Mobile	B.Tech (CSE)	Vishalatchi	2015
9.	IBM CE - Enterprise Applications For Cloud Environment (J2EE) Using IBM Rational Application Developer & IBM Bluemix	B.Tech (CSE)	Gowtham	2015
10.	Essentials Of Big Data With Hadoop Using IBM Infosphere Biginsights	B.Tech (CSE)	1. Mallarswami R	2015
11.	Big Data And Analytics With IBM Infosphere	B.Tech (CSE)	Ananda Chowdary	2015
12.	Fundamentals Of Software	B.Tech (CSE)	Vinod	2015

S. No.	Event	Department Conducted	Resource Person	Year
	Testing With Rational Tools			
13.	Project Exihibition	B.Tech (CSE)	M Samba Siva Rao	2015
14.	Paper Presentation	B.Tech (CSE)	Y V V N Vara Prasad	2015
15.	Poster Presentation	B.Tech (CSE)	R Veera Raju	2015
16.	Technical Quiz	B.Tech (CSE)	R Seetha Ram	2015
17.	Fundamental Course DB2-Data Base Administration For Linux, Unix Windows	B.Tech (CSE)	Ananda Chowdary	2014
18.	Essentials Of Big Data With Hadoop Using Infosphere	B.Tech (CSE)	Yogesh Sharma	2014
19.	Software Foundation Course With C Programming	B.Tech (CSE)	Pavan Kumar	2014
20.	IBM Learning SQL And DB Programming With DB2	B.Tech (CSE)	Yogesh Sharma	2014
21.	Web Applications Development And Deployment On Cloud Using RAD	B.Tech (CSE)	Yogesh Sharma	2014
22.	Project Exihibition	B.Tech (CSE)	M Samba Siva Rao	2014
23.	Paper Presentation	B.Tech (CSE)	Y V V N Vara Prasad	2014
24.	Poster Presentation	B.Tech (CSE)	R Veera Raju	2014
25.	Technical Quiz	B.Tech (CSE)	R Seetha Ram	2014
26.	Basic Programming Using C# And Mobile Application Developemnt	B.Tech (CSE)	N Jaya Krishna	2014
27.	Technical Quiz On "C" Language	B.Tech (CSE)	M SAMBA SIVA RAO	2014
28.	Guest Lecture On Mainframes	B.Tech (CSE)	M.Raghavendra Sai	2014
29.	Workshop On Amazon Web Services	B.Tech (CSE)	V. Aditya	2013
30.	Project Exihibition	B.Tech (CSE)	M Samba Siva Rao	2016

b) International : **NIL**

26. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B. Tech (CSE)	102	102	58	44	Waiting for results

*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 (CSE)	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? **: NIL**

29. Student progression

Student progression	Against % enrolled
UG to PG	0.05
PG to M.Phil.	N A
PG to Ph.D.	N A
Ph.D. to Post-Doctoral	N A
Employed • Campus selection • Other than campus recruitment	56
Entrepreneurship/Self-employment	1

30. Details of Infrastructural facilities
    a) Library: YES
    b) Internet facilities for Staff & Students: YES
    c) Class rooms with ICT facility: YES

d) Laboratories

S.NO	NAME OF THE LAB
1.	CSE Lab 1
2.	CSE Lab 2
3.	CSE Lab 3
4.	CSE Lab 4

31. Number of students receiving financial assistance from college, university, government or other agencies: 210

Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1.	22-8-2015	Software Testing	Guest Lecture	MR.D.Srinivasulu	IV & III CSE Students
2.	25.09.2015	Data Warehousing	Work Shop	Mr. Jayen Thakker	IV & III CSE StudentS
3.	30.09.2015	Big Data	Work Shop	MR. R. Mallarswamy	IV & III CSE Students
4.	30.09.2015	Personality Development	Guest Lecture	Mrs. (Dr) V. Radhika Reddy	All CSE Students
5.	06.10.2015	Human Values	Guest Lecture	Radha BrahmakumarI	All CSE Students
6.	13.10.2015	IT IndustRY Requirements	Guest Lecture	K. Suryanarayana	All CSE Students
7.	28.12.2015	Soft Skills	Guest Lecture	Mr Chaitanaya Vaddi	IV CSE Students
8.	29.12.2015	Enterprise Applications	Guest Lecture	Mr Sri Charan	IV CSE Students

33. Teaching methods adopted to improve student learning
   - ✓ **Lecture method:** Teaching through lectures by using black board as well as LCD projectors. **Interactive method:** Teaching through conducting debates on the topics related to the subject handling.
   - ✓ **Computer assisted learning:** Quizzes are conducted.
   - ✓ **Experimental learning**: The students are trained to do

programming through lab experiments.

✓ **Seminars:** The students are encouraged to take Technical seminar, which is used to improve the presentation skills of the students.

✓ Students are encouraged to make use of e-books and relevant online tutorials.

✓ Conducting tests daily/weekly on one subject helps the student in academic progress.

✓ Providing Supplementary-learning materials for better understanding.

✓ Learning through NPTEL videos

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

✓ Students enrolled in NSS As part of NSS activities, As part of NSS activities, Social service Programmes were conducted

✓ With NSS volunteers blood donation camps also organized.

✓ The entire college was participated in Swachh Bharath program in pottipadu village

35. SWOC analysis of the department and Future plans

STRENGTHS:

1. MICROSOFT Ed-Vantage Platinum Campus
2. Department offers both B. Tech & M. Tech Programmes
3. Good Infrastructure Facilities & Well Equipped Laboratories
4. Established Student Forums like IEEE
5. Managing Capability for Conducting Workshops and Faculty Development Programs
6. Well Stocked Departmental Library
7. Well qualified and experienced faculty
8. Healthy student teacher ratio(STR)
9. High success rate
10. A strong focus on quality teaching with a faculty that excels in teaching students at all levels
11. Student interest in department programs is very strong and growing across all programs
12. Faculties are up to date with the current technologies by attending workshops and seminars and FDPs

WEAKNESSES:

1. Need to get industry interaction consultancy projects

2. Need to get research projects

OPPORTUNITIES

1. The students have become more demanding.

2. Leader in providing quality engineering education clubbed with placements

3. Industry oriented training

4. Developing interdisciplinary and integrated learning

5. An opportunity to interact with eminent personalities

6. Scope for more student placements

7. To develop projects for corporate and academia

CHALLENGES

1. To provide high quality technical education to the students and improving their skills through ICT based teaching having process so that their employability is enhanced

2. Recruiting highly research oriented faculty

FUTURE PLANS

1. Imparting training programs related to new technologies

2. To improve research and development activities in the department by inducting people with research background and getting grants from industries and various funding agencies

Evaluative Report of the Department of Electrical and Electronics Engineering

1. Name of the department- **Electrical and Electronics Engineering**

2. Year of Establishment - **2008**

3. Names of Programmes / Courses offered (UG) - **UG (Electrical and Electronics Engineering)**

4. Names of Interdisciplinary courses and the departments/units involved - **nil**

5. Annual/ semester/choice based credit system (programme wise) - **semester wise**

6. Participation of the department in the courses offered by other departments

    *   Electrical Technology to B-Tech ECE
    *   EEE to B-Tech Civil and mechanical
    *   Control system to B-Tech ECE

7. Courses in collaboration with other universities, industries, foreign institutions, etc. -
    IEEE Student Chapter Established in 2012

8. Details of courses/programmes discontinued (if any) with reasons- **nil**

9. Number of Teaching posts

	Sanctioned	Filled
Professors	1	1
Associate Professors	2	2
Asst. Professors	9	9

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. T.Parthimar Kalaignan	Ph. D.	Professor	Power Electronics	10 Years	
Mr K Naresh	M Tech	Asst Prof	Control Systems	6 Years	
Mr M Rambabu	M Tech	Asst Prof	Power Industrial Drives	7 Years	
Mr A Balaji	M Tech	Asst Prof	Advanced Power Systems	2 Years	
Mr B Eswaraiah	M Tech	Asst Prof	Power Systems Engineering	26 Years	
Mr BP Ranga Raja	M Tech	Asst Prof	Power Systems Engineering	1 Year	
Ms T Suhasini	M Tech	Asst Prof	Power Electronics	2 Years	
Ms K Lalitha Rani	M Tech	Asst Prof	Power Electronics and Drives	6 Months	
Mr KRNV Subba Rao	M Tech	Asst Prof	Power Electronics	1 Year	
Mr S Trinadh	M Tech	Asst Prof	Power Systems	1 Year	
Mr SS Kanvarsh	M Tech	Asst Prof	Power Electronics	1 Year	
Mr G Ganesh	M Tech	Asst Prof	Power Systems Automation	1 Year	
Ms K Jyothi Sri	M Tech	Asst Prof	Power	1 Year	

			Electronics		
Mr G Naga Raju	M Tech	Asst Prof	Power Electronics	1 Year	
Mr B Satyanarayana	M Tech	Asst Prof	Power Electronics	1 Year	

11. List of senior visiting faculty

P.L.V. Narsimham	HOD, EEE, V.R. Siddartha Engg Coll
K.S. Srikanth	K.L. University

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty - **0 %**

13. Student -Teacher Ratio (programme wise) **1:15**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Technical & Administrative Staff	Sanctioned	Filled
	15	15

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	0	0	0	0	0	0	
Ph.D.	1	0	0	0	0	0	1
M.Phil.	0	0	0	0	0	0	
PG	0	0	2	0	7	2	11

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received - **1 (ONE)**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received - **DST**

18. Research Centre /facility recognized by the University - NILL

19. Publications:
    * a) Publication per faculty - 6
        * Number of papers published in peer reviewed journals (national/ international) by faculty and students - 6
        * 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.) - 3
        * Monographs - NIL

        * Chapter in Books - NIL
        * Books Edited - NIL
        * Books with ISBN/ISSN numbers with details of publishers - NILL
        * Citation Index -NIL
        * SNIP -NIL
        * SJR - NIL
        * Impact factor - NIL
        * h-index - NIL

20. Areas of consultancy and income generated - NILL

21. Faculty as members in
    a) National committees- **ONE (NPTEL)**
    b) International Committees
    c) Editorial Boards…. - NILL

22. Student projects

    a) Percentage of students who have done in-house projects including inter departmental/programme - **30%**

    b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies - 80%

23. Awards / Recognitions received by faculty and students

| Poli Naidu | Gold Medal In State Student Olympics |
| Poli Naidu | Gold Medal In National Student Olympics |

24. List of eminent academicians and scientists / visitors to the department

Sl. No	Name of Expert	Designation and office	Area of specialization	Date of Visit
1.	Dr.S. Durga Prasad	Senior Engineer, IOCL, Assam	Gas Power Plants	07-08-2012
2.	Mr.M. Manigandhan	Associate Prof, GITAM University, Hyd	Simulation of Power Converters using SIMULINK	14-07-2012
3.	Sri M.K.Dev,	ADE,APTRANSCO,chair,IE EEE, IEEE vizag Bay Subsection.	Power systems Maintainance and SCADA	14-07-2012
4.	Dr.Mithun Bhaskar,	Secretary, IAS/PES IEEE Hyderabad section, Prof & Head, Dept of Mathematics, JNTU Kakinada	MATLAB	03-03-2012
5.	Dr.D.V.S.S. Siva Sarma,,	Proffessor, NITW	Aplications of Power Electronics	14-07-2012
6.	Dr.D. Raja Gopal .	Professor, BVRIT	Power Electronics	14-07-2012
7.	Dr.P.Ramana Rao ,	Profeesor, ANU	Power Systems	14-07-2012
8.	Dr.Ch.R.K. Sastry	DE, ABBB Sweden	Electrical Machines & Power Semi conductor Drives	15-07-2012
9.	Dr.S. Lakshmi Narayana	Secretary, IEEE Vizag Bay Sub section	MATLAB	14-07-2012
10.	Mr.Rajesh	PLC trainer in Hanuman Automations, Bangalore	Guest lecture on PLC	02-02-2013
11.	Mr. Satyanarayana	Divisional engineer in Dr.NTTPS, Ibrahimpatnam	Guest lecture on Thermal power plant	22-03-2013
12.	DR.K.S.Srikanth	Professor, KLU	Guest lecture on Control system engg	03-07-2013
13.	Mr.SK.Sharief	Assoc Prof. Vignan University	Power System protection	12-08-2013
14.	MR. Loveswara Rao Burthi	Assoc. Proffesor, KLU	Electrical Machines	18-03-2014
15.	Mr.V.Kranthi Kumar	HoD, Swarnandhra College of Engg	EMF	06-11-2014
16.	MR. Dokuparthy Narasimha Rao	Assoc. Proffesor, KLU	Electrical Machine Design	24-10-2014

Sl. No	Name of Expert	Designation and office	Area of specialization	Date of Visit
17.	Mr.Joshi Manohar	HoD, GEC	Power Electronics & Drives	14-08-2014
18.	Mr.Rajesh	Sr,Engineer,Hanuman Automationss,Bangalore	PLC SCADA	18-12-2015
19.	MR. Raj Das Gupta,	Country Head ORACLE, IndiA.	ORACLE Day WDP InauguraL PrograM	05.02.2015
20.	MR. Anil Sunkara	Film ProduceR and Film Director	yoUR FEST 2K15	14.02.2015
21.	Mr. KumaL Dureja	Country Manager, IBM Career Education.	IBM Career Education	26.02.2015
22.	MR. Sheethal Soni.	IBM CareeR EducatioN	IBM Career Education	26.02.2015
23.	MR. Narayana V. Prasad .	TECHNICAL Officers,IBM CareeR Education	IBM Career Education	26.02.2015
24.	MR. Jameel Reddy	Chief Engineer, All India Radio Vijayawada.	AIR,VZA	11.02.2015
25.	Mr. Yarlagadda Prasad,	Vice president, information Technologies, USA	Sikshana Program	13.06.2015
26.	Mr. P.V.R. Narasimaham	HoD EEE VR Siddhartha eng.college vijayawada	IEEE workshop (wsdiap 2015) by EEE department	17.07.2015
27.	Mr. Abhishek Mohanthi,	Asst. Commissioner of Police (East Zone), Vijayawada.	Anti Ragging	10.08.2015
28.	Dr.P.Udaybhaskar,	Director, Academics & Planning, JNTUK kakinada.	Workshop on Advanced Structural Analysis using Staddpro by Civil Engg Dept	21.08.2015 & 22.08.2015
29.	MR. Devineni Uma Maheswara rao	Minister for Irrigation, Govt. of AP.	Inauguration of Tata Technologies Centre for Competence	24.08.2015
30.	MR. Vallabhaveni Vamsi Mohan,.	MLA Gannavaram	Inauguration of Tata Technologies Centre for Competence	10.08.2015
31.	Guest of honour MR. Wishwas Julka	Global Vice President, Tata Technologies Ltd.	Inauguration of Tata Technologies Centre for Competence	21.08.2015 & 22.08.2015
32.	Prof. A.K. Pandey	Professor,IIT Hyderabad	One Day National Workshop on Micro Electro Mechanical Systems (MEMS) 2015 by Mechanical Engg Dept	03.09.2015

Sl. No	Name of Expert	Designation and office	Area of specialization	Date of Visit
33.	Prof. V. Srinivasulu.	Professor, Dept. of Civil, Jntu Kakinada.	CE Engineering.	15.9.2015
34.	Prof. G. Viswanath Kumar	Professor, Dept. of Civil, Andhra University.	CE Engineering.	15.9.2015
35.	Ms. Vishalatchi , Mr. Jayen Thakker	Trainer from IBM Software Labs	IBM Training program for EEE; ECE; CSE; IT branches on html 5, java script, dojo mobile and business intelligence using IBM COGNOS	22.09.2015 to 25.09.2015
36.	Mr. R. Mallarswamy	Trainer from IBM Software Labs	IBM Training program for CSE; IT; ECM branches on big data & analytics	27.09.2015 to 30.09.2015
37.	Mrs. (Dr) V. Radhika Reddy	Professor of Psychiatry Siddardha Medical College.	Inauguration of Women Empowerment & Grievance Cell (WEGC)	30.09.2015
38.	Brahmakumari Ratnakumari & Brahmakumari Ratnakumari		Seminar on Stress Management & Happy Living by BRahma Kumaris	06.10.2015
39.	K. Suryanarayana	Sr. Consultant tcs.	Industry and Academia Interation with Tata Consultancy Services (tcs)	13.10.2015

25. Seminars/ Conferences/Workshops organized & the source of funding
   a)   National

IVSDIAP	IEEE Workshop
APPEM-2012	IEEE Workshop

   b)   International - NILL

26.   Student profile programme/course wise:

| Name of the Course/programme | Applications received | Selected | Enrolled | | Pass percentage |
			*M	*F	
EEE	46	46	37	9	Wating for results

*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
EEE	100%	NIL	NIL

28.   How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? - **TWO(2) IN GATE**

29.   Student progression

Student progression	Against % enrolled
UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed • Campus selection • Other than campus recruitment	24
Entrepreneurship/Self-employment	NIL

30. Details of Infrastructural facilities
    a) Library - **YES**
    b) Internet facilities for Staff & Students **-** YES
    c) Class rooms with ICT facility-**YES**
    d) Laboratories - **6**

31. Number of students receiving financial assistance from college, university, government or other agencies - **115**

S. No.	Event	Department Conducted	Resource Person	Participants	Year
1.	yoURfest2K16, Project Expo	B.Tech (EEE)	--	All the EEE students of URCET and other colleges	2016
2.	Skill Development Training on PLC SCADA	B.Tech (EEE)	Mr.Rajesh,Sr,Engineer, Hanuman Automationss, Bangalore	B.Tech III & IV EEE Students-URCET	2015
3.	National Workshop on IVSDIAP	B.Tech (EEE)	Dr.P.V.R.L.Narasimham, Hod,EEE, PVPSIT ,Vijayawada	All EEE students & Porfessionals of all colleges & Institutes	2015
4.	yoURfest2K15 Project Expo	B.Tech (EEE)	--	B.Tech EEE	2015
5.	Power Semi Conductor Drives	B.Tech (EEE)	DR.K.S.Srikanth,Assoc Professor,KLU	III & Iv B.Tech EEE students	2015
6.	Power System Analysis	JNTUK-CoEeRD	Dr.K.V.S.Rama Chandra Murthy	III B.Tech EEE	2015
7.	Engineering Mechanics Introduction	JNTUK-CoEeRD	Dr.Ravi Kadiyala,Principal, DIET	I & II B.Tech	2015
8.	Equilibrium of systems of forces	JNTUK-CoEeRD	Dr.Ravi Kadiyala,Principal, DIET	I & II B.Tech	2015
9.	Success in Life	JNTUK-CoEeRD	Dr.Karri Rama Reddy,M.B.B.S,M.D,MBA,M.Tech	All B.Tech Students	2015
10.	yoURfest2K14, Paper Presentations	B.Tech (EEE)	--	All EEE students of all branches	2014
11.	yoURfest2K14, Project Expo	B.Tech (EEE)	--	All EEE students of all colleges	2014
12.	yoURfest2K14, Technical Quiz	B.Tech (EEE)	--	All EEE students of all colleges	2014
13.	Electrical Machines		MR. Loveswara Rao Burthi	All II & III B.Tech EEE Students	2014

S. No.	Event	Department Conducted	Resource Person	Participants	Year
14.	EMF		Mr.V.Kranthi Kumar	All II B.Tech EEE Students	2014
15.	Electrical Machine Design		MR. Dokuparthy Narasimha Rao	All III B.Tech EEE Students	2014
16.	Power Electronics & Drives		Mr.Joshi Manohar	All III & IV B.Tech EEE Students	2014
17.	Campus to Corporate	JNTUK-CoEeRD	Dr.S.V.Raman Murthy, Dean R&D Pragati Engg College	All the Students of B.Tech and Faculty	2014
18.	"Awareness in Computer Architecture	JNTUK-CoEeRD	Dr.S.V.N.Narayana Rao, Section Manager, HP India S/W Operations Ltd.	All the Students of B.tech and Faculty	2014
19.	Advances in Memory Sub System	JNTUK-CoEeRD	Dr.S.V.N.Narayana Rao, Section Manager, HP India S/W Operations Ltd.	All the Students of 1 B.tech and Faculty	2014
20.	Network Analysis	JNTUK-CoEeRD	Mr. K,.Naresh Rao,Director GATE/IES PSO	II,III & IV EEE students	2014
21.	Critical Thinking & Decision Making	JNTUK-CoEeRD	Sri.S.Ajay Chandra, Director, E-Mentor	I& II B.Tech Students	2014
22.	Team Work	JNTUK-CoEeRD	Sri.S.Ajay Chandra, Director, E-Mentor	I& II B.Tech Students	2014
23.	Emotional Intelligence	JNTUK-CoEeRD	Sri.S.Ajay Chandra, Director, E-Mentor	I& II B.Tech Students	2014
24.	yoURfest2K13, Paper Presentations	B.Tech (EEE)	--	All the EEE students of URCET and other colleges	2013
25.	yoURfest2K13, Project Expo	B.Tech (EEE)	--	All the EEE students of URCET and other colleges	2013
26.	yoURfest2K13, Technical Quiz	B.Tech (EEE)	--	All the EEE students of URCET and other colleges	2013
27.	Guest lecture on Control system engg	B.Tech (EEE)	DR.K.S.Srikanth	II & III year EEE students	2013

S. No.	Event	Department Conducted	Resource Person	Participants	Year
28.	Guest Lecture on SCADA	B.Tech (EEE)	Mr.Rajesh, Sr,Engineer, Hanuman Automations, Bangalore	III & IV.EEE students	2013
29.	Guest lecture on Gas Power Plants	B.Tech (EEE)	Er.S. Durga Prasad, Sr.Engineer, IOCL, Assam.	II & III year students	2013
30.	yOURfest2K12, Project Expo	B.Tech (EEE)	--	All the EEE students of URCET and other colleges	2013
31.	Guest lecture on Power System protection	BTech (EEE)	Mr.SK. Sharief, Assoc Prof, Vignan University.	III & IV EEE Students	2013
32.	yOURfest2K12 ,Project Expo	B.Tech (EEE)	--	All the EEE students of URCET and other colleges	2013
33.	Gas based Power Palnts	B.Tech(EEE)	Er.S. Durga Prasad, Sr.Engineer, IOCL, Assam.	All the II B.Tech EEE Students	2012
34.	Simulation of Power Converters using SIMULINK	B.Tech(EEE)	Mr.M. Manigandhan, Associate Prof, GITAM University,Hyd	III & IV year EEE students of URCET	2012
35.	IEEE student branch Inauguration & lecture on Power systems Maintainance and SCADA	B.Tech(EEE)	Sri M.K.Dev, ADE, APTRANSCO, Chair IEEE, IEEE vizag Bay Subsection.	III & IV B.Tech students of EEE-URCET	2012
36.	National Workshop on Introduction to MATLAB	B.Tech(EEE)	Dr.Mithun Bhaskar,Secretary,I AS/PES IEEE Hyderabad section, Prof&Head, Dept of Mathematics, JNTU Kakinada	All the EEE Faculty Members and students of URCET and other colleges	2012

S. No.	Event	Department Conducted	Resource Person	Participants	Year
37.	Application of Powert Electronics in Power Systems and Electrical Machines APPEM-2012	B.Tech(EEE)	Dr.D.V.S.S.Siva Sarma, Proffessor,NITW, Dr.D.Raja Gopal Professor, BVRIT Dr.P.Ramana Rao, Profeesor, ANU Er.Ch.R.K.Sastry, DE, ABBB Sweden Dr.S.Lakshmi Narayana, Secretary, IEEE Vizag Bay Sub section.	All the faculty and Students of EEE from all colleges	2012
38.	yoURfest2K12 Project Expo	B.Tech (EEE)	--	All the EEE students of URCET and other colleges	2012

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts

As mentioned above

33. Teaching methods adopted to improve student learning

Faculty are encouraged to use LCD for delivering the lectures. Department is encouraging the students to visit the industries once in a semester. All the students are encouraged to learn through e-content available in **JNTUK COE-ERD** portal.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

A) Conducting NSS camps every year
b) Conducting Blood donation camps
c) Conducting "Swatch Bharath"
d) Conducting Rallies on several social issues

35. SWOC analysis of the department and Future plans

• EEE Department is emerging in present society   • II B Tech EE Engineering Student has secured GOLD MEDAL IN SPORTS   • Department has outstanding faculty(staff qualified from IITs).   • Department has well equipped laboratories, E-Class room, Internet, Library facilities.   • Ever green with lot of opportunities.

• Few ELECTRICAL industries are available in AP; hence most of our students providing their services to the state of AP.

Opportunities:

- The college has provided the "Product Innovation and Development (PID) centre through which the students can improve their skills and moreover they can be trained up according to the requirement of the industries.
- The College is training the students in Sports by qualified Physical Director, so they can participate in University and national level sports & games, this helps to the students to get opportunities in various fields on sports quota.

Challenges:

- The college is located 2 km away from different Village; the students who are joining in the college are mostly from rural background.

Future plans:

- Department is planning to have interaction with the outside industries for rising the fund.
- Department is planning to provide placements in core companies.
- Department is planning to organize International conference

Evaluative Report of the Mechanical Engineering Department

1. Name of the department: **Mechanical Engineering**

2. Year of Establishment: 2010

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):
    B.Tech Mechanical engineering
    M.Tech Machine Design.

4. Names of Interdisciplinary courses and the departments/units involved:
    *   Basic Electrical and Electronics Engineering.
    *   Managerial economics and Financial Analysis.
    *   Interactive Computer graphics.

5. Annual/ semester/choice based credit system (programme wise):
    B.Tech Semester wise & M.Tech Semester wise

6. Participation of the department in the courses offered by other departments:

    *   FMHM to B.Tech CIVIL Engineering and EEE
    *   Engineering Drawing to ALL B.Tech CSE/ECE/CIVIL/EEE/IT
    *   Engineering mechanics to CSE/ECE/CIVIL/EEE/IT

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

	Sanctioned	Filled
Professors	3	3
Associate Professors	2	2
Asst. Professors	23	23

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr L Rasidhar	Ph. D.	Professor	PE	8 Years	
Dr S Madhusudan	Ph. D.	Professor	Production	18 Years	-
Dr R Bhargavi	Ph. D.	Professor	CAD/CAM	10 Years	-
Mr D Muralikrishna	M. E.	Associate Prof	Production	23 Years	-
Mr GR Sanjay Krishna	M Tech	Associate Prof	IE	16 Years	-
Mr V Ravinder	M Tech	Asst Prof	Machine Design	1 Year	-
Mr G Harish	M Tech	Asst Prof	TE	1 Year	-
Mr K Sasi Kumar	M Tech	Asst Prof	Machine Design	1 Year	-
Ms K Raga Nitya	M Tech	Asst Prof	Thermal	3 Years	-
Mr M Srinivasulu	M Tech	Asst Prof	Thermal	1 Year	-
Mr N Karteek	M Tech	Asst Prof	CAD/CAM	1 Year	-
Mr R Santosh Kumar	M Tech	Asst Prof	TE	1 Year	-
Mr K Srinivasa Rao	M Tech	Asst Prof	TE	9 Years	-
Mr P Lakshminarayana	M Tech	Asst Prof	MD	1 Year	-
Mr P Madhava	M Tech	Asst Prof	MD	1 Year	-

Naidu					
Mr GVS Prasada Reddy	M Tech	Asst Prof	CAD/CAM	1 Year	-
Mr Ch Venkata Krishna	M Tech	Asst Prof	MD	1 Year	-
Ms M Syamala Devi	M Tech	Asst Prof	MD	1 Year	-
Ms P Beulah Mani	M Tech	Asst Prof	CAD/CAM	1 Year	-
Mr N Siva Krishna	M Tech	Asst Prof	MD	1 Year	-
Ms K Santhi	M Tech	Asst Prof	CAD/CAM	4 Years	-
Mr R Ravindranadh	M Tech	Asst Prof	TE	3 Years	-
Mr K Nagamanendra Rao	M Tech	Asst Prof	MD	1 Year	-
Ms G Srujana	M Tech	Asst Prof	CAD/CAM	1 Year	-
Ms T L Lavanya	M Tech	Asst Prof	CAD/CAM	2 Years	-

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 0%

13. Student -Teacher Ratio (programme wise): B.Tech- 1:15

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							

Ph.D.	2	1	2	0	17	6	28

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

9.   Publications: 7

   * a) Publication per faculty: 0.3
   * Number of papers published in peer reviewed journals (national/ international) by faculty and students: 3
   * 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: Nil
   * Chapter in Books: Nil
   * Books Edited: Nil
   * Books with ISBN/ISSN numbers with details of publishers: Nil
   * Citation Index: 1
   * SNIP: Nil
   * SJR: Nil
   * Impact factor: out of 7 papers 3 papers have impact factor
   * h-index:

20.   Areas of consultancy and income generated: Nil

21.   Faculty as members in: Nil

   a) National committees b) International Committees c) Editorial Boards

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:

23.   Awards / Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists / visitors to the department:

S.No	Visiting Faculty	University
1	Dr. A.K.Pandey	Asst. Professor – IIIT Hyderabad
2	Dr. V.L Krishnan	Professor, K L University
3	Mr. K.L.Narayana	Assoc. Professor, K L University
4	Dr. A.G.Thakur	Vice-Principal, SRES college of Engg Kopargam
5	Dr.N.Ramanaiah	Professor, Andhra University Vizag

25. Seminars/ Conferences/Workshops organized & the source of funding
    a) National

Sl. No.	Name of Expert	Workshop Area of specialization	Date
1	Dr.A.K.Pandey	Micro Electromechanical Systems	3-9-2015
2	Dr.N.Ramanaiah	Materials & Characterisation	2-9-2014
3	Dr. A.G.Thakur	CAD/CAM	14-12-13

   b) International: Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M	Enrolled *F	Pass percentage
B.Tech	115	115	113	02	Awaiting for result
M.Tech	04	04	04	0	Awaiting for result

   *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.: 2

29. Student progression

Student progression	Against % enrolled
UG to PG	11
PG to Ph.D.	0
Ph.D. to Post-Doctoral	0
Employed ● Campus selection ● Other than campus recruitment	54 26
Entrepreneurship/Self-employment	10

30. Details of Infrastructural facilities
   a) Library
   b) Internet facilities for Staff & Students
   c) Class rooms with ICT facility
   d) Laboratories

31. Number of students receiving financial assistance from college, university, government or other agencies

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts.

S.No	Date	Name of the Resource person	Topics covered
1.	3-9-2015	Dr.A.K.Pandey	MEMS
2.	27-01-2016	Dr V L krishnan	Robotic medical applications
3.	26-3-2015	Dr.S.Rajesh,	Composites & advanced materials
4.	2-9-2014	Dr.N.Ramanaiah	Materials & Characterisation

5.	3-12-2014	Mr. G L Narayana	Alternate Fuels

33. Teaching methods adopted to improve student learning:

Faculty are encouraged to use LCD for delivering the lectures. Department is encouraging the students to visit the industries once in a semester. All the students are encouraged to learn through e-content available in JNTUK coe-erd portal. Students and faculty are encouraged to use Globarena to interact with the Subject experts.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

   a) Conducting NSS camps every year
   b) Conducting Blood donation camps
   c) Conducting "Swatch Bharath"
   d) Conducting Rallies on several social issues

35. SWOC analysis of the department and Future plans

▪ Mechanical Department is emerging in present society ▪ Department has outstanding faculty, staff. ▪ Department has well equipped laboratories, E-Class room, Internet, Library facilities. ▪ Ever green with lot of opportunities.	▪ Few Mechanical industries are available in AP; hence most of our students providing their services off the state of AP.

Opportunities:

- The college has provided the "Product Innovation and Development (PID) centre through which the students can improve their skills and moreover they can be trained up according to the requirement of the industries.
- The College is training the students in Sports by qualified Physical Director, so they can participate in University and national level sports & games, this helps to the students to get opportunities in various fields on sports quota.

<u>Challenges:</u>

- The college is located 2 km away from Telaprolu Village; the students who are joining in the college are mostly from rural background.
- Only the college bus facility is available for long distance and for local students, there is no direct city bus facility to the college.

Future plans: Department is planning to
- Facilitate research centre to promote the research.
- Have interaction with the outside industries for rising the fund.
- Provide placements in core companies.
- Organize two industrial visits per semester
- Organize national conference at once in a semester.

Evaluative Report of the Civil Engineering Department

1. Name of the department: **CIVIL ENGINEERING**

2. Year of Establishment: **2010**

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
    UG: B.Tech Civil Enginerring
    PG: M.Tech Structural Engineering

4. Names of Interdisciplinary courses and the departments/units involved:
    Nil

5. Annual/ semester/choice based credit system (programme wise):
    Under Graduation (B.Tech) – **Semester Wise**
    Post Graduation (M.Tech) – **Semester Wise**

6. Participation of the department in the courses offered by other departments
    - FMHM to B.Tech CIVIL Engineering and EEE
    - Engineering Drawing to B.Tech CSE/ECE/CIVIL/EEE/IT
    - Engineering mechanics to CSE/ECE/CIVIL/EEE/IT

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

Designations	Sanctioned	Filled
Professors	2	2
Associate Professors	4	4
Asst. Professors	20	20

10.   Faculty profile with name, qualification, designation, specialization,
        (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr J Victor Babu	Ph. D.	Professor	EE	10 Years	
Dr JS Prasad	Ph. D.	Professor	SE	22 Years	
Mr K Sundara Kumar	M Tech	Associate Prof	EE	18 Years	
Mr V Srinivasa Rao	M Tech	Associate Prof	WRE	22 Years	
Mr G Anantha Ramulu	M Tech	Associate Prof	SE	30 Years	
Mr KV Sivakumar Babu	M Tech	Associate Prof	GI&ST	23 Years	
Mr K Jaganmohan Reddy	M Tech	Asst Prof	HE	1 Year	
Mr M Vinod Kumar	M Tech	Asst Prof	SE	1 Year	
Mr K Jagadish	M Tech	Asst Prof	SE	1 Year	
Mr P Ravi Kumar Teja	M Tech	Asst Prof	GTE	1 Year	
Ms P Prudhvija	M Tech	Asst Prof	SE	2 Years	
Mr V Mohana Krishna	M Tech	Asst Prof	SE	1 Year	
Mr K Lokesh	M Tech	Asst Prof	SE	2 Years	
Mr P Karunakar	M Tech	Asst Prof	SE	2 Years	

Mr S Bhanu Prakash	M Tech	Asst Prof	SE	2 Years	
Mr MC Sekhar	M Tech	Asst Prof	SE	1 Year	
Mr K Krishna Kumar	M Tech	Asst Prof	TE	4 Years	
Mr M Ravi Teja	M Tech	Asst Prof	SE	1 Year	
Mr D Bala Kotaiah	M Tech	Asst Prof	CM	1 Year	
Mr B Raja Mohan Reddy	M Tech	Asst Prof	SE	2 Years	
Mr M Anil Kumar	M Tech	Asst Prof	TE	2 Years	
Ms J Seetunya	M Tech	Asst Prof	HE	2 Years	
Ms K Parvathi	M Tech	Asst Prof	SE	3 Months	
Ms GL Sirisha	M Tech	Asst Prof	SE	3 Months	

11. List of senior visiting faculty: **Nil**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **0%**

13. Student -Teacher Ratio (programme wise): **1:15**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : NIL

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. 2015-16

Highest qualification	Professor		Associate Professor		Assistant Professor		Lecturers		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
Permanent Teachers									
D.Sc. / D.Litt	0	0	0	0	0	0	0	0	0

Highest qualification	Professor		Associate Professor		Assistant Professor		Lecturers		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
Ph.D.	2	0	0	0	0	0	0	0	2
M.Phil	0	0	0	0	0	0	0	0	0
PG	0	0	4	0	16	4	0	0	26

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: **09**
    * a) Publication per faculty: 0.34
    * Number of papers published in peer reviewed journals (national/ international) by faculty and students : 09
    * 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.: 01
    * 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: Material Testing, Building Estimation :NIL

21. Faculty as members in
    a) National committees: Nil
    b) International Committees: Nil
    c) Editorial: Nil

22. Student project
   a) Percentage of students who have done in-house projects including inter departmental/programme: : **0%**
   b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : 5**0%**

23. Awards / Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists / visitors to the department :

S.No	Visiting Faculty	University
1	Dr.P.Udaya Bhaskar,.	Director, Academic & Planning, JNTUK Kakinada.
2	K. Suryanarayana	Industry and Academia interation with Tata Consultancy Services (TCS)
3	PROF. V. Srinivasulu	Dept. Of Civil Engg, JNTU Kakinada.

25. Seminars/ Conferences/Workshops organized & the source of funding
   a) National

s.no	name of the programme	date	resourse person
1	A Two Day Workshop on **Total Station**& it's applications	29th& 30th Jan-2016	G.Bogaigh naidu (asst.prof) VR.Siddartha College
2	A Two Day Workshop on Advanced Structural Analysis Using **STAAD PRO**	21st& 22nd Aug-2015	M.Anjaneyulu Naidu (Director of CAD Centre)
3	Two Days Training Programme on **Geospatial Analysis** using **IDRIST-SELVA**	26th& 27nd December-2014	A.K. Das DATACODE
4	One Day Workshop On **Bridge EngineerinG**	25th JUNE- 2013	Bhagavan Raj,Gammon-Simplex Infra
5	Two Day WorkshoP On **GIS Applicatations** In Civil Engineering	11th& 12thNOV-2013	K.Srinivas Technosoft Solutions, Vizag

b) International : NIL

26.   Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B Tech CIVIL ENGG	66	66	53	13	Awaiting for Result
M.Tech Structural Engg	31	31	29	2	Awaiting for Result

  *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 CIVIL ENGG	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.	Competetive Examination	Year	Person
1	GATE	2015	1

29.   Student progression

Student progression	Against % enrolled
UG to PG	10
PG to M.Phil.	N/A
PG to Ph.D.	N/A
Ph.D. to Post-Doctoral	N/A

Employed	12
• Campus selection	
• Other than campus recruitment	
Entrepreneurship/Self-employment	N/A

30. Details of Infrastructural facilities
    a) Library: YES
    b) Internet facilities for Staff & Students: YES
    c) Class rooms with ICT facility: Yes (1 E-Class room)
    d) Laboratories

S.NO	NAME OF THE LAB
1	Geotechnical EngineerinG
2	Transportation Engineering
3.	Auto-CAD Lab
4	GIS & STAAD Lab
5	Surveying Lab
6	Fluid Mechanics And Hydraulic Machinery
7	Geology Lab
8	Waste&Waste Water Engineering Lab
9	Concrete Technology
10	Workshop

31. Number of students receiving financial assistance from college, university,

    Government or other agencies:
    2015-239
    2104-179
    2013-28

32. Details on student enrichment programme's (special lectures/workshops/ seminar) with external experts

Year	Department	Program conducted detail	Beneficiary	Program conducted by
		A Two Day Workshop On **Total**	Students	

Year	Department	Program conducted detail	Beneficiary	Program conducted by
2015-16	CIVIL Engg	**Station**& It's Applications A Two Day		Civil Engg
		Workshop On Advanced Structural Analysis Using **Staad Pro**	Students & faculty	A-CADD Centre Mumbai
2014-15	Civil Engg	Two Days Training Programme On **Geospatial Analysis** Using **Idrist-Selva**	Third year and Final year students (Lateral Entry students)	DATACODE
2013-14	Civil Engg	One Day Workshop On **Bridge Engineering**	Students	GammoN-SimpleX Infra
		Two Day Workshop On **GIS Applicatations** In Civil Engineering	Students	TechnosofT Solutions, Vizag

S. No.	Event	Department Conducted	Resource Person	Participants	Year
1.	Guest Lecture on earthquake design	CIVIL	Dr R Ravi Prasad NIT Warangal	B.Tech 2nd year Students	2013
2.	Guest Lecture on soil mechanics	CIVIL	Dr Krishna Murthy VRSiddhardha	B.Tech 3rd and 4th year students	2013
3.	Guest Lecture on hydraulic machinery's	CIVIL	DR G venkata Rao GMRIT	III&IVbtech students	2014
4.	Guest Lecture on Steel Structures	CIVIL	Dr K sai ram RVR& JC	III&IVbtech students	2014
5.	Guest Lecture on Soil Foundations	CIVIL	Dr M Rama Rao RVR& JC	Civil Students	2014
6.	Guest Lecture on Micro Simulations on traffic volume	CIVIL	Dr K V Ravishankar NIT WARANGAL	civil Students	2014

S. No.	Event	Department Conducted	Resource Person	Participants	Year
7.	Guest Lecture on irrigation structures	CIVIL	P Pandu Ranga Rao VRSiddardha	All the Students of 2 B.tech and Faculty	2015
8.	Guest Lecture on water resource system management	CIVIL	Dr V Srinivaslu JNTUK	All the faculty members in the civil	2015
9.	Faculty development program	CIVIL	From Training and placement department on English skills	All the faculty members in the civil	2016
10.	Faculty development program	CIVIL	From Training and placement department on software skills	All the faculty members in the civil	2015
11.	Faculty development program	CIVIL	From Training and placement department MS office skills	All the faculty members in the civil	2014

33.   Teaching methods adopted to improve student learning

Faculty is encouraged to use LCD for delivering the lectures. Department is encouraging the students to visit the industries once in a semester. All the students are encouraged to learn through e-content available in JNTUK co-ed portal.

34.   Participation in Institutional Social Responsibility (ISR) and Extension activities
a)   Conducting NSS camps every year
b)   Conducting Blood donation camps
c)   Conducting "Swatch Bharath"
d)   Conducting Rallies on several social issues

35.   SWOC analysis of the department and Future plans

▪ Civil engg Department is emerging in present society ▪ Department has outstanding faculty, staff. ▪ Department has well equipped laboratories, E-Class room,	▪ Institution Situated in connecting to National highway. ▪ Many civil engineering industries are available in AP; hence most of our students providing their services off the state of AP.

Internet, Library facilities. ▪ Ever green with lot of opportunities. ▪ Govt job opportuniutes for civil students	▪ Gate classes also conducted to the students of final year

Opportunities:

- The college has provided the "Special Team centre through which the students can improve their skills and moreover they can be trained up according to the requirement of the industries.
- The College is training the students in Sports by qualified Physical Director, so they can participate in University and national level sports & games, this helps to the students to get opportunities in various fields on sports quota.

Challenges:

- The college is located 25 km away from Vijayawada city; the students who are joining in the college are mostly from city backround.
- The college bus facility as well as direct city bus facility is available for long distance and for local students.

Future plans:

Department is planning to introduce Skill enhancement programs to students and faculty, Consultancy works in Civil Engineering

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Evaluative Report of the Department of Information Technology

1. **Name of the department:** INFORMATION TECHNOLOGY

2. Year of Establishment: **2008**

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :
   UG :B.TECH (INFORMATION TECHNOLOGY)

5. Names of Interdisciplinary courses and the departments/units involved: NIL

6. Annual/ semester/choice based credit system (programme wise):
   SEMESTER

7. Participation of the department in the courses offered by other departments:
   C-PROGRAMMING, IT WORKSHOP
      (CSE/ECE/EEE/MECH/CIVIL)

8. Courses in collaboration with other universities, industries, foreign institutions, etc.:**NIL**

9. Details of courses/programmes discontinued (if any) with reasons:
   ONE ACADEMIC YEAR (2013-14) NO ADMISSIONS

9. Number of Teaching posts

	Sanctioned	**Filled**
Professors	01	01
Associate Professors	02	02
Asst. Professors	09	09

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10. Faculty profile **with** name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr KPNV Satya Sree	Ph. D.	Professor	CSE	8 Years	-
Mr YVVN Vara Prasad	M Tech	Associate Prof	CS	26 Years	-
Mr M Rajesh	M Tech	Associate Prof	CS	12 Years	-
Mr B Trivikrama Rao	M Tech	Asst Prof	CSE	9 Years	-
Ms R Durga Devi	M Tech	Asst Prof	CSE	1 Year	-
Ms Ch Niharika	M Tech	Asst Prof	CSE	1 Year	-
Mr P Satish Babu	M Tech	Asst Prof	SE	5 Years	-
Ms V Kalpana	MCA	Asst Prof	CA	5 Years	-
Mr U Sitharam	MCA	Asst Prof	CA	7 Years	-
Mr N Narendra	MCA	Asst Prof	CA	3 Years	-

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) **1:15**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled **15**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG:

12

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: 10

     * a) Publication per faculty : 0.9

     * Number of papers published in peer reviewed journals (national/ international) by faculty and students : 10

     * 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

     * Chapter in Books

     * Books Edited

     * Books with ISBN/ISSN numbers with details of publishers

     * Citation Index

     * SNIP

     * SJR

     * Impact factor

     * h-index

DEPARTMENT OF INFORMATION TECHNOLOGY

Paper Publications

S. No.	Name of the Author	Title of the Paper	Name of the Journal	ISBN/ISSN No	Month & Year of Publication	Page Nos.
1	Y V V N Vara Prasad Associate Professor	Select Multi-Keyword Ranked Search Over Encrypted Cloud Data	IJDCST V-3,I-5,SW-21	ISSN-2320-7884 (Online) ISSN-2321-0257 (Print)	June-July 2015	67-73
2	Y V V N Vara Prasad Associate Professor	A Novel System for Scalable Data Sharing in Cloud Storage Using Key-Aggregate	IJSEAT Vol 3,Issue 9	ISSN 2321-6905	September 2015	461-465
3	B.Trivikrama Rao Asst. Professor	Data Mining with Big Data Using HACE Theorem	IJSEAT Vol 3,Issue 9	ISSN 2321-6905	September 2015	415-420
4	M.Vijaya Raju Asst. Professor	A Novel Secured Retrieval Method for Ad Hoc Disruption- Tolerant Networks using CP-ABE Technique	IJRCSE	2321-5585	December 2015	3486-3491
5	M.Vijaya Raju Asst. Professor	Challenges and Issues of Data Security in Cloud Computing	IJSEAT	2321-6905	November 2015	878-882
6	M.Vijaya Raju Asst. Professor	Implementing HACE Theorem in Data Mining with Big Data	IJMECA	2320-6349	October 2015	331-336
7	M.Vijaya Raju Asst. Professor	Fuzzy Rule Based Architecture and Classification Technologies for Big Data Systems	IJCMI	0974-8652	July 2015	63204-63209
8	M.Vijaya Raju Asst. Professor	Cloud Data Security Challenges and its Sollutions	IJCCRE	2321-418X	September 2015	89-92
9	M.Vijaya Raju Asst. Professor	Enhanced Study on Big Data and Its Security	IJMCA	2320-6349	October 2015	337-342
10	M.Vijaya Raju Asst. Professor	A Study on Computer Vision Systems in Cloud Computing Environment with GIS	IJDCST	2321-0257	August 2015	131-138
11	M.Vijaya Raju Asst. Professor	A Guideline for Virtual Machine Migration Algorithm in Cloud Computing Environment	IJCCER	2321-4198	September 2015	93-97

T.Nagalakshmi, IT dept. published a paper on An overview of preprocessing on web log data for web usage analysis in IJITEE on mar-2013.

B.Lalitha Bhavani, IT dept. published a paper on Performance Evaluation matching algorithm for firewallsa in IJAC on Aug-2012.

A.Aruna, IT dept. published a paper on Authentication Group key Implementation protocol based secure sharinga in AJCSTT on may-2012.

M.Swapna, IT dept. published a paper on High utility mining algorithm for preprocessed web data in IJCTT on may-2012.

A.Ramakrishna, IT dept. published a paper on A hybrid routing protocol for wireless mesh Network in IJAEST.

T.SrinivasaRao, IT dept. published a paper on A smart intelligent way of PCA based scheme using wavelet transform in International conference organized at Lingaya university, Faridabad on Jan-2012.

20.   Areas of consultancy and income generated: NIL

21.   Faculty as members in

a) National committees b) International Committees c) Editorial Boards**…. 02**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **40%**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: **15%**

23. Awards / Recognitions received by faculty and students: **DATA MINING APP by Mr N. Jaya Krishna IV IT - eenadu news paper clipping on 23 Jan 2016 on page no 15**

24. List of eminent academicians and scientists / visitors to the department: **NIL**

25. Seminars/ Conferences/Workshops organized & the source of funding
a) National
b) International

A Two Day Work Shop On Microsoft MTA Certification	Information Technology	J.Chaitanya, CEO OF Campusifi	75	August-2015	Student Funding

26.   Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	ACADEMIC YEAR	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
B.TECH (IT)	2015-16	54	54	27	27	NA
	2014-15	17	17	05	12	NA
	2013-14	00	00	00	00	NA
	2012-13	27	27	14	13	NA

 *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(IT)	100	0	0

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	15%
PG to M.Phil.	00
PG to Ph.D.	00

Ph.D. to Post-Doctoral	00
Employed • Campus selection • Other than campus recruitment	100%
Entrepreneurship/Self-employment	NIL

30. Details of Infrastructural facilities
    a)   Library: **Yes**

    b)   Internet facilities for Staff & Students
          Total number of computers: 736
          Total number of printers: 22
          Total number of scanners: 4
          Internet Band width/speed: 25Mbps
          Computer Student Ratio: 1:4
          Stand-alone facility of computers: 736
          LAN facility of computers: 426.
          Number of nodes/computers with internet facility: 426
          Wi-Fi Facility: available
          Back up for computing systems: 100%.

          ### System Configuration

Processor (CPU):	Intel Core i3 / Dual Core
Operating System:	Microsoft Windows 8 Professional x64 SP2
Memory:	8 GB RAM / 4 GB / 2 GB
Storage:	320 GB HDD / 250 GB / 160 GB
Monitor/Display:	24" " LCD monitor

    c)   Class rooms with ICT facility : **3**
    d)   Laboratories:02

31. Number of students receiving financial assistance from college, university, government or other agencies: **65%**

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts

Sno	Event Type	Organization	Date	Student Profile
2015-2016				
Sno	Event Type	Organization	Date	Student Profile
1	Shiksana	T&P	Jun-15	All 4th year
2	Workshop	JKC	13.8.2015	All 2, 3, and 4th
3	Workshop	AP Skill Development	19.8.2015	All 3rd year
4	Workshop	Microsoft	19.8.2015	All 2, 3, and 4th
5	Guest Lecture	TCS	Oct-15	All 2, 3, and 4th
6	Seminar	IBM	6.11.2015	All 2, 3, and 4th
7	Guest Lecture	IBM	17.12.2015	All 2, 3, and 4th
2014-2015				
Sno	Event Type	Organization	Date	
1	IBM Day Seminar	IBM	26.2.2015	All 2, 3, and 4th
2	Workshop	Oracle	Apr-15	All 2, 3, and 4th
2013-2014				
SNo	Event Type	Organization	Date	
1	Seminar	Microsoft		All 2, 3, and 4th
2	Seminar	SAP		All 2, 3, and 4th
3	Workshop	Microsoft		All 2, 3, and 4th

33. Teaching methods adopted to improve student learning:
   - The jigsaw technique
   - The gallery walk
   - Effective discussion
   - Concept sketches
   - Using case studies
   - Debates
   - Just-in-Time Teaching
   - Role playing

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

A.Y.	ISR	Extension activities	Remark
2012-13	-Relief activities during National Calamities like flood (HudHud) -Distribution of edibles and medicines to the needful -Women awareness programme -Awareness about diseases and Precautions -Organizing Medical Checkup Camps	-Blood Donation Camp- Blood Grouping Camp -Hb Camp -Lipid Profile Camp -Educating slum children -Sensitization of school children towards Basic Science	These activities are conducted by the Institution and the Department on regular basis and all the Students and Faculty of the Department participate in them
2013-14			
2014-15			
2015-16			

35. SWOC analysis of the department and Future plans

Strength:

a. The College is based on a unique philosophy of education which combines the material with the spiritual and offers students to develop themselves as fully integrated individuals

b. The College has a dedicated faculty, highly efficient support staff, and a team of monastic members who are available on the campus round the clock and take care of all aspects of the campus, the academic and the personal. It may be mentioned in this connection that the monastic members of the College do not accept any monetary benefit that are available from the Government.

c. The number of publications by the faculty members in the last four years has been commendable.

d. The infrastructural support offered by the College to students can compare with the best in this part of the country. The teacher-student ratio, which is perhaps unparalleled in the country, makes it possible for teachers to successfully address individual need of the students.

e. The NSS wing of the College have been very active and have participated with great enthusiasm in activities like blood donation, first aid training, health awareness survey etc

Weaknesses:

a. The socio-economic background of many of the students (some of them are first and second generation learners) admitted in the College is responsible for poor language competence (both in their mother tongue as well as English). This leads to an unsatisfactory level of comprehension and communication, particularly in the first two semesters

b. Within the existing structure the College finds it difficult to respond to the varied needs of its students coming from different socio-economic and cultural background.
   i. Students coming from the underprivileged section of society (almost 40% of the total strength) generally lack in nutrition that is necessary for proper growth and physical fitness. They also lack the desired level of hygiene consciousness.
   ii. Many students coming from the urban background belong to either nuclear or broken families. Some of them find it difficult to cope with the demands of a community life based on caring and sharing. Sometimes this leads to psychological imbalance

c. The College has not been able to enter into either faculty exchange or student exchange programmes due to structural and governmental policy limitations. The inability to implement the credit transfer systems (CTS) has also hindered the student exchange programme.

d. The semester system poses a number of problems which the College has not been able to come to terms with.

Opportunities :

a. The level of academic excellence which the College has acquired makes it possible for our students to get entry into institutes of global repute. The College has to devise mechanisms for translating this potential into a reality.

b. The new learning of the age requires greater proficiency in soft skills among students. The College has the necessary technical and infrastructural resources to take this to a higher level.

c. The vision of the College makes it imperative to engage in socially relevant programmes such as organising voluntary blood donation camps, AIDS awareness programmes, and disaster management skills. The College with its resources and networking can ensure students' greater participation in these activities.

d. The College possesses the academic and financial resources to publish peer reviewed research journals. The College is poised to take the initiative in this regard.

e. As an autonomous College, the institution is entitled to offer new Diploma and Certificate courses. The College could not make use of this as the administration was busy putting in place the system required to run an autonomous institution. However a beginning has been made in this direction and more should follow.

Challenges :

a. How to create more space within the campus is one of the major challenges that the college has to deal with a sense of urgency.

b. Retaining the unique character of the College in an increasingly consumerist society poses a great challenge to the ideals the institution upholds.

Evaluative Report of the Department of Electronics and Communication Engineering

1. Name of the department: **Electronics and Communication 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 **Electronics and Communication Engineering, P.G : M.Tech VLSI & ES**

4. Names of Interdisciplinary courses and the departments/units involved- **Nil**

5. Annual/ semester/choice based credit system (programme wise)- Under Graduation (B.Tech) – **Semester Wise**

6. Participation of the department in the courses offered by other departments

    *   STLD, PDC and MPMA to B.Tech EEE

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

	Sanctioned	Filled
Professors	3	3
Associate Professors	6	6
Asst. Professors	22	22

10.   Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name of the Staff Member	Qualification	Designation	Specilazation	Teaching Experience	Remarks
Dr V Rajesh	Ph. D.	Principal	ECE	18 Years	
Dr TR Ganesh Babu	Ph. D.	Professor	ECE	10 Years	
Dr Manab Kumar Das	Ph. D.	Professor	DS	8 Years	
Mr P Ramakoteswara Rao	M Tech	Associate Prof	DS	18 Years	
Mr K Babu Rao	M Tech	Associate Prof	VLSI	11 Years	
Mr M Ramamohana Rao	M Tech	Associate Prof	IE	16 Yeas	
Mr J Sai Siva Kalyan	M Tech	Associate Prof	VLSI	10 Years	
Mr G Padmanabhaiah	M Tech	Associate Prof	DS	21 Years	
Mr B Balaji	M Tech	Associate Prof	ES	13 Years	
Mr E Ramakrishna Reddy	M. E.	Asst Prof	VLSI	6 Years	
Mr A Suneel Kumar	M Tech	Asst Prof	VLSI	6 Years	
Mr M Koteswara Kishore	M Tech	Asst Prof	ES	4 Years	
Ms K Nitya	M Tech	Asst Prof	VLSI	3 Years	
Ms K Sowjanya	M Tech	Asst Prof	S&S	4 Years	
Ms R Devi Kalyani	M Tech	Asst Prof	VLSI	4 Years	

Ms J Usha Rani	M Tech	Asst Prof	S&S	4 Years	
Ms G Suneetha	M Tech	Asst Prof	VLSI	5 Years	
Ms B Usha Rani	M Tech	Asst Prof	DE	2 Years	
Mr P Kanaka Raja	M Tech	Asst Prof	DE	1 Year	
Ms N Soni	M Tech	Asst Prof	VLSI	1 Year	
Mr A Sarath Raju	M Tech	Asst Prof	VLSI	1 Year	
Mr M Purna Kishore	M Tech	Asst Prof	VLSI	6 Years	
Mr DJP Samrat Reddy	M Tech	Asst Prof	ES	1 Year	
Mr Ch Udaya Bhaskar	M Tech	Asst Prof	VLSI	4 Years	
Mr K Prem Kumar	M Tech	Asst Prof	ES	1 Year	
Ms Ch Sujana	M Tech	Asst Prof	ES	4 Years	
Mr T Narendra Kumar	M Tech	Asst Prof	ES	1 Year	
Ms V Bhavani	M Tech	Asst Prof	VLSI	1 Year	
Ms V Praveena	M Tech	Asst Prof	CSP	5 Years	
Mr G Naveen Kishore	M Tech	Asst Prof	VLSI	1 Year	
Mr Lam Bharat Ratna	M Tech	Asst Prof	VLSI	3 Years	
Ms V Maheswari	M Tech	Asst Prof	VLSI	1 Year	

11. List of senior visiting faculty: **Nil**

12. Percentage of lectures delivered and practical classes handled (programme wise)
    by temporary faculty: **0%**

13. Student -Teacher Ratio (programme wise) - **1:15**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Technical & Administrative Staff	Sanctioned	Filled
	40	40

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	0	0	0	0	0	0	0
Ph.D.	3	0	0	0	0	0	3
M.Phil.	0	0	0	0	0	0	0
PG	0	0	6	0	12	11	29

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:

18. Research Centre /facility recognized by the University: Nil

19. Publications: **34**

   * a) Publication per faculty: 1.12

   * Number of papers published in peer reviewed journals (national / international) by faculty and students : 21

   * 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: Nil

   * Chapter in Books: Nil

* Books Edited: Nil

* Books with ISBN/ISSN numbers with details of publishers: Nil

* Citation Index:

* SNIP: Nil

* SJR: Nil

* Impact factor: out of 21 papers 16 papers having impact factor

* h-index: Nil

20. Areas of consultancy and income generated: **NIL**

21. Faculty as members in

    a) National committees: Nil
    b) International Committees: Nil
    c) Editorial: 1

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 : Nil

24. List of eminent academicians and scientists / visitors to the department

Sl. No.	Name of Expert	Designation and office	Area of specialization	Date of Visit
1.	MR. Raj Das Gupta	COUNTRY HEAD ORACLE, INDIA.	ORACLE	05.02.2015
2.	MR. Sheethal Soni	IBM CAREER EDUCATION.	HR, IBM	26.02.2015
3.	YARLAGADDA PRASAD	VICE PRESIDENT, INFORMATION TECHNOLOGIES, USA	Information Technology	13.06.2015
4.	MR. JAMEEL REDDY CHIEF ENGINEER,	ALL INDIA RADIO VIJAYAWADA.	Radio Communication	11.02.2015
5.	PROF. V. SRINIVASULU,	DEPT. OF CIVIL, JNTU KAKINADA.	Civil Engineering	15.9.2015
6.	VISHALATCHI	TRAINER FROM IBM SOFTWARE LABS	Software Trainer	22.09.2015 to 25.09.2015
7.	K.SURYANARAYANA	SR. CONSULTANT TCS.	Software Trainer	13.10.2015
8.	Dr. G. N. Swamy	Prof & HOD, VR.Siddhartha Engg College	Signal Processing	22.12.2014
9.	Dr. K. Kama Raju	Prof & HOD, Gudlavalleru Engg College	VLSI	12.07.2014
10.	Dr. Habibulla Khan KL University	Prof & HOD, KL University	Communications	14.12.2013

25.   Seminars/ Conferences/Workshops organized & the source of funding–
    a) National

Module Description	Any other contributory Institute/ Industry	Developed /Organized by	Duration	Resource Person	Target Audience	Usage & citation, etc.,
2013-14						
One day seminar on Latest trends on nano-technology	URCET ECE Dept.,	K.V.V.Satyanaraayana, Assoc.Prof.	13th Feb-2014	Y Srinivasa Rao, Prof., A.U.	Students and faculty	Students and Faculty gained the knowledge on latest trends on nono-technology
Two-day Workshop on PCB Design & Soldering Practice	URCET ECE Dept.,	Mr. B .Raja Rao Assoc.Prof. Mr.B.Balaji Assoc.Prof.	16th and 17th Dec 2013	Mr.Sanjeev Singh, Indo- Global Services,Hyd.	Students and faculty	Students and Faculty gained basics on PCB design
Seminar on Career guidance & Career Building	URCET ECE Dept.,	Mr.B.Balaji Assoc.Prof.	10th Nov-2013	K. Vinay Kumar, IRS, Asst Commissioner in customs, central excise .W.G.Dt, A.P..	Students and Faculty	Students acquired the knowledge on jobs in Public & private sectors
Two day guest lecture on Electronic Measurements & Instrumentation	URCET ECE Dept.,	Mr.B.Balaji Assoc.Prof.	18th & 19th Oct-2013	E. Rambabu Asst.Prof. GITAM University	Students and Faculty	Students and Faculty acquired the knowledge on Instrumentation
Two-day Workshop on 3D Technology & Applications	URCET ECE Dept.,	Mr.P.Rama Koteswara Rao,	28th and 29th June, 2013	Mr.P.Hari Prasad, Senior 3D developer, Hyd.	Students and Faculty	Students and Faculty acquired the knowledge on 3D technology & Appl.,

2014-15						
Two-day Workshop on Basic ROBOTIC Design	URCET ECE Dept.,	Mr.P.Rama Koteswara Rao, Assoc. Prof. Mr.B.Balaji Assoc.Prof.	26nd & 27rd ,Sep-2014	ROBOQUEST INDIA, Delhi	Students and Faculty	Students and Faculty acquired the knowledge on ROBOTICS
2015-16						
Two-day Workshop ARMPAA-15	URCET ECE Dept.,	Mr.B.Balaji Assoc.Prof.	4th & 5th ,Aug-2015	Sastra Technologies,hyderabad	Students and Faculty	Students and Faculty acquired the knowledge on logic design

b) International **Nil**

26.   Student profile programme/course wise: As per the a.y 2015-16

Name of the Course/programme	ACADEMIC YEAR	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
B.TECH	2015-16	116	116	62	54	Awaiting for Result
M.Tech	2015-16	15	15	15	0	Awaiting for Result

*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 (ECE)	100%	0	0

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	10
PG to M.Phil.	N/A
PG to Ph.D.	N/A
Ph.D. to Post-Doctoral	N/A
Employed • Campus selection • Other than campus recruitment	75
Entrepreneurship/Self-employment	N/A

30. Details of Infrastructural facilities
   a) Library: **Yes**
      Number of volumes: **87**
      Journals :
      National : 04
      International : 01
   b) Internet facilities for Staff & Students- **Yes (50 MBPS)**

   c) Class rooms with ICT facility- Yes (1 E-Class room)

   d) Laboratories

Curriculum Lab Description	Exclusive / Shared	Space / Number of students	Number of experiments
EDC Lab (R 307): Electronic Devices & Circuits lab Electronic Circuits Lab Electronic Computer Aided Design Lab	Exclusive	146.05sqm 36 Students	On 12 Work benches
Communications Lab (R 205): Analog Communications Lab Digital Communications Lab	Exclusive	146.05sqm 36 Students	On 12 Work benches
Microprocessors Lab (R 206): Microprocessors and Interfacing Lab Digital Signal Processing Lab	Shared with PG	146.05sqm 36 Students	On 12 PCs

Curriculum Lab Description	Exclusive / Shared	Space / Number of students	Number of experiments
IC Applications Lab(R 306) : IC Applications Lab PDC Lab	Exclusive	146.05sqm 36 Students	On 12 Work benches
Electronic Simulation Lab(R107) DSP	Shared with PG	146.05sqm 36 Students	On 36 PCs
Microwave & Optical Communications Lab(R312)	Exclusive	146.05sqm 36 Students	On 12 Work benches
Microcontrollers and Embedded Systems Lab (R403)	Exclusive	46.05sqm 36 Students	On 12 Work benches
VLSI and Embedded Systems Lab(R312)	Exclusive PG	146.05sqm 36 Students	On 12 PCs

31. Number of students receiving financial assistance from college, university, government or other agencies:

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Module Description	Any other contributory Institute/ Industry	Developed /Organized by	Duration	Resource Person	Target Audience	Usage & citation, etc.,
2013-14						
.NET Trainer	URCET ECE Dept.,	Training & Placement Officer	5th April-2014	Ms. Anitha, Hyd	Students	Students acquired knowledge on .NET
Android Trainer	URCET ECE Dept.,	Training & Placement Officer	12th April-2014	Mr. Sabareesh Hyd	Students	Students acquired knowledge on Android
.NET Trainer	URCET ECE Dept.,	Training & Placement Officer	19th April-2014	Ms. Anitha Hyd	Students	Students acquired knowledge on .NET
Android Trainer	URCET ECE Dept.,	Training & Placement Officer	26th April-2014	Mr. Sabareesh Hyd	Students	Students acquired knowledge on Android
.NET Trainer	URCET	Training & Placement	7th June-2014	Ms. Anitha	Students	Students acquired

Module Description	Any other contributory Institute/ Industry	Developed /Organized by	Duration	Resource Person	Target Audience	Usage & citation, etc.,
	ECE Dept.,	Officer		Hyd		knowledge on .NET
Android Trainer	URCET ECE Dept.,	Training & Placement Officer	14th June-2014	Mr. Sabareesh Hyd	Students	Students acquired knowledge on Android
.NET Trainer	URCET ECE Dept.,	Training & Placement Officer	21st June-2014	Ms. Anitha Hyd	Students	Students acquired knowledge on .NET
Android Trainer	URCET ECE Dept.,	Training & Placement Officer	28th June-2014	Mr. Sabareesh Hyd	Students	Students acquired knowledge on Android
2014-15						
MAT LAB Training	URCET ECE Dept.,	Mr. M. Rama Mohana Rao Assoc. Prof.	23rd , 24th Feb, 2014	Mr. S. Lakhminarayana, IEEE Vizag Bay Sub-Section	Students and Faculty	Students acquired knowledge on basics of MAT LAB
2015-16						
MAT LAB Training	URCET ECE Dept.,	Mr. P.Rama Koteswara Rao, Assoc. Prof.	23rd , 24th Mar- 2015	Mr.S. Lakhminarayana, IEEE Vizag Bay Sub-Section	Students and faculty	Students acquired the knowledge on basics of MAT LAB

33. Teaching methods adopted to improve student learning

Faculty are encouraged to use LCD for delivering the lectures. Department is encouraging the students to visit the industries once in a semester. All the students are encouraged to learn through e-content available in JNTUK coe-erd portal.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
a) Conducting NSS camps every year
b) Conducting Blood donation camps
c) Conducting "Swatch Bharath"
d) Conducting Rallies on several social issues

35. SWOC analysis of the department and Future plans

▪ ECE Course is in good demand in present society. ▪ Department has outstanding faculty, staff. ▪ Department has well equipped laboratories, E-Class room, Internet, Library facilities. ▪ Ever green with lot of opportunities. ▪ Govt/Pvt job opportuniutes for ECEstudents ▪ Institution Situated in connecting to National highway. ▪ Gate classes also conducted to the students of final year	▪ Expecting more jobs in core industries.

Opportunities:

- The college has provided the "Project Development (PDC) centre through which the students can improve their skills and moreover they can be trained up according to the requirement of the industries.
- The College is training the students in Sports by qualified Physical Director, so they can participate in University and national level sports & games, this helps to the students to get opportunities in various fields on sports quota.

Challenges:

- The college is located 2 km away from Telaprolu Village; the students who are joining in the college are mostly from rural background.
- Only the college bus facility is available for long distance and for local students, there is no direct city bus facility to the college.

Future plans:

- Department is planning to facilitate research centre to promote the research.
- Department is planning to have interaction with the outside industries for rising the fund.
- Department is planning to provide placements in core companies.

Evaluative Report of the Department of Sciences & Humanities

1. Name of the department: **Sciences & Humanities**

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 Civil/ EEE/ Mechanical/ECE/ CSE/ IT

4. Names of Inter disciplinary courses and the departments/units involved- **Nil**

5. Annual/semester/choice based credit system (programme wise) - Under Graduation (B.Tech) – **Semester Wise**

6. Participation of the department in the courses offered by other departments

    - P & S to B.Tech CIVIL, CSE, IT
    - CVSM and ES to EEE
    - MFCS-CSE
    - ES to ECE

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

	Sanctioned	Filled
Professors	5	5
Associate Professors	8	8
Asst.Professors	31	31

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil.etc.,)

DEPT.	NAME OF THE FACULTY	QUALIFICATION	DESIGNATION
Maths	Dr.Madana Mohana Rao Ari	M.Sc.,B.Ed., M.Phil	PROFESSOR
Maths	Pillalamarry Thirupathi Rao.	M.S.C,M.Phil.	Assoc.Prof
Maths	Nallaboyina Vijaya	M.S.C,M.Phil.	Assoc.Prof
Maths	Srihari Babu Veeravalli	M.S.C,M.Phil,	Asst.Prof
Maths	Thumu Sri Kanth Naidu	M.S.C,M.Phil.	Asst.Prof
Maths	Manne Naga Deepthi	M.Sc.	Asst.Prof
Maths	Ambica Kolipaka	M.Sc.	Asst.Prof
Maths	Md. Mustaq Ali	M.Sc, M.PHIL.	Asst.Prof
Maths	U.Anusha	M.S.C	Asst.Prof
Maths	Ch.Swathi	M.SC	Asst.Prof
Chemistry	Dr.B.Naga Srinivas	Ph.D	Professor
Chemistry	Dr.M.Suresh	Ph.D	Profeesor
Chemistry	K.Subba Rao	M.SC	Asst.Prof
Chemistry	R.Naga Sandhya Rani	M.SC	Asst.Prof
Chemistry	P.Kishore	M.SC	Asst.Prof
Chemistry	T.Anilkumar	M.SC	Asst.Prof
Chemistry	Y.Anusha	M.SC	Asst.Prof
Chemistry	I.Naga Mallika	M.SC	Asst.Prof
Chemistry	A.Lakshami Pahti Rao	M.SC	Asst.Prof
Physics	Dr. P.Rameshbabu	Ph.D.	Asst.Prof
Physics	S.Anusha	M.Sc	Assoc.Professor
Physics	M.Pushpalatha	M.PhIl	Asst.Prof
Physics	K.Naveenkumar	M.PhIl	Asst.Prof
Physics	K.Nagamani	M.Sc	Asst.Prof
English	Dr.G.Rama Murthy	Ph.D	Assoc.Prof
English	G.Ashok Vardhan	M.A,M.Phil.	Assoc.Prof
English	M.Revathi Devi	M.A,M.Phil.	Asst.Prof
English	K.Tambibabu	M.A,M.Phil.	Asst.Prof
English	K.Rajeshkumar	M.A.	Asst.Prof
English	M.Pranathi	M.A.	Asst.Prof
MBA	V.Mahesh	M.B.A.	Asst.Prof
MBA	Abdul Mairj Fathima	M.B.A.	Asst.Prof
MBA	A.V.B.S.Sharma	M.B.A.	Asst.Prof
S& H	P. Abelkumar	M.P.ED	P.D
S&H	M.Srikanth	MCA	Asst.Prof
English	P.Vijay Kumar	MA	Asst.Prof

S&H	J.Swetha Bala	M.Com	Asst.Prof
S&H	P.Suneel Kumar	MA	Asst.Prof
S&H	M.Narasimha Rao	MLISc	Asst.Prof
Physics	L.Gopi	MSc	Asst.Prof
S&H	P.Raj Kumar	M.A	Asst.Prof
S&H	K.Ramya Sudha	M.A	Asst.Prof
S&H	V.Santhoshi	M.B.A	Asst.Prof

11.   List of senior visiting faculty: **Nil**

12.   Percentage of lectures delivered and practical classes handled (programme wise)

   By temporary faculty: **0%**

13.   Student-Teacher Ratio (programme wise) - **1:15**

14.   Number of academic support staff (technical) and administrative staff; sanctioned and filled

Technical & Administrative Staff	Sanctioned	Filled
	51	51

15.   Qualifications of teaching faculty with DSc /D.Litt/ Ph.D/ MPhil/ PG.

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	0	0	0	0	0	0	0
Ph.D.	5	0	0	0	0	0	5
M.Phil.	0	0	5	3	2	0	10
PG	0	0	0	0	13	16	29

16.   Number of faculty with on going projects from a)National b)International funding agencies and grants received - **National**

17.   Departmental projects funded by DST-FIST;UGC, DBT, ICSSR, etc. andtotal grants received: DST

18.   Research Centre/facility recognized by the University: **Nil**

19.   Publications: 26

   ∗ a) Publication per faculty: 0.6
   ∗   Number of papers published in peer reviewed journals (national/ international) by faculty and students **26**
   ∗   Number of *publications* listed in International Database (For Eg:Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBS COhost, etc.)

* Mono graphs: Nil

* Chapter in Books: Nil

* Books Edited: NIL

* Books with ISBN/ ISSN numbers with details of publishers: 978-93-83828-45-6/ University science Press, New Delhi.

* Citation Index:

* SNIP: Nil

* SJR: Nil

* Impact factor: out of 14 papers 10 papers having impact factor

* h-index: Nil

20. Areas of consultancy and income generated: **NIL**

21. Faculty as members in

    a) National committees: Nil
    b) International Committees: Nil
    c) Editorial: Nil

22. Student projects

    a) Percentage of students who have done in- house projects including interdepartmental / programme- **0%**

    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.	Name of the Faculty	Recognitions
1	T. Thambi Babu	5000 rupees cash prize for the best results in English

24. List of eminent academicians and scientists/ visitors to the department : **Nil**

25. Seminars/Conferences/ Workshops organized & the source of funding –
a) National : **Nil**

b) International **Nil**

26. Student profile programme / course wise: As per the a.y 2015-16

Name of the Course/ programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.Tech(I Year)	507	507	310	197	Awaiting for Result

*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 (Civil, EEE, Mech,ECE CSE, IT)	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defenseservices, etc. : NA

29. Student progression

Student progression	Against % enrolled
N/A	N/A

30. Details of Infrastructural facilities
  a) Library: **Yes**
     Number of volumes:
  Journals :
   National : 02
   International :
  b) Internet facilities for Staff & Students- **Yes (50 MBPS)**
  c) Class rooms with ICT facility- Yes (1 E-Class room)
  d) Laboratories

S.NO	NAME OF THE LAB
1.	English Communications skills lab
2.	Engineering physics
3.	Engineering Chemistry

31. Number of students receiving financial assistance from college, university, government or other agencies :

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts - **Nil**

33. Teaching methods adopted to improve student learning
   Faculty are encouraged to use LCD for delivering the lectures. Department is encouraging the students to visit the industries once in a semester. All the students are encouraged to learn through e-content available in JNTUK co e-erd portal.

34. Participation in Institutional Social Responsibility(ISR)andExtensionactivities
  a) Conducting NSS camps every year
  b) Conducting Blood donation camps
  c) Conducting "Swatch Bharath"
  d) Conducting Rallies on several social issues

35. SWOC analysis of the department and Future plans

▪ Library facilities. ▪ Ready to provide all the facilities to the students	*Institution Situated in Rural area. *Students are from poor Social Background

Opportunities:

* Providing Internet facility to the students

 *Bring the companies to recruit the students

Challenges:

 * Our college works for the progress of the all the categories of students and train them to face the industry demands.

* train the students in Soft Skills and Communication Skills.

Future plans:

* Our S&H Department plans new curriculum every year for the benefit of the students.

* using Power point Presentations, Visual Aids, etc., to make efficient teaching.

* Planning for activity based education.

* make the students participate in seminars, situations, debates etc.,

* planning for Guest Lecture on Motivation, personality development and subject related etc.,

* organize the national level symposiums, literary events, etc.,

Ph : 08676-202279

USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY

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

NH5, Telaprolu, Near Gannavaram, Krishna Dist - 521 109. A.P., INDIA
Website : www.usharama.com E-Mail : principal@usharama.com

Date : ....

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.

Signature of the Head of the institution with seal

PRINCIPAL
USHA RAMA COLLEGE OF
ENGGINEERING & TECHNOLOGY
TELAPROLU-521 109.

Place: Telaprolu

Date:29-04-2016

Ph : 08676-202279

USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY

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

NH5, Telaprolu, Near Gannavaram,   Krishna Dist - 521 109. A.P., INDIA
Website : www.usharama.com   E-Mail : principal@usharama.com

Date : ....

Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that Usha Rama College of Engineering and Technology fulfills 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.

Date:29-04-2016
Place: Telaprolu

Principal/Head of the Institution
(Name and Signature with Office seal)

PRINCIPAL
USHA RAMA COLLEGE OF
ENGGINEERING & TECHNOLOGY
TELAPROLU-521 109.

Annexure – I
Copy of AICTE Approval

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. South-Central/1-2813927771/2016/EOA   Date: 05-Apr-2016

To,

The Principal Secretary
(Higher Education) Govt. of Andhra Pradesh,
J Block, 4th Floor, Secretariat Building,
Hyderabad-500022

Sub: Extension of approval for the academic year 2016-17

Ref: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-Central	Application Id	1-2813927771
Name of the Institute	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY	Permanent Id	1-4563957
Name of the Society/Trust	USHA RAMA EDUCATIONAL ACADEMY	Institute Address	NH-5, TELAPROLU, UNGUTURU MANDAL, KRISHNA DISTRICT,ANDHRA PRADESH, TELAPROLU, KRISHNA, Andhra Pradesh, 521109
Institute Type	Unaided - Private	Society/Trust Address	601, ARLINGTON HEIGHTS, WHITE FIELDS, KONDAPUR,HYDERABAD,RANGAREDDI,Telangana ,500082

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2016-17

Application Id: 1-2813927771			Course	Full/Part Time	Affiliating Body	Intake 2015-16	Intake Approved for 2016-17	NRI Approval status	PIO / FN / Gulf quota Approval status	Foreign Collaboration/Twining Program Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLO	1st Shift	POST GRADUA	COMPUTER SCIENCE & ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University,	18	18	NA	NA	NA

Application Number: 1-2813927771
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All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

		TE			Kakinada					
GY										
ENGINEERIN G AND TECHNOLO GY	1st Shift	POS T GRA DUA TE	MACHINE DESIGN	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	24	24	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	POS T GRA DUA TE	STRUCTURAL ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	36	36	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	POS T GRA DUA TE	VLSI AND EMBEDDED SYSTEMS	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	18	18	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	CIVIL ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	120	120	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	COMPUTER SCEINCE & ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	120	120	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	ELECTRONICS & COMMUNICATI ON ENGG	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	180	180	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	INFORMATION TECHNOLOGY	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	MECHANICAL ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	120	120	NA	NA	NA
	2nd	DIPL	CIVIL	FULL	State Boadr of	60	60	NA	NA	NA

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

ENGINEERIN G AND TECHNOLO GY	Shift	OMA	ENGINEERING	TIME	Technical Education and Training, Hyderabad					
ENGINEERIN G AND TECHNOLO GY	2nd Shift	DIPL OMA	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	State Board of Technical Education and Training, Hyderabad	60	60	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	2nd Shift	DIPL OMA	ELECTRONICS & COMMUNICATI ON ENGG	FULL TIME	State Board of Technical Education and Training, Hyderabad	60	60	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	2nd Shift	DIPL OMA	MECHANICAL ENGINEERING	FULL TIME	State Boadr of Technical Education and Training, Hyderabad	60	60	NA	NA	NA

The above mentioned approval is subject to the condition that USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-india.org

Dr. Avinash S Pant
Vice - Chairman, AICTE

Copy to:
1. **The Regional Officer,**
   All India Council for Technical Education
   First Floor, old BICARD Building
   Jawaharlal Nehru Technological University
   Masab Tank, Hyderabad-500076

2. **The Director Of Technical Education,**
   Andhra Pradesh

3. **The Registrar,**
   Jawaharlal Nehru Technological University, Kakinada

Application Number: 1-2813927771
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All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

4. **The Principal / Director,**
USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY
NH-5, TELAPROLU, UNGUTURU MANDAL, KRISHNA DISTRICT,ANDHRA PRADESH,
TELAPROLU,KRISHNA,
Andhra Pradesh,521109

5. **The Secretary / Chairman,**
USHA RAMA EDUCATIONAL ACADEMY
601, ARLINGTON HEIGHTS, WHITE FIELDS, KONDAPUR,
HYDERABAD,RANGAREDDI,
Telangana,500082

6. **Guard File(AICTE)**

Application Number: 1-2813927771
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Annexure – II
Copy of JNT University
Kakinada Affiliation

Grams: "TECHNOLOGY"
Email:registrar@jntuk.edu.in

Phone:Off: 0884 -2300900
Fax: 0884 -2300901

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh (India)
(Established by Andhra Pradesh Act No. 30 of 2008)

Lr.No.DAP/B1/Usha Rama CET /NAAC/2015-16

Dt. 4.4.2016

Dr. G. V. R. Prasada Raju,
B.E, M.E., Ph.D
REGISTRAR

TO WHOM IT MAY CONCERN

This is to certify that **"Usha Rama College of Engineering & Technology, NH5, Near Gannavaram, Telaprolu, Krishna District, Andhra Pradesh"** is affiliated to **Jawaharlal Nehru Technological University, Kakinada** since 2008 the following Courses are taught in the said college as per approval.

Sl No	Name of the Course(s) and Duration	Affiliation		Period of Validity for the year(s)
		Permanent	Temporary	
B.Tech-Programme: 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
6	Information Technology		Temporary	2015-16
M.Tech-Programme: Duration for 2 years				
1	M.Tech - Computer Science & Engineering		Temporary	2015-16
2	M.Tech – Machine Design		Temporary	2015-16
3	M.Tech – Structural Engineering		Temporary	2015-16
4	M.Tech – VLSI & Embedded Systems		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

Annexure – III
Copy of ISO Certificate

Annexure – IV
Copy of Personal Profile of Principal

CURRICULUM VITAE

Name   :   **Dr V. RAJESH**
Father's Name   :   **V. S. Rama Rao**
Date of Birth   :   **25-06-1971**
Academic Profile   :

Degree	University	Year of pass	Specialisation
Diploma	S.B.T.E.T., AP, Hyd	1990	Electronics and Commn Engg
A.M.I.E.	Institution of Engineers (India)	1994	Electronics and Commn Engg
M. E.	S.R.M.T., Nanded	1998	Instrumentation Engg
Ph. D.	Andhra University	Feb. 2012	Electronics and Commn Engg

Office Address   :   **Principal, Usha Rama College of Engineering and Technology,**

                 Telaprolu-521 109, Near Gannavaram, Krishna District, A.P.

                 Mobile: 91777 12255
                 Email: principal@usharama.in

Residence Address   :   **Sri Chakra Residency, Block-C, Flat No. 302, Navodaya Colony Road, Tadepalli-522 501, Guntur Dist, AP**

                 Mobile: 95024 16254
                 Email: rajesh24835@yahoo.co.in

Total Teaching Experience after M.E. : 18 Years
                             06 Years as Assistant Professor
                             06 Years as Associate Professor
                             06 Years as Professor
                     06 Years as HOD of EIE & HOD of ECE

Employer	Position	Dept	Period of service	Addl Responsibilities
VR Siddhardha Engg College, Vijayawada	Lecturer	EIE	01-05-1998 to 31-05-1999	
CRR College of Engg, Eluru	Assistant Professor	EIE	01-06-1999 to 31-05-2004	Head of the Dept
CRR College of Engg, Eluru	Associate Professor	EIE	01-06-2004 to 31-05-2010	Head of the Dept
Regency Institute of Technology, Yanam	Professor	ECE	01-06-2010 to 28-06-2012	Head of the Dept
KL University	Professor	ECE	29-06-2012 to 03-02-2015	Group Head Signal Processing & Associate Dean (PG Programmes)
Usha Rama College of Engg & Tech., Telaprolu	Principal		04-02-2016 to till-to-date	

Annexure – V
Copy of Organizational Chart
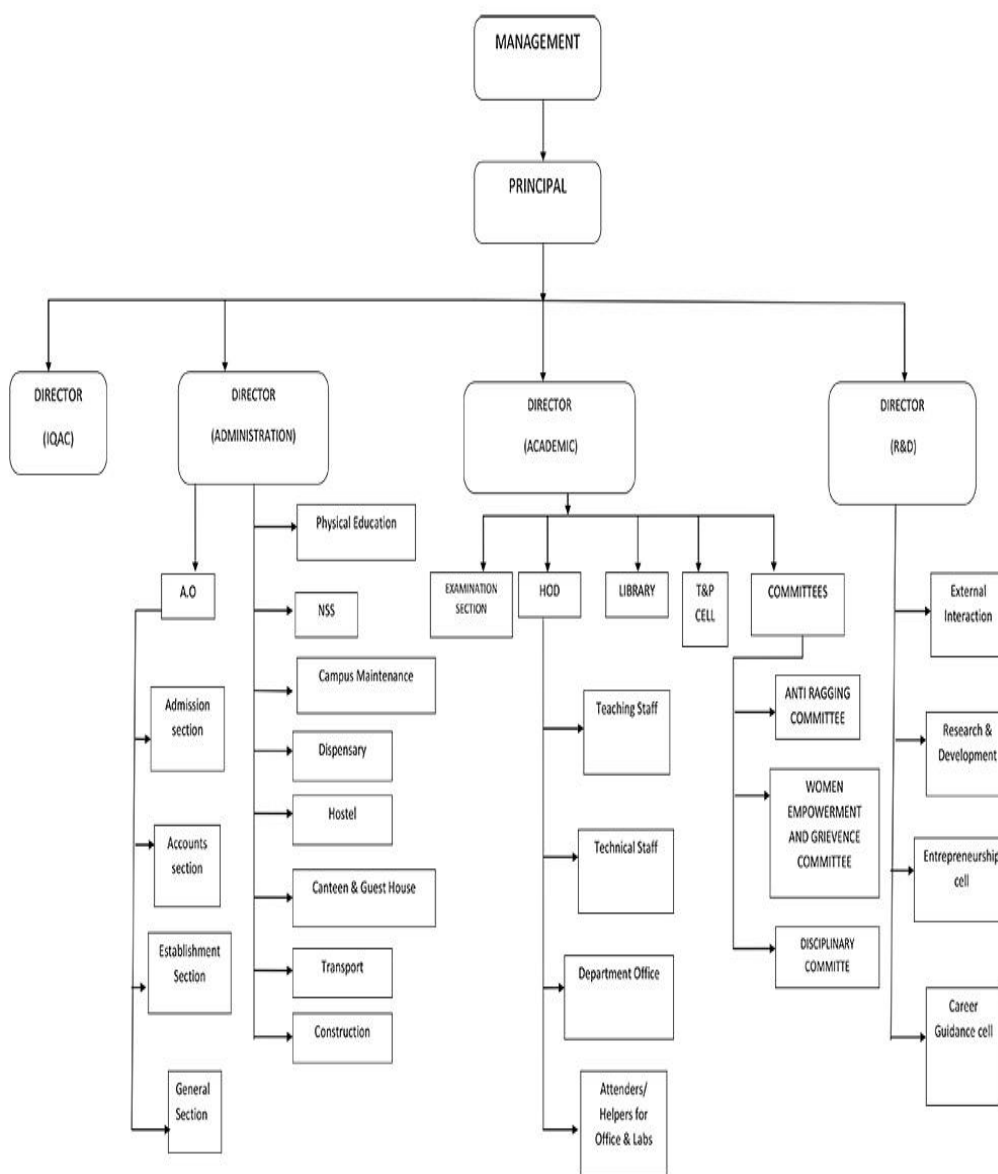
Annexure – VI
Copy of Publication Details

Sl.No.	Title of the Paper	Name(s) of author(s)	ISSN/ISBN Number	Vol.No. & Page No.	National/international Journal	Dept
1	Reducing Cost of Cloud Bandwidth using Prediction Based System .	G.SYAM PRASAD	ISSN 2321-6905	Vol.3,Issue 10, in October-2015	International Journal of Science Engineering and Advance Technology (IJSEAT)	CSE
2	Advanced Techniques for Archiving Concurrency in Multidimensional Data	G.SYAM PRASAD	ISSN 2321-8754	Vol.3,Issue 9, in September-2015. Pg.15-23	International Journal of Advanced Research in Data Mining and Cloud Computing (IJARCSA)	CSE
3	Implementing Secure Authorized DE duplication Technique in Hybrid	G.SYAM PRASAD	ISSN 2321-6905	Vol.3,Issue 9, in September-2015	International Journal of Science Engineering and Advance Technology (IJSEAT)	CSE

	Cloud .					
4	Proficient Authenticati on Mechanism for Pervasive Computing .	G.SYAM PRASAD	ISSN 2321-6905	Vol.3,Iss ue 8, in August-2015.	Internationa l Journal of Science Engineerin g and Advance Technology (IJSEAT)	CSE
5	Anonymous Authenticati on of Data Stored in Clouds with Decentralize d Secutity Mechanism.	G.SYAM PRASAD	ISSN 2321-6905	Vol.3,Iss ue 8, in August-2015.	Internationa l Journal of Science Engineerin g and Advance Technology (IJSEAT)	CSE
6	Providing Distinguish Access Levels to	G.SYAM PRASAD	ISSN-2320-7884	**Issue-V- 3, I-5,** in June-July-	Internationa l Journal For Developme nt of Computer Science	

	Encrypted CloudDatabase			2015.	Technology and (IJDCST)	CSE
7	Faulty Portion Detection in Fabrics using Feature Extraction Techniques	Dr B.R.S.RED DY	ISSN 2249 – 5452	**|Vol 5|issue 1|Feb. 2015**	International Journal of Graphics & Image Processing	CSE
8	Abnormal Region Extraction From 3D Rendered MR Images	Dr B.R.S.RED DY	ISSN 2249 – 5452	|Vol 5|issue 2|May 2015	International Journal of Graphics & Image Processing	CSE
9	Transmitting Data Securely and Efficiently in Cluster-based Wireless Sensor Networks	Dr B.R.S.RED DY	ISSN 2321-6905	Vol.3,Issue 8 AUG 2015	International Journal of Science Engineering and Advance Technology,IJSEAT,	CSE

10	a novel social authenticati approac ng h for security using trustee based	M.SAMBAS IVA RAO	ISSN 2320-7884	VOL 3 SEP 2015	IJDCS T		CSE
11	Basic principl es to improve IT security of ou r organizatio n	R.SEETHA RAM	ISSN097613 53	VOL 2 ISSUE JAN 2015	IJETC SE		CSE
12	Basic principl es to improve IT security of ou r organizatio n	T.NASIMH A APPADU	ISSN2321- 5585	VOL2 ISSUE- 2 JAN 2015	IJETC SE		CSE
13	Developing a generic model and ordering test cases for embededde d S/w	B.S VARA PRASAD	ISSN232155 85	VOL2 ISSUE- 2 AUG- SEP 2013	IJRCS E		CSE

		L.N SWAMY	IJETCSEISSN 097 61353	VOL 2/ISSUE 5/NOV 15	IJETCSE	CSE
14	Social & ethical issues in banking industry	L.N SWAMY	IJETCSEISSN 097 61353	VOL 2/ISSUE 5/NOV 15	IJETCSE	CSE
15	Data Mining with Big Data Using HACE Theorem	B.Trivikra maRao	IJSEAT 2321-6905	September 2015	IJSEAT	IT
16	select multkey word ranked search over encrypte d cloud data	Mr Y v v n vara Prasad	ISSN-2320-7884 (Online) ISSN-2321-0257 (Print)	june-july 2015	IJDCST V-3,I-5,SW-21	IT
17	A novel sysem for scalable data sharing in cloud storage using keyaggre gate	Mr Y v v n vara Prasad	ISSN 2321-6905	sept 2015	IJSEAT Vol 3,Issue 9	IT
18	Investig ations on Mechani cal Behavio ur of B4C and MoS2	R Bhargavi	DOI 10.1515/j msp- 2015-0001	Septemb er 12, 2015	DOI 10.1515/j msp- 2015- 0001	MECH

	Reinforc ed AA2024 Hybrid Composi tes				
	Wear Characte ristics of AA 2024 Matrix Composi tes Reinforc ed with B4C Powders	R Bhargavi		Feb 2015		MECH
19	Dissipa tion kinetics metabo lite in four differen t soils	4, Dr.B.N. Srinivas etal..	0974- 7419	2016	0974- 7419	S&H
20	Role mixed oxides, hydrota lcites, C-SiO2 coposit e materia ls	4, Dr.B.N. Srinivas etal..		21-23, Jan, 2016		S&H
21	Stylistics and Discourse Analysis: A Contributio	1, Revathi Devi Malldi	2278- 9529	October- 15	2278- 9529	S&H

	n in Analyzing Literature				
22	English for life purposes as a new concept in English language teaching	1, Dr.G.Ra ma Murthy		23-24, Jan.2015		S&H
23	Dielectric dispersion and ac conduction phenomena of Li2O-Sb2O3-PbO-GeO2; Cr2O3glass system	6, P.Rames h Babu	1369-8001	Feb,2015	1369-8001	S&H
24	Soft Skills-The role of English language educators	1, G.Ashok Vardhan	2249-1910	Jan, 2015	2249-1910	S&H
	Employabili t y ski lls among Engineering college students- A case study	1, G.Ashok Vardhan	2278-0742	Oct.,201 5	2278-0742	S&H
25	Equivalence in	1, G.Ashok	2321-0818	Feb.2015	2321-0818	

	litera ry translation- A case study	Vardhan				
26	Use o f Technology and innovative practices in the ELT class rooms	1, G.Ashok Vardhan	0976- 8165	Aug.,201 5	0976- 8165	S&H
27	HETEROG ENEOUS FLOOD MANAGE MENT SYSTEM	M. Ra ma kot es wa rar ao	2319- 9345	OCT 2015	IJGIS	ECE
28	AN INTERACT IVE BUS ALERT & CONVENIE NT COMMON SYSTEM FOR BLIND PEPOLE USING GPS & RF	M.Rammoh an rao	2321- 3361	OCT 2015	IJESC	ECE
29	WIRELESS BODY SENSOR NETWORK BASED ON MOBILE DATA COLLECTO	B.Balaji	2321- 3361	OCT 2015	IJESC	ECE

	R				
30	GPS&GSM WIRELESS TECHNOL OGY IMPLEME NTATION IN HAZE MONITORI NG	K.Babu Rao	2348-4845	AUG 2015	IJMETMR
					ECE
31	A Novel implementat ion of REVERSIB LE MULTIPLE XER DESIGN USING MZI	G.padmana bhaiah	2348-4845	AUG 2015	IJMETMR
					ECE
32	Low cost LPG Gas Detector	P.Kanaka Raja	NILL	2016	EFY
					ECE
33	EXPERIME NTAL INVESTIGA TION ON HIGH PERFORMA NCE CONCRETE WITH PARTIAL REPLACEM ENT OF CEMENT BY FLY ASH AND FULLY REPLACEM ENT OF SAND BY	V.SRINIVA SA RAO	ISSN No. (Online):2454-8693	INTERN ATION AL JOURN AL OF CONST RUCTIV E RESEA RCH IN CIVIL ENGINE ERING[I JCRCE]	JUNE'2015
					CIVIL

	STONE DUST					
34	COMPAR ATIVE STUDY OF ANALYSI S OF ELEVATE D WATER TANK DUE TO EARTH QUAKE FROM DIFFERENT ZONES OF EARTH QUAKE	V.SRINIVA SA RAO	ISSN No. (Online):2454-8693	INTERN ATION AL JOURN AL OF CONST RUCTIV E RESEA RCH IN CIVIL ENGINE ERING[I JCRCE]	DEC'2015	CIVIL
35	COMPAR ATIVE STUDY OF SEISMIC ANALYSI S OF EXISTING ELEVATE D REINFOR CED CONCRET E INTZE WATER TANK SUPPORT	V.SRINIVA SA RAO	ISSN No. (Online):2454-8693	INTERN ATION AL JOURN AL OF CONST RUCTI VE RESEA RCH IN CIVIL ENGIN EERING [IJCRCE]	DEC'2015	CIVIL

	ED ON FRAME STAGING				
36	GEO-SPATIAL TECHNOLOGIES IN SHORELINE ANALYSIS VARIABILITY AND EROSION"	K.V.SIVAK UMAR BABU	ISSN Print: 0976-6308 and ISSN Online: 0976-6316	INTER NATIO NAL JOURN AL OF CIVIL ENGIN EERIN G & TECHN OLOGY (IJCIET)	NOV'2015	CIVIL
37	EVALUATIO N OF REFERENCE EVAPOTRA NSPIRATIO N ESTIMATIO N METHODS AND DEVELOPM ENT OF CROP COEFFICIEN T MODELS	K.V.SIVAK UMAR BABU	ISSN Print: 0976-6308 and ISSN Online: 0976-6316	INTER NATIO NAL JOURN AL OF CIVIL ENGIN EERIN G & TECHN OLOGY (IJCIET)	NOV'2015	CIVIL

#	Title	Author	ISSN	Journal	Date	Dept
38	STUDY OF LAND USE CHANGES AND URBAN EXPANSION OF VIJAYAWADA CITY USING REMOTE SENSING DATA	K. Sundara Kumar	ISSN: 2349-2163	International Journal of Innovative Research in Advanced Engineering	March 2015	CIVIL
39	PREDICTION OF FUTURE LAND USE LAND COVER CHANGES OF VIJAYAWADA CITY USING REMOTE SENSING AND GIS	K. Sundara Kumar	ISSN: 2349-2163	International Journal of Innovative Research in Advanced Engineering	March 2015	CIVIL
40	STUDY ON URBAN SURFACE TEMPERATURE CHANGES OF VIJAYAWADA CITY USING REMOTE SENSING AND GIS	K. Sundara Kumar	ISSN: 2349-2163	International Journal of Innovative Research in Advanced Engineering	March 2015	CIVIL
41	ASSESSMENT OF GROUND	K. Sundara Kumar	ISSN: 2349-2163	International Journal	March 2015	

	WATER QUALITY USING WATER QUALITY INDEX			of Innovative Research in Advanced Engineering		
42	APPLICATION OF LAND CHANGE MODELER FOR PREDICTION OF FUTURE LAND USE LAND COVER A CASE STUDY OF VIJAYAWADA CITY	K. Sundara Kumar	ISSN: 2348-7550	International Journal of Advanced Technology and Science	Sept-2015	CIVIL
43	STUDIES ON STRENGTH CHAR ACTER ISTICS OF CONC RETE WITH META KOALI N AS AN ADMI XTURE	K. Sundara Kumar	ISSN: 2395 - 0056	International Research Journal of Engineering and Technology	Dec-2015	CIVIL
44	NON-DESTRUCTIVE	K. Sundara Kumar	ISSN: 2395 -	International Research	Dec-2015	

	EVALUAT ION OF STRUCTU RAL HEALTH OF A BUILDING USING REBOUND HAMMER		0056	Journal of Engineer ing and Technol ogy		
45	STUDIE S ON STRENG TH CHARAC TERISTI CS OF FIBRE REINFORC ED CONCRE TE WITH WOOD WASTE ASH	K. Sundara Kumar	ISSN: 2395 - 0056	Internati onal Research Journal of Engineer ing and Technol ogy	Dec-2015	CIVIL
46	PREDICTIO N OF CHANGES IN URBAN MICRO-CLIMAT E USING REMOTE SENSING DATA AND ARTIFICI AL NEURAL NETWOR K MODEL	K. Sundara Kumar	ISSN: 1561-882x	Wulfenia Journal/ Internati onal (Thoms on Reuters Journal Citation Reports listed with Impact Factor: 0.3)	Dec-2015	CIVIL

Annexure – VII
Copy of List of Faculties
Continuing Ph.D.

USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY, TELAPROLU, KRISHNA DISTRICT

TEACHERS DEPUTED FOR HIGHER EDUCATION — 2015-16

S No	Name	Dept	Qualification on DOJ	Course deputed	Institution	Roll No.	Remarks
1	Mr K Babu Rao	ECE	M Tech	Ph D	JNTUK		
2	Mr M Vijaya Raju	CSE	M Tech	Ph D	JNTUK		
3	Ms T Supraja	ECE	B Tech	M Tech	URCE	15NG1D6807	
4	Mr T Sai Krishna	Civil	B Tech	M Tech	URCE	14NG1D8714	
5	Mr T Mahesh Kumar	Civil	B Tech	M Tech	URCE	15NG1D8702	
6	Ms B Usha Rani	Mech	B Tech	M Tech	URCE	15NG1D1501	
7	Mr B Naga Raju	Mech	B Tech	M Tech	URCE	15NG1D1506	
8	Mr S Gopi Krishna	CSE	B Tech	M Tech	URCE	15NG1D5803	

FACULTY DEPUTED FOR WORKSHOPS

S. No.	Name of the faculty	Designation	Dept	Title of the Workshop	Duration	Organised by	Remarks
1	Mr V Srinivasa Rao	Associate Professor	Civil	Fire Affected Concrete Structures	28-03-16	AU College of Engg, Visakhapatnam	
2	Mr M Vijaya Raju	Assistant Professor	CSE	Introduction to Design of Algorithms	27-04-15 to 30-05-15	ISTE	

PRINCIPAL
USHA RAMA COLLEGE OF
ENGGINEERING & TECHNOLOGY
TELAPROLU-521 109.

Annexure – VIII
Photos of Physical Infrastructure

Annexure – IX
Copy of Academic Distinctions – University Ranks

JNTUK University Rank for the AY 2015-16

Name of the Student :V.Mukesh
Roll No: 11NG1A1920
Branch : ECM

Annexure – X
Copy of Technical Events

S.NO	DATE	PROGRAM TITLE	CHIEF GUEST
1	19-03-2016	UR Spree 2016 Annual Day Celebrations	Cheif Guest sri Dr V SeshagiriRao, former Associate Director, SDSC SHAR, Sriharikota., AP Guest of Honor sri Dr I V MuraliKrishna,Distinguished Fellow, DRDO
2	08-03-2016	WOMEN'S DAY CELEBRATIONS	Y Sarada Devi, Sarada educational institutions, VJA. P Anuradha, DivEngg of DrNTTPS(VTPS), AP GENCO,VJA
3	05-02-2016 and 06-02-2016	PCB DESIGN(ECE & EEE)	V.GOVINDHA RAO, MANAGING DIRECTOR
4	30-01-2016	REFRIGERATION & AIR CONDITIONING(Mechanical)	GANESH from Samsung Electronics
5	29-01-2016 and 30-01-2016	TOTAL STATION & IT'S APPLICATIONS(Civil)	G.BHOGAYYA NAIDU (V.R.SIDDHARTHA ENGG COLLEGE)
6	20-02-2016	TWO DAY NATIONAL LEVEL TECHNO CULTURAL SYMPOSIUM yoURfest 2016 SECOND DAY	URCE CHAIRMAN SRI SUNKARA RAMABRAHMAM SECRETARY & CORRESPONDENT SRI ANIL SUNKARA DIRECTOR SRI ARUN LANKA
7	19-02-2016	TWO DAY NATIONAL LEVEL TECHNO CULTURAL SYMPOSIUM yoURfest 2016 FIRST DAY	URCE CHAIRMAN SRI SUNKARA RAMABRAHMAM DIRECTOR SRI ARUN LANKA MS. SHEETHAL SONI CHANNEL MANAGER IBM P DAS GUPTA OF IBM
8	15-02-92016	POOL CAMPUS DRIVE, GENPACT	HR OFFICIALS FROM GENPACT
9	3-10-2015	Industry and Academia interation with TATA CONSULTANCY SERVICES (TCS)	K. SURYANARAYANA - SR. CONSULTANT TCS.

10	30-09-2015	INAUGURATION OF WOMEN EMPOWERMENT & GRIEVANCE CELL (WEGC)	MRS. (DR) V. RADHIKA REDDYPROFESSOR OF PSYCHIATRY SIDDARDHA MEDICAL COLLEGE.
11	27-09-2015 to 30-09-2015	IBM TRAINING PROGRAM FOR CSE; IT; ECM BRANCHES ON BIG DATA & ANALYTICS	MR. R. MALLARSWAMY - TRAINER FROM IBM SOFTWARE LABS
12	22-09-2015 to 25-09-2015	IBM TRAINING PROGRAM FOR EEE; ECE; CSE; IT BRANCHES ON HTML 5, JAVA SCRIPT, DOJO MOBILE AND BUSINESS INTELLIGENCE USING IBM COGNOS	MS. VISHALATCHI - TRAINER FROM IBM SOFTWARE LABS MR. JAYEN THAKKER - TRAINER FROM IBM SOFTWARE LABS
13	15-09-2015	ENGINEERS DAY	PROF. V. SRINIVASULU, DEPT. OF CIVIL, JNTU KAKINADA. PROF. G. VISWANATH KUMAR, DEPT. OF CIVIL, ANDHRA UNIVERSITY.
14	03-09-2015	ONE DAY NATIONAL WORKSHOP ON MICRO ELECTRO MECHANICAL SYSTEMS (MEMS) 2015 by Mechanical EnggDept	RESOURCE PERSON, PROF: A.K. PANDEYIIT HYDERABAD
15	24-08-2015	INAUGURATION OF TATA TECHNOLOGIES CENTRE FOR COMPETENCE	MR. DEVINENI UMA MAHESWARA RAO, MINISTER FOR IRRIGATION, GOVT. OF AP. MR. VALLABHAVENI VAMSI MOHAN, MLA GANNAVARAM. GUEST OF HONOUR MR. WISHWAS JULKA, GLOBAL VICE PRESIDENT, TATA TECHNOLOGIES LTD.
16	21-08-2015 & 22-08-2015	WORKSHOP ON ADVANCED STRUCTURAL ANALYSIS USING STADDPRO by CIVIL EnggDept	DR.P.UDAYBHASKAR, DIRECTOR, ACADEMICS & PLANNING, JNTUK KAKINADA.

17	10-08-2015	ANTI RAGGING DAY	MR. ABHISHEK MOHANTHI, ASST. COMMISSIONER OF POLICE (EAST ZONE), VIJAYAWADA.
18	17-07-2015	IEEE WORKSHOP (WSDIAP 2015) by EEE department	MR. PVR NARASIMAHAM HOD EEE VR SIDDHARTHA ENG.COLLEGE VIJAYAWADA
19	13-06-2015	SIKSHANA PROGRAM	MR. YARLAGADDA PRASAD, VICE PRESIDENT, INFORMATION TECHNOLOGIES, USA

Annexure – XI
Copy of Our Proud Alumni

Rajeev Krishna

Project Director at Krishnas Software Technologies

Vijayawada

Andhra Pradesh

India

http://www.krishnasoft.in/

Annexure – XII
Copy of Graduation day–2015

NOT APPLICABLE

Annexure–XIII
Copy of Eye Camp, Blood Donation, National Programme

S. No.	Date	Event Name	Conducted by	Venue
2015-16				
5.	13/10/2015	DURGA TEMPLE VOLUNTEERS	NSS	DURGA TEMPLE ,VIJAYAWAD A
6.	31/12/2015-4/1/2016	AYYAPPA SWAMY VOLUNTEERS	NSS	GOLLAPUDI
7.	5/2/2016	BLOOD DONATION	NSS	URCET
8.	01/01/2016	CLOTH DISTRIBUTION	NSS	SLUMS OF VIJAYAWADA
2014-15				
25.	23/04/2014	yuvabharath	NSS	VIJAYAWADA
26.	6/5/14-7/5/2014	ELECTION VOLUNTEERS	NSS	KANKIPADU CONSTITUENCY
27.	5/6/2014	ENVIRONMENTAL DAY	NSS	URCET
28.	8/7/2014	BLOOD DONATION CAMP	NSS	URCET
29.	25/09/2014 - 4/9/2014	DURGA TEMPLE VOLUNTEERS	NSS	VIJYAWADA
30.	10/10/2014	SEMINAR ON EYE CARE	NSS	SEMIAR HALL,URCET
31.	14/10/2014	HUDH HUDH CYCLONE RELEIF	NSS	VISAKHAPATAN AM
32.	14/11/2014	SWACHA BHARATH		COLLEGE
33.	24/11/2014 – 1/12/2014	JIO 30TH NATIONAL JUNIOR ATHLETE CHAMPIONSHIP	URCET	IGMS,VIJAYAWA DA
34.	1/12/2014	AIDS DAY	URCET	TELAPROLU
35.	23/12/2014	GOOD GOVERNENCE DAY	URCET	SEMINAR HALL
36.	30/1/2014-5/2/2014	SPECIAL CAMP	NSS	SAVARGUDEM
2013-14				
37.	3/07/2013	uttarkhand floods relief	NSS	VIJAYAWAD

S. No.	Date	Event Name	Conducted by	Venue
		donation collection		A
38.	05/08/2013	cloth distribution	NSS	POTTIPADU
39.	06/11/2013	blood donation	NSS	URCE
40.	21/11/2013	dental camp(Siddhartha college)	NSS	URCE
41.	25/11/2013	eye camp	NSS	URCE
42.	09/12/2013	election cards	NSS	POTTIPADU
43.	19/12/2013	goal setting seminar	URCET	COLLEGE
44.	01/01/2014	distribution of blankets	URCET	SLUMS OF VIJAYAWADA
45.	19/01/2014	pulse polio	URCET	TELAPROLU
46.	23/01/2014	road safety	URCET	URCE
47.	**05/02/2014**	helping hands	YVR. Hospitals, Vijayawada	**vijayawada**
48.	28/01/2014	lions club membership	URCET	vijayawada

Annexure–XIV
Copy of College Committees

EXECUTIVE COMMITTEE

S. No.	Name	Position
1	Sri Sunkara Rama Brahmam	President
2	Sri Lanka Arun Kumar	Vice-President
3	Sri Sunkara Anil Kumar	General Secretary
4	SmtBoppana Sri Shilpa	Joint Secretary
5	SmtSunkaraUsha Rani	Treasurer
6	Sri Sunkara Ajay Kumar	Executive Member

AdmissionCommitte

Sno	Name	Designation	Committee
1	Dr.V.Rajesh	Principal	Chairman
2	Arun Lanka	Director	Member
3	Dr.B.N.Srinivas	Director Admissions	Member
4	Dr.A.M.M.Rao	Director Academics	Member
5	S.Murali	AO	Member
6	Y.VenkateswaraRao	Estate Officer	Member
7	V.SriHari	Assistant Professor	Member
8	K.ThambiBabu	Assistant Professor	Member

Discipline Committee

Sno	Name	Designation	Committee
1	Dr.V.Rajesh	Principal	Chairman
2	Dr.A.M.M.Rao	Director Academics	Member
3	ALL HODS	Heads of the Department	Member
4	P.Abel Kumar	Physical Director	Member

Anti-Ragging Committee

USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY

ANTI RAGGING COMMITTEE: 2015-16

Dt:07/07/2015

Convener: Dr. A. Madana Mohana Rao, Mobile No: 9440495701

Co-convener: J S S Kalyan, Mobile No: 7093325903

Place	Time	Name	DEPT
R-Block Ground Floor	8.30 AM TO 12.30 PM	K.Yashoda	CSE
		V.Ratna Kumari	CSE
	12.30 PM TO 4 PM	B.Sirisha	CSE
		Jayasri	EEE
R-Block I Floor	8.30 AM TO 12.30 PM	M.Ramakrishna	IT
		M.Rajesh	IT
	12.30 PM TO 4 PM	A.Balaji	EEE
		Kranthi kumar	EEE
R-Block II Floor	8.30 AM TO 12.30 PM	Mrs.K.Soujanya	ECE
		Ms. J.Usha Rani	ECE
	12.30 PM TO 4 PM	G.Padmanabhaiah	ECE
		M.K.Kishore	ECE
R-Block III Floor	8.30 AM TO 12.30 PM	V.Praveena	ECE
		CH. Sujana	ECE
	12.30 PM TO 4 PM	B,Raja Rao	ECE
		M.Purna Kishore	ECE
R-Block IV Floor	8.30 AM TO 12.30 PM	Dr. Ramesh & T. Srikanth Naidu	S&H
		N.Vijaya & K.Subba Rao	S&H
	12.30 PM TO 4 PM	P. Tirupathi Rao & K.Ambika	S&H
		T. Anil Kumar & M.N.Deepthi	S&H
U-Block	8.30 PM TO 4 PM	Dr. L. Rasidhar & J S Suresh	Mech.
		K. Sundar Kumar & V. Srinivasa Rao	Civil
W-Block	8.30 PM TO 4 PM	D. Murali Krishna & B.Rukesh	Diploma
Cafeteria	9-15AM to 9-45AM	P. Kishore & K.Siva Prasad	S&H
	12-00PM to 1-15PM	A.Suneel Kumar & M.Rama Krishna	ECE
Parking	4 PM to 4-30 PM	ALL HOD's	

Principal

Library Committee

USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY

Ph : 08676-202279

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

NH5, Telaprolu, Near Gannavaram, Ungutur, Krishna Dist - 521 109. A.P., INDIA

Website : www.usharama.com   E-Mail : principal@usharama.com

Date : ....
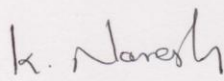
LIBRARY COMMITTEE FOR THE ACADEMIC YEAR 2015-16

CIRCULAR
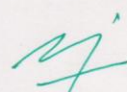
The following members of the faculty are deputed as members of the library committee, with immediate effect, for the academic year 2015-16. The members, constituted from all engineering branches are required to conduct meetings to discuss the matters relevant to the maintenance, arrangements, and improvement of the college library standards, in coordination with the librarian. They are also supposed to submit the minutes of the meetings conducted on regular intervals.

The members of the committee are:

S.NO.	NAME	DESIGNATION	BRANCH
01	Mr. V. Srinivasa Rao	Asst. Professor	Civil
02	Mr. M. Rambabu	Asst. Professor	EEE
03	Mr. K. Srinivasa Rao	Asst. Professor	Mechanical
04	Mr. E. Ramakrishna Reddy	Asst. Professor	ECE
05	Ms. V. Anusha	Asst. Professor	CSE
06	Mr. B. Trivikrama Rao	Asst. Professor	IT
07	Mr.K.Naveen Kumar	Asst. Professor	H&S

PROF-IN-CHARGE(LIBRARY)

PRINCIPAL

PRINCIPAL
USHA RAMA COLLEGE OF
ENGINEERING & TECHNOLOGY
TELAPROLU-521 109.

COPY TO THE PROF –IN.CHARGE
EMAIL TO ALL HODS
EMAIL TO ALL MEMBERS OF STAFF (URCE)
HARD COPY TO THE CHAIRMAN

R&D Committee

Sno	Name	Designation	Committee
1	Dr.B.N.Srinivas	Director R&D	Chairman
2	Muni Mahesh	Technical Manager	Member
3	M.Samba Siva Rao	HOD-CSE	Member
4	Y.V.V.N.Vara Prasad	HOD-IT	Member
5	M.Koteswara Kishore	Assistant Professor	Member
6	V.SrinivasaRao	Associate Professor	Member
7	G.Raja Sanjay Krishna	Associate Professor	Member
8	Dr.P.Ramesh	Associate Professor	Member

Purchase Committee

Sno	Name	Designation	Committee
1	Dr.V.Rajesh	Principal	Chairman
2	Arun Lanka	Director	Member
3	Dr.B.N.Srinivas	Director R&D	Member
4	Dr.A.M.M.Rao	Vice Principal	Member
5	S.Murali	AO	Member
6	B.Sarma	Office Superindent	Member
7	V.Sunil	Incharge-Stores	Member
8	Y.Yamini	Store Keeper	Member

Sports Committee

Sno	Name	Designation	Committee
1	Dr.V.Rajesh	Principal	Chairman
2	P.Abel Kumar	Physical Director	Member
3	K.Naveen Kumar	Assistant Professor	Member
4	N.Vijaya	Assistant Professor	Member
5	K.RagaNithya	Assistant Professor	Member

HOSTEL (Boys) STUDENT COMMITTEE

Sno	Name	Designation	Committee
1	Dr.V.Rajesh	Principal	Chief Warden
2	M.RamBabu	Assistant Professor	Warden
3	Nakkuludu	Care Taker	Asst.Warden
4	Y.KamalakarRao	Incharge	Member
5	Ahmed Bin Abdulla	Student	Member
6	M .L.Srinivas	Student	Member

HOSTEL (Girls) STUDENT COMMITTEE

Sno	Name	Designation	Committee
1	Dr.V.Rajesh	Principal	Chief Warden
2	M Vijaya	Assistant Professor	Warden
3	Y Vijaya Lakshmi	Care Taker	Asst.Warden
4	Y.KamalakarRao	Incharge	Member
5	PSK Pranathi	Student	Member
6	A Naga Deepika	Student	Member

Annexure – XV
Copy of List of
MOUs signed

Microsoft

Ph : 08676-202279
Fax : 08676-280455

USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to JNTU Kakinada.
NH5, Telaprolu, Near Gannavaram, Ungutur Mandal, Krishna Dist - 521 109, A.P., INDIA
Website : www.usharama.com   E-Mail : principal@usharama.com

Date : ....

PURCHASE ORDER

Date: 26th September 2014

To
M/s. Sri Pavan Computers
21-9-9, RR Road
Krishnakanth Road, Kakinada - 533001

Sub: Purchase order for Microsoft licenses– Reg.

With reference to above cited subject we are pleased to release purchase order for Microsoft Licenses. .
Bill of Material as below. All terms & conditions as per program stand applies. Please process the same
and update the delivery status.

Part Number	Product description		Units	Total (INR)
H S T - 0 0 0 0 7	CrtfctnAcdmcVL Fee OLV E Each Acdmc AP MTACertSitePack(250) - Maximum 250 students	2		
H S T - 0 0 0 0 1	CrtfctnAcdmcVL Fee OLV E Each Acdmc AP MCPCertPk(30)		10	1,091,227.86
Grand Total Price with Service tax @ 12.36% + 5% VAT				1,091,227.86

Terms & conditions:

1. Payment: 100% advance along with PO.
2. Delivery: E-license within One week to 10 days.

Yours Faithfully
For **USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY**

Authorized Signatory
21th Sep 2014

MICROSOFT

USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY

PURCHASE ORDER

Date 26ᵗʰ September ...

To
M/s. Sri Pavan Computers
21 9 9, RR Road
Krishnakanth Road Kakinada 533001

Sub: Purchase order for Microsoft licenses– Reg.

With reference to above cited subject we are pleased to release purchase order for Microsoft Licenses Bill of Material as below. All terms & conditions as per program stand applies. Please process the same and update the delivery status.

Part Number	Product description	Units	Total (INR)
		10	1 091 222 86

Grand Total Price with Service tax @ 12 36% + 5% VAT	1,091,227.86

Terms & conditions

1. Payment 100% advance along with PO
2. Delivery E-license within One week to 10 days.

Yours Faithfully
For **USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY**

Authorized Signatory
21ᵗʰ Sep 2014

MICROSOFT

USHA RAMA EDUCATIONAL ACADEMY

2-91/45/AH, 401, Arlington Heights, Whitefields
Kondapur, Hyderabad - 500 082, A P, INDIA Phone 91-40-40206411

PURCHASE ORDER

Date: 13th June 2014

To
M/s. NEcX PVT LTD
5-A/4, Road No 1, Street No 1, IDA, Nacharam
Hyderabad – 500076

Sub: Purchase order for Microsoft licenses & Edvantage program – Reg.

With reference to above cited subject we are pleased to release purchase order for Microsoft Licenses. .
Bill of Material as below. All terms & conditions as per program stand applies. Please process the same
and update the delivery status.

Part Number	Product description		Units	Total (INR)
2UJ-00011	DsktpEdu ALNG LicSAPk OLV E 1Y Acdmc Ent		100	
54R-00141	CS-MSITAcademy ALNG SubsVL OLV E 1Mth Acdmc AP Srvcs		12	
H5T-00007	CrtfctnAcdmcVL Fee OLV E Each Acdmc AP MTACertSitePack(250) - Maximum 250 students		3	18,49,883.64
H5T-00001	CrtfctnAcdmcVL Fee OLV E Each Acdmc AP MCPCertPk(30)		10	
4HR-00400	WinSL 8 1 SNGL OLP NL Acdmc Legalization GetGenuine		100	
228-09538	SQLSvrStd ALNG LicSAPk OLV E 1Y Acdmc AP		1	
P73-05566	WinSvrStd ALNG LicSAPk OLV E 1Y Acdmc AP 2Proc		1	
			Total:	18,49,883.64
		Price with Service tax @ 12 36%		20,78,529.26
		Grand Total Price with Service tax @ 12.36% + 5% VAT		21,82,455.72

Terms & conditions:

1. Payment: 50% along with PO and 50% in 30days.
2. Delivery: E-license within One week to 10 days.

Yours Faithfully
For UshaRama College of Engineering

Authorized Signatory
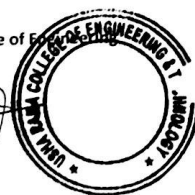
ORACLE

ORACLE WORKFORCE DEVELOPMENT PROGRAM ("WDP") AGREEMENT

DEFINITIONS

"You" and "your" refers to the entity that meets the criteria set forth below and has executed this agreement ("agreement") and ordered Oracle programs, materials and/or services from Oracle India Pvt Ltd ("Oracle"). The term "Instructor" means an individual that you employ to teach a Class and who has demonstrated experience and mastery of the Oracle Programs and Materials specific to such Class. The term "WDP Class" means a class that you provide in an Institution for Students in addition to your regular curriculum and following the format detailed subsequently in this agreement that uses the Programs and Materials in accordance with this agreement. The term "Student" means a student enrolled in a WDP Class you offer pursuant to the terms of this agreement. The term "Institution" means the specific Training Centers as listed in Exhibit A. In case the training centers listed in Exhibit A are not your owned and operated centers, each such training center shall first agree in writing with you to use the programs and services under the terms of this agreement. You shall be responsible for any breach of the terms of this agreement by such training centers specified in Exhibit A. The term "WDP Instructor Materials" means the teaching material available from Oracle for your Instructors to use when teaching a WDP Class, which may include: Instructor manuals, Instructor presentation materials, set-up scripts, and documentation. The term "WDP Student Materials" means a single copy of the Student materials available from Oracle that you must provide to each Student for use in conjunction with the applicable Class, which may include student guides, reference guides, and documentation. Oracle may provide WDP Student Materials in electronic format for download or in hard copy format, as designated by Oracle. The term "WDP Materials" means the Instructor Materials and WDP Student Materials collectively. The term "WDP website" means the worldwide web site established and maintained by Oracle for the Oracle Workforce Development Program, located at http://workforce.oracle.com. Certain information, materials and documents which this agreement describes as being located at the WDP website may be supplied to you directly by Oracle if the WDP website is unavailable. The term "services" means technical support, education or any other services provided under this agreement. The term "Programs" means the Oracle software products owned or distributed by Oracle for which you receive licenses subject to the terms of this agreement, as well as program documentation and any program updates acquired through technical support, that are listed on the WDP website at https://workforce.oracle.com/wdp_software.html and listed in Exhibit B of this agreement.

WDP CURRICULUM GUIDELINES

You must:

- schedule WDP Classes so that no more than 12 hours of instruction per WDP Class are delivered in any given week. This 12-hour per week instructional limit shall apply in all cases except where WDP Classes are no more than seventy percent (70%) of a full-time training program that is at least five months in duration.
- reference in the WDP class your use of Oracle Programs and WDP Materials.
- supply a single copy of the relevant WDP Student Materials to each Student in a WDP Class.
- teach all WDP Classes at your facilities. Each facility must have a registered WDP Member Account with Oracle. Any distance education or online delivery of WDP Classes requires prior written approval by Oracle.
- provide Oracle with a valid, unique e-mail address for each Student name to facilitate Oracle's delivery of electronic versions of WDP Student Materials, as applicable.
- be responsible for lab technical support for WDP Classes. Oracle will provide technical support for the Programs via WDP under Oracle's then current technical support policies, which are subject to change and may contain additional terms. You may access the current version of the technical support policies at http://oracle.com/contracts.

WDP Agreement V073009_IN4

Oracle Confidential

Page 1 of 8

Usha Rama Educational Academy
401 Arlington Heights White Fields
Kondapur Hyderabad-500 082

Microsoft Licences
Ledger Account

1-Apr-2014 to 31-Mar-2015

Page 1

Date	Particulars	Vch Type	Vch No	Debit	Credit
26-9-2014	To Necx Pvt.Ltd	Journal	204	10 91 228 00	
	To Sri Pavan Computers	Journal	206	10 91 228 00	
				21 82 456 00	
					21,82,456 00
	By Closing Balance			21,82,456.00	21,82,456.00

For USHA RAMA EDUCATIONAL ACADEMY

Authorised Signatory

Usha Rama Educational Academy
401 Arlington Heights White Fields
Kondapur Hyderabad-500 082

Adventures International Pvt.Ltd
Ledger Account

1-Apr-2014 to 31-Mar 2015

Page 1

Date		Particulars	Vch Type	Vch No	Debit	Credit
1-4-2014	By	Opening Balance				45,69,815.00
28-5-2014	By	Webtek Labs Pvt Ltd	Journal	60		10,44,950.00
26-9-2014	By	Sri Pavan Computers	Journal	205		10,91,228.00
	By	Fice Education	Journal	207		6,22,703.00
26-12-2014	By	Tata Technologies	Journal	321		35,83,300.00
						1,09,11,996.00
	To	Closing Balance			1,09,11,996.00	
					1,09,11,996.00	1,09,11,996.00

For USHA RAMA EDUCATIONAL ACADEMY

Authorised Signatory

Exhibit B

List of Oracle Programs covered under this agreement dated

#	Course Title	Duration (hrs)
1	Oracle Database 10g: New Features for Administrators 2.1 English Student Kit	40
2	Oracle Database 10g: Introduction to SQL 3.0 English Student Kit	40
3	Oracle Database 10g: Administration Workshop I 3.1 English Student Kit	40
4	Oracle Database 10g: Administration Workshop II 3.1 English Student Kit	40
5	Oracle Database 10g: Program with PL/SQL 2.1 English Student Kit	40
6	Oracle Forms Developer 10g: Build Internet Applications 2.0 English Student Kit	40
7	Oracle Reports Developer 10g: Build Reports English Student Kit	40
8	Oracle Database 11g: Introduction to SQL 2.0 English Student Kit	40
9	Oracle Database 11g: New Features for Administrators 2.1 English Student Kit	40
10	Oracle Database 11g: Administration Workshop I 2.0 English Student Kit	40
11	Oracle Database 11g: Administration Workshop II - 2.0 English Student Kit	40
12	Oracle Database 11g: Program with PL/SQL 2.0 English Student Kit	40
13	Fundamentals of the Java Programming Language, Java SE 6, 1.1 English Student Kit	40
14	Java Programming Language, Java SE 6, 1.1 English Student Kit	40
15	Developing Applications for the Java EE 6 Platform, 2.0 English Student Kit	40
16	Web Component Development with Servlets & JSPs, Java EE 6, 1.1 English Student Kit	40
17	Business Component Development with EJB Technology, Java EE 6, 1.1 English Student Kit	40
18	MySQL for Developers 1.0 English Student Kit	40
19	MySQL and PHP - Developing Dynamic Web Applications 1.0 English Student Kit	40
20	Java SE 7 Programming, 2.0 English Student Kit	40
21	Java SE 7 Fundamentals, 2.0 English Student Kit	40
22	Java SE 7 New Features, 2.0 English Student Kit	16
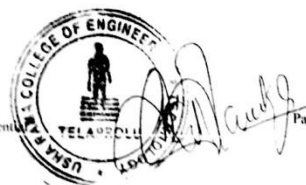
ORACLE

USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY

WDP Order Summary

WDP Order Trucking Number:

Order Date: Date

INSTRUCTIONS Please follow the instructions below for completing this order. The order will be completed and ready for processing when the full set of requested order documentation has been received via fax. If you have questions about this order, contact @oracle.com

PREPARING YOUR PURCHASE ORDER Please ensure that your PO meets the following requirements

1. PO must be printed on institution letterhead
2. Where indicated, PO must have authorized signatures
3. PO must reference the details of this WDP order
4. PO value must equal the Total Cost of this order plus any applicable local taxes

PURCHASE ORDER PAYMENT PROCEDURE

1. Print and sign a copy of this page
2. Confirm that your PO meets the requirements outlined above
3. Fax the following documents to 91 80 41131554

* A copy of this page
* Purchase Order
* Tax exempt certificate (if applicable)

Order Details

Item	Description	Qty	Cost	Total
	WDP Membership Fee or Renewal Fee	1	29,230.00	29,230.00
	Licenses – Database Personal Edition, Database Enterprise Edition, Change Management Pack, Diagnostics Pack, Tuning Pack, Internet Developer Suite, and Internet Application Server Enterprise Edition			

Subtotal	
Applicable Taxes or Duties	29,230.00
Shipping	5,147.40
Total	34,377.40

Number of students who will be licensed to use this software - 100

Institution Name: usharama college of eng	**Institution Name:** usharama college of eng
Shipping Information	**Shipping Information**
Contact Name: Mr. Arun	Contact Name: Mr. Arun
Email: arun@adso.com	Email: arun@adso.com
Phone Number: 9959782255	Phone Number: 9959782255
Fax	Fax –
Address: ,	Address: ,
usharama college of eng, telaprolu, krishna distt. A.p	usharama college of eng, telaprolu, krishna distt. A.p
City: Telaprolu State/Province/Region: Postal Code: 521109 Country: India	City: Telaprolu State/Province/Region: Postal Code: 521109 Country: India

Signature:

Date:

USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY
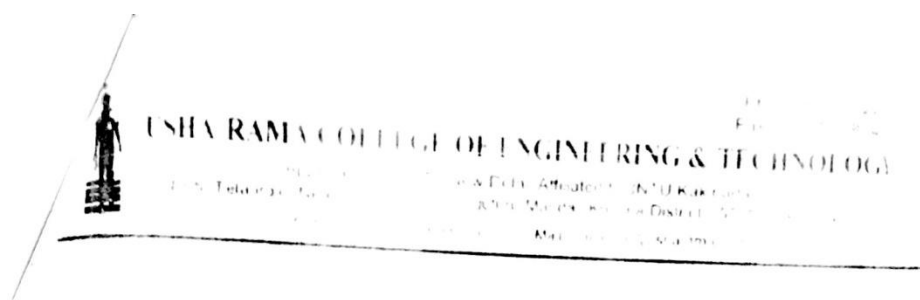
Oracle India Private Limited	Purchase Order			
DLF Building No. 8, Tower "C", Ground & 7th Floor DLF Cyber City, DLF Phase II, Gurgaon - 122 002, Haryana	P.O Number: ushrama/oraice/14/101 Date: Contact Person: Mr. Arun Contact Number: 99 97822 5			
Attn:	Email iD: arun@adic.com			
Customer Complete address: ushara ma college of eng, telaprolu, krishna distr. A.p				
We are pleased to place an Order for rendering the following services:				
Sr. No.	Description	Duration	List Price	Tax	Total Amount
1	WDP Membership Fee	Valid for One Year	29,230.00	5,147.40	34,377.40
Amount in words in Indian Rupees :				
PAYMENT TERMS : 100% advance payment alongwith Purchase Order.				

We are enclosing herewith DD/CHQ. No. _____ drawn on _____

for Rs. _____ against _____

Thanking You,
Yours faithfully,

(Signature of Authorised Signatory & Organization Seal)

TATA TECHNOLOGIES Ph : 08676-202279
Fax : 08676-280455

USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to JNTU Kakinada.
NH5, Telaprolu, Near Gannavaram, Ungutur Mandal, Krishna Dist - 521 109. A.P., INDIA
Website : www.usharama.com   E-Mail : principal@usharama.com

To,

Date : ....

M/S TATA Technologies Limited

No.25, Rajiv Gandhi Infotech Park

Hinjewadi
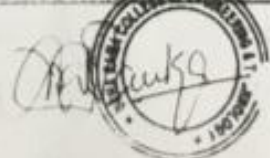
Pune – 411057

Sub: Purchase of CAD/CAE & E-learning solution towards setting up of Centre of Excellence For Bringing Industry Defined Graduate Engineers (BRIDGE) programme.

Ref: Your quotation No: Ref No. TTL/CHN/URCE/14-15/01 dated July 7th 2014

With reference to your quotation, we are pleased to place the order for phase 1 towards the supply CAD / CAE & E-Learning solution towards setting up of Centre of Excellence.

Sl. No.	Requirement	Trigram	Description	Qty	Prices in INR excluding taxes

Usha Rama Educational Academy
401,Arlington Heights,White Fields
Kondapur,Hyderabad-500 082

E-Learning Solution Licences
Ledger Account

1-Dec-2014 to 31-Dec-2014

Page 1

Date		Particulars	Vch Type	Vch No.	Debit	Credit
26-12-2014	To	Tata Technologies	Journal	322	35,83,300 00	
	To	Tata Technologies	Journal	323	32,94,031 00	
					68,77,331 00	
	By	Closing Balance				68,77,331 00
					68,77,331.00	68,77,331.00

For USHA RAMA EDUCATIONAL ACADEMY

Authorised Signatory

Annexure – XVI
Copy of audited Income and Expenditure Statements for the last three years

INDIAN INCOME TAX RETURN ACKNOWLEDGEMENT

[Where the data of the Return of Income in Form ITR-1 (SAHAJ), ITR-2, ITR-2A, ITR-3, ITR-4S (SUGAM), ITR-4 , ITR-5, ITR-6,ITR-7 transmitted electronically with digital signature]

Assessment Year 2015-16

Name		PAN
USHA RAMA EDUCATIONAL ACADEMY		AAATU2613A

Flat/Door/Block No	Name Of Premises/Building/Village	Form No. which has been electronically transmitted
401	ARLINGTON HEIGHTS	ITR-7
Road/Street/Post Office	Area/Locality	
OPP.JAYABHERI SILICON TOWERS	KONDAPUR	Status AOP(Trust)
Town/City/District	State	Pin	Aadhaar Number
HYDERABAD	TELANGANA	500082	

Designation of AO(Ward/Circle)	DDADIT-EXEMPTION,HYD	Original or Revised	ORIGINAL
E-filing Acknowledgement Number	841414651300915	Date(DD/MM/YYYY)	30-09-2015

1	Gross total income			1	0
2	Deductions under Chapter VI-A			2	0
3	Total Income			3	0
3a	Current Year loss, if any			3a	0
4	Net tax payable			4	0
5	Interest payable			5	0
6	Total tax and interest payable			6	0
7	Taxes Paid	a Advance Tax	7a	0	
		b TDS	7b	77785	
		c TCS	7c	0	
		d Self Assessment Tax	7d	0	
		e Total Taxes Paid (7a+7b+7c+7d)		7e	77785
8	Tax Payable (6-7e)			8	0
9	Refund (7e-6)			9	77785
10	Exempt Income	Agriculture		10	0
		Others			0

This return has been digitally signed by USHA RAMA EDUCATIONAL ACADEMY in the capacity of PRESIDENT

having PAN ANGPS9420H from IP Address 122.169.146.71 on 30-09-2015 at HYDERABAD

Dsc Sl No & issuer 699588CN=eMudhra Sub CA for Class 2 Individual 2014, O.I=Certifying Authority, OreMudhra Consumer Services Limited, C=IN

DO NOT SEND THIS ACKNOWLEDGEMENT TO CPC, BENGALURU

USHA RAMA EDUCATIONAL ACADEMY

RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2015

[Amount In Rs.]

	PARTICULARS	AMOUNT (RS.)				PARTICULARS	AMOUNT (RS.)
				By		Payments to creditors(Cap Itm)	135,762,199
To	Opening Balance			By		Staff welfare	3,911,303
	Cash at Bank	5,910,420		By		Purchase of Fixed Assets	20,573,952
	Cash on Hand	543,620	6,454,040	By		Salaries & Wages	43,330,002
				By		Internet Charges	134,585
To	Capital Introduced	-		By		Telephone Charges	157,965
To	Unsecured Loans		60,195,385	By		Insurance for vehicles	577,552
To	Secured Loans		89,285,824	By		Insurance for buildings	49,672
To	Tuition Fee		36,721,587	By		Electricity Charges	1,649,715
To	Tuition Fee (2012-13 & 13-14)		37,294,633	By		Postage & Courier Services	15,853
To	Interest Received		759,099	By		Vehicle Fuel Charges	2,923,004
To	Bus Fee		5,076,551	By		Printing & Stationary	893,625
To	Hostel Fee		4,316,810	By		Administrative Expences	334,456
To	consultancy Income		424,780	By		Interest on vehicle loan	380,720
To	Exams fee from students		3,826,301	By		Vehicle repairs & maintanance	1,803,689
To	University fee		4,583,392	By		Rates & Taxes	644,277
				By		Jntu affiliation fee	4,583,392
				By		Jntu Exams fee for students	3,826,392
				By		Travelling & conveyance	661,976
				By		Bank charges	53,399
				By		Gardening & Plantation	521,135
				By		Seminor Expences	625,242
				By		Advertisment charges	55,900
				By		Annual Maintanance	49,224
				By		Student activities	45,043
				By		Security services	434,992
				By		Fuel for Generator Charges	1,442,727
				By		Closing Balances:	
						Cash in Hand	2,277,480
						Cash at Bank	1,195,861	3,473,341
			248,938,332				248,938,332

Drawn as per Books of Accounts
for R.B. ASSOCIATES
Chartered Accountants
Firm Reg. No. 009112S

K. RAMESH BABU
Partner
Membership No.028304
Place: Hyderabad
Date: 29.09.2015

For USHA RAMA EDUCATIONAL ACADEMY

PRESIDENT   SECRETARY

INDIAN INCOME TAX RETURN ACKNOWLEDGEMENT

[Where the data of the Return of Income in Form ITR-1 (SAHAJ), ITR-2, ITR-3, ITR-4S (SUGAM), ITR-4, ITR-5, ITR-6, ITR-7 transmitted electronically with digital signature]

Assessment Year 2014-15

Name		PAN	
USHA RAMA EDUCATIONAL ACADEMY		AAATU26_2A	
Flat/Door/Block No	Name Of Premises/Building/Village	Form No. which has been electronically transmitted	ITR-7
401	ARLINGTON HEIGHTS		
Road/Street/Post Office	Area/Locality		
OPP JAYABHERI SILICON TOWERS	KONDAPUR		
Town/City/District	State	Pin	Status
HYDERABAD	TELANGANA	500082	AOP(Trust)

Designation of AO(Ward/Circle)	DD/ADIT-1 EXEMPTION,HYD	Original or Revised	ORIGINAL
E-filing Acknowledgement Number	432886141301114	Date(DD/MM/YYYY)	30-11-2014

1	Gross total income			1	0
2	Deductions under Chapter-VI-A			2	0
3	Total Income			3	0
3a	Current Year loss, if any			3a	0
4	Net tax payable			4	0
5	Interest payable			5	0
6	Total tax and interest payable			6	0
7	Taxes Paid	a	Advance Tax	7a	0
		b	TDS	7b	153987
		c	TCS	7c	0
		d	Self Assessment Tax	7d	0
		e	Total Taxes Paid (7a+7b+7c+7d)	7e	153987
8	Tax Payable (6-7e)			8	0
9	Refund (7e-6)			9	153987

This return has been digitally signed by SUNKARA RAMA BRAHMAM in the capacity of PRESIDENT

having PAN ANGPS9420H from IP Address 122.166.151.86 on 30-11-2014 at HYDERABAD

Dae SI No & Issuer 112106G-IN, C-eMudhra Consumer Services Limited (SC-Certifying Authority, eMudhra Sub CA for Class 2 Individual 2011

DO NOT SEND THIS ACKNOWLEDGEMENT TO CPC, BENGALURU

ACKNOWLEDGEMENT ... AY 20

Received with ... USHA RAMA EDUCATIONAL ACADEMY

A1 FIRST NAME
USHA RAMA EDUCATIONAL

A2 MIDDLE NAME
ACADEMY

A3 LAST NAME

A4 PERMANENT ACCOUNT NUMBER
AAATU2612A

A5 SEX

A6 DATE OF BIRTH
14 2 2005

A8 INCOME TAX WARD/CIRCLE

A9 FLAT/DOOR/BUILDING
401 ARLINGTON HEIGHTS

A9 ROAD/STREET
WHITE FIELDS

A11 AREA/LOCALITY
KONDAPUR

A11 TOWN/CITY/DISTRICT
HYDERABAD

A12 STATE
ANDHRA PRADESH

COUNTRY
INDIA

A13 PIN CODE
500084

COMPUTATION OF INCOME AND TAX RETURN

B1	Gross Total Income	B1	16195631
B2	Deductions under Chapter VI-A	B2(-)	16195631
B3	Total Income	B3	
B4	Current Loss if any	B4	NIL
B5	Net Tax Payable	B5	NIL
B6	Interest Payable	B6	NIL
B7	Total Tax and Interest Payable	B7	NIL
B8	Total Advance Tax Paid	B8	NIL
B9	Total Self Assessment Tax Paid	B9	NIL
B10	Total TDS Deducted	B10	70,006
B11	Total TCS Deducted	B11	NIL
B12	Total Prepaid Taxes (B8+B9+B10+B11)	B12	NIL
B13	Tax Payable (B7-B12, if B7 > B12)	B13	NIL
B14	Refund (B12-B7, if B12 > B7)	B14	NIL

Annexure – XVII
Copy of Teaching Staff Self Appraisal

PROMOTION/PROBATION FORM
YYYY/DDD/MP/RP/PPF

CONFIDENTIAL REPORT FOR AWARD OF INCREMENT / CLEARANCE OF PROBATION (For teaching faculty only)

I. SERVICE PARTICULARS

1	Name of the Employee	:	
2	Designation & Department	:	
3	Qualification	:	
4	Date of Birth	:	
5	Date of joining the post	:	
6	Date of last increment/period of probation	:	
7	Due date for probation/increment	:	
8	Leaves availed on loss of pay after last increment/joining	:	
9	Date for probation/increment	:	

II. SELF APPRAISAL

1. Subjects handled -- % Pass
   Marks
   a.
   b.
   c.
   d.
   (marks: 100-90% (5); 89-85% (4); 84-80% (3); 79-75% (2)-Max. 20)

2. Total load: >15hrs – 2 marks (2 practical hrs = 1 theory hr)

   (Seminar & Project work to be considered as lab)
        (Prof.-8, Asst. Prof.-12; Lecturers-16)

3. Counseling:
   Weak students (Performance/Attendance):

USHA RAMA COLLEGE OF ENGINEERING & TECHNOLOGY   405

S. No.	Name of the student	Weak in performance/ attendance	Efforts put up to improve	Results	Marks

(For the best result 5 marks)

4. a) National Level Seminars /Workshops /Training classes **attended**/**papers presented**

> (2 marks each-Max 6)

> b) International Seminars / Workshops / Training classes **attended**/**Papers presented**

> (2 marks each-Max 4)

5. Seminars/Workshops/Training Classes organized (2-5 marks depending on the role played)

6. Have you been a resource person to any other Institution (5 marks)

7. Papers published: (Enclose copies)   International (10 marks for each), National (5 marks for each)

>   (Max. 15)

8. Innovative methods suggested if any   (Teaching & Lab) (5 marks)

9. Appreciation / Awards / Recognition earned (5 marks)

10. Additional duties (class teacher/coordinator for ISO, etc) (3 marks each-Max. 9)

11. Are you involved in admissions (9 marks)

  (Information given must be correct and proof to be shown for all the above claims)

Total Marks Earned: [   ]   **out of 90**

> I certify that to the best of my knowledge the information given is correct.

Signature of the faculty

III. REMARKS OF HOD CONCERNED

1. General attitude of the employee   :   Good / Satisfactory / Not satisfactory
2. Commitment   :   Good / Satisfactory / Not satisfactory

3. Dedication : Good / Satisfactory / Not satisfactory

4. Team spirit : Good / Satisfactory / Not satisfactory

5. Performance in Students Counseling: Good / Satisfactory / Not Satisfactory

Marks (2 / 1 / 0)

Total Marks Earned: [　　] **out of 100**

This is to certify that the [　　]nation given has been checked thoroughly and confirmed by me.

Recommendations of the HOD: (i) Probation may be cleared/extended for ……………months

(ii) …………….. Increment (s) may be granted

Signature of the HOD

IV. FOR OFFICE USE

Approved / Not Approved

PRINCIPAL
CHAIRMAN

Annexure – XVIII
Copy of College
News Letter

USHA RAMA
COLLEGE OF ENGINEERING AND TECHNOLOGY
On NH-5, Teleprolu, Near Gannavaram, Krishna District - 521 109
Cell : 99497 12255, www.usharama.com, Email : principal@usharama.in

UR TIMES

Vol. 1   **Issue : 1**   **January 2016**

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Sunkara Ramabrahmam
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HOD, IT
K. NARESH
HOD, EEE

EDITORIAL

Usha Rama College of Engineering and Technology was established by Usha Rama Educational Academy, with the aim of inculcating quality education to students and produce young technocrats enriched with the right knowledge and skills required for the industry. The college is approved by AICTE and affiliated to JNTU-Kakinada.

It is sponsored by Chicago based Multi Million Dollar Advansoft Group. Advansoft Group made an extensive study of the functioning of premier educational institutions in India and abroad and had an extensive consultation with Industry, academicians and scholars, the efforts of which finally culminated in laying the foundation for the college in 2008. Even before the college commenced its functioning, an elaborate plan was drawn up for acclimatizing and absorbing the students predominantly hailing from a rural background, into an environment demanding learning of frontier technologies.

URCET has within a short span of time emerged as one of the premier professional Institutions in this region. The Institute maintains high standards of education by providing a wide array of world-class academic facilities, employing highly qualified and experienced faculty members and creating an ambience that is conducive to quality education.

We are delighted to bring this edition of UR TIMES to you with interesting and informative tidbits about the college, its activities, training programmes, MoUs, additional Certification Courses and news of success of our staff and students in various realms. It is hoped that this chronicler will provide a bird's eye view of all the activities of the college.

The vision of URCET is to become a pioneer institute in education and research. Its mission is to confer the best technical education to students with commitment to enable the students to face the challenging environment and cut-throat competition in the global world.

We know we are on the right track of achieving our vision through missionary zeal, visionary fervor and great range of enthusiasm.

Go through these pages and have an enriching experience. Happy reading!

- **Dr.V.Rajesh**
Principal & Editor-in-Chief

Annexure – XIX
Copy of student, Alumni, parent feedback forms

STUDENT FEEDBACK ON CLASS

Dept:…………Year / Semester:………………Feedback taken from ……Students out of ………Students.

Dear student,

Please rate the course of the following attributes using 5 point scale shown:

5	4	3	2	1
Excellent	**Very good**	**Good**	**Satisfactory**	**Poor**

		Theory (Subject Codes)							
Subject codes as per Syllabus;									
SI	**Attributes for feedback**								
01	Knowledge of the teacher in the subject area								
02	Clarification of the objectives of the course								
03	Stimulation of interest in the subject area								
04	Promotion of analytical/logical thinking								
05	Clarity of presentation								
06	Inclusion of recent developments with real life examples								
07	Encouraging questions in class								
08	Challenging tests								
09	Quality of evaluation								
10	Prompt and detailed feedback								
11	Help in the course work available outside the class								
12	Friendly and helpful towards students								
13	Enthusiasm of the teacher towards the subject								
14	Participation/academic interaction during class								
15	Quality of assignments and tutorials								

16	Motivating ability of the teacher							
	Total points received							
	% satisfaction level = ((Total points/ 80)X100)							

Any other suggestions by you;(Transport/Canteen etc.,) :

HOD /Date

STUDENTS FEEDBACK ON LABS

Department: ………………   Year /

Semester:………………………

		Labs conducted in semester/year							
Dear student,: Please give your feedback by **writing Yes / No** for the following attributes in the given table: **Note : Yes : 1 point, No: 0 points.**		Lab code (…………..)		Lab code (………..)		Lab code (……………)		Lab code (……….)	
		Y	N	Y	N	Y	Y	Y	N
SI	**Attributes for feedback**								
01	Are you satisfied with your batch Size?								
02	Are the experiments of the Lab conducted are as per Lab time-table provided?								
03	Are the Lab equipment provided to you are sufficient?								
04	Are the Equipment's provided to your are in working condition?								
05	Are the Lab Consumables provided to your are of Good Quality?								
06	Are Lab Manuals Provided to you was sufficient (in covering the Syllabus) and informative?								
07	Whether the lab assistant/technician is								

	assisting you								
08	Whether the lab in-charges (Faculties) are helpful in the Lab								
	Total points received								
	% satisfaction level =((Total points/8) x100)								

Any other suggestions by you:

HOD /Date

Annexure – XX
Details of Incentives and Rewards- Staff and Students

Rewards

Gold Medal

Sno	Branch	ROLL NO	Name	Percentage
1	IT	11NG1A1238	Ch.Prathyusha	75.18
2	CSE	11NG1A0536	S.NAVEEN	81.86
3	ECE	11NG1A0449	V. MOUNICA	83.68
4	EEE	11NG1A0249	A.VENKATESH	82.4
5	MECH	11NG1A0309	Ch. Gnandeep	75.8
6	CIVIL	**11NG1A0133**	N.PRATHIBHA	88.13
7	ECM	**11NG1A1920**	V.MUKESH	78.58

Silver Medal

CIVIL ENGINEERING

Sno	Roll No	Name	Percentage
1	**12NG1A0153 (Third Year)**	V.V.N.RAVALI	82
2	**13NG1A0106 (Second Year)**	REVATHI.B	79.8
3	**14NG1A0110 (First Year)**	D. HARIKA	73

COMPUTER SCIENCE & ENGINEERING

Sno	Roll No	Name	Percentage
1	12NG1A0519**(Third Year)**	CH. KAVYA	78.95
2	13NG1A0514**(Second Year)**	D.SWARNA	80.6
3	14NG1A0517**(First Year)**	BOINA SATYA	84.7

INFORMATION TECHNOLOGY

Sno	Roll No	Name	Percentage
1	12NG1A1218**(Third Year)**	N.JAYA KRISHNA	74.5
2	14NG1A1215**(First Year)**	M.PRIYA PRANEETHA	73

ELECRTICAL & ELECTRONICS ENGINEERING

Sno	Roll No	Name	Percentage
1	13NG5A0210**(Third Year)**	T SATISH KUMAR	71.85
2	14NG5A0210**(Second**	GSNV DURGA PRASAD	69.8

	Year)		
3	14NG1A0204**(First Year)**	A LAKSHMI DURGA	77.3

ELECTRONICS & COMMUNICATIONS ENGINEERING

Sno	Roll No	Name	Percentage
1	12NG1A04A1**(Third Year)**	V.SAHITYA	84
2	14NG5A0437**(Second Year)**	T.SIRISHA	78
3	14NG1A0440**(First Year)**	G.S.S.K.VIGNESH	90.4

MECHANICAL ENGINEERING

Sno	Roll No	Name	Percentage
1	12NG1A0303**(Third Year)**	SATYANARAYANA AGRAHARAPU	78.0
2	14NG5A0311**(Second Year)**	M. PHANI SRINIVASA RAO	79.0
3	14NG1A0370**(First Year)**	BHANU TEJA VADLAMUDI	82.3

ELECRTONICS&COMPUTERS ENGINEERING

Sno	Roll No	Name	Percentage
1	12NG1A1911**(Third Year)**	M.VYSHNAVI PRATHYUSHA	72

Faculty Rewards (100% Pass Result)

Sno	Name	Department
1	K.ThambiBabu	S&H
2	MirazFathima	ECE

Annexure – XXI
Copy of Academic Calendar

Grams: "TECHNOLOGY"
Email: dapntuk@gmail.com

Phone: Off: 0884-2300991

Directorate of Academics and Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA
KAKINADA-533003, Andhra Pradesh (India)

Lr. No. JNTUK/DAP/I Year/Aca.Cal/2014-15.   Dated: 29-05-2015

Prof. P.Udaya Bhaskar
         B.Tech, M.Tech, Ph.D.
Professor of Civil Engineering &
Director

To
The Principals of Affiliated Colleges
JNTUK, Kakinada.

Revised Academic Calendar for the Students admitted in the academic year 2014-15
B.Tech /B.Pharm I Year -I & II Semester

B.Tech / B.Pharm I YEAR (2014 Admitted Batch) I Semester			
Description	From	To	Weeks
Commencement of Class Work	01-09-2014	06-09-2014	Orientation
I Unit of Instructions	08-09-2014	01-11-2014	8W
I Mid Examinations	03-11-2014	08-11-2014	1W
II Unit of Instruction	10-11-2014	03-01-2015	8W
II Mid Examinations	05-01-2015	10-01-2015	1W
Preparation & Practicals	19-01-2015	24-01-2015	1W
End Examinations	26-01-2015	07-02-2015	2W
Commencement of Class Work	09-02-2015		
B.Tech / B.Pharm I YEAR (2014 Admitted Batch) II Semester			
Commencement of Class Work	09-02-2015		-
I Unit of Instructions	09-02-2015	04-04-2015	8W
I Mid Examinations	06-04-2015	11-04-2015	1W
II Unit of Instruction	13-04-2015	23-05-2015	6W
Summer Vacation	24-05-2015	07-06-2015	2W
II Unit (Continuation)	08-06-2015	20-06-2015	2W
II Mid Examinations	22-06-2015	27-06-2015	1W
Preparation & Practicals	29-06-2015	04-07-2015	1W
End Examinations	06-07-2015	18-07-2015	2W

Director, Academics and Planning (DAP)
JNTUK Kakinada

Copy to the Secretary to the Hon'ble Vice Chancellor
Copy to the Rector
Copy to the Registrar
Copy to the Director of Evaluation
Copy to Director Institute of Science and Technology
Copy to all Directors
Copy to Principals of University Colleges of Kakinada and Vizianagaram
Copy to Controller of Examinations, JNTUK and ACEs, JNTUK
Copy to Principals of all Affiliated Colleges of JNTUK Kakinada.

Gram: "TECHNOLOGY"
Email: registrar@jntuk.edu.in

Directorate of Academics and Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA
KAKINADA-533003, Andhra Pradesh (India)

Phone: 0(0) (0884-2300699.

Lr. No. JNTUK/DAP/Aca.Cal/IV year/2014-15.

Dated: 30.04.2015.

Prof. P.Udaya Bhaskar
B.Tech, M.Tech, Ph.D.
Professor of Civil Engineering &
Director, Academics & Planning

PROPOSED ACADEMIC CALENDAR FOR THE COMMENCEMENT OF CLASS WORK FOR B.TECH /B.PHARM IV YEAR (2012 Admitted Batch) – I & II SEMESTER

B.Tech / B.Pharm IV Year (2012 Admitted Batch) I Semester

Description	From	To	Weeks
Commencement of Class Work	13.07.2015	05.09.2015	8W
I Unit of Instructions	13.07.2015	05.09.2015	8W
I Mid Examinations	07.09.2015	12.09.2015	1W
II Unit of Instructions	14.09.2015	07.11.2015	8W
II Mid Examinations	09.11.2015	14.11.2015	1W
Preparation & Practicals	16.11.2015	21.11.2015	1W
End Examinations	23.11.2015	05.12.2015	2W
Commencement of Class Work	07.12.2015		

B.Tech / B.Pharm IV Year (2012 Admitted Batch) II Semester

Description	From	To	Weeks
Commencement of Class Work	07.12.2015	30.01.2016	8W
I Unit of Instructions	07.12.2015	30.01.2016	8W
I Mid Examinations	01.02.2016	06.02.2016	1W
II Unit of Instructions	08.02.2016	02.04.2016	8W
II Mid Examinations	22.04.2016	09.04.2016	1W
Preparation & Practicals	11.04.2016	16.04.2016	1W
End Examinations	18.04.2016	30.04.2016	2W

Director, Academics & Planning

Grams: "TECHNOLOGY"
Email: jagannadh@gmail.com

Phone: Off: 0884-2300069
Mobile : +91 9618746555

Directorate of Academics and Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA
KAKINADA-533003, Andhra Pradesh (India)

Lr. No. JNTUK/DAP/Aca.Cal/III year/2014-5.

Dated: 23.04.2015.

Prof. P.Udaya Bhaskar
B.Tech, M.Tech, Ph.D.
Professor of Civil Engineering &
Director; Academics & Planning

PROPOSED ACADEMIC CALENDAR FOR THE COMMENCEMENT OF CLASS WORK
FOR B.TECH /B.PHARM III YEAR (2013 Admitted Batch) - I & II SEMESTER.

B.Tech / B.Pharm III Year (2013 Admitted Batch) I Semester

Description	From	To	Weeks
Commencement of Class Work	29.06.2015	23.08.2015	8W
I Unit of Instructions	29.06.2015	23.08.2015	8W
I Mid Examinations	24.08.2015	29.08.2015	1W
II Unit of Instructions	31.08.2015	25.10.2015	8W
II Mid Examinations	26.10.2015	31.10.2015	1W
Preparation & Practicals	02.11.2015	07.11.2015	1W
I Sec Examinations	09.11.2015	21.11.2015	2W

Commencement of Class Work

B.Tech / B.Pharm III Year (2013 Admitted Batch) II Semester

Description	From	To	Weeks
Commencement of Class Work	23.11.2015	16.01.2016	8W
I Unit of Instructions	23.11.2015	16.01.2016	8W
I Mid Examinations	18.01.2016	23.01.2016	1W
II Unit of Instructions	25.01.2016	19.03.2016	8W
II Mid Examinations	21.03.2016	26.03.2016	1W
Preparation & Practicals	28.03.2016	02.04.2016	1W
II Sec Examinations	04.04.2016	16.04.2016	2W
Commencement of Class Work	27.06.2016		

Director, Academics & Planning

Directorate of Academics & Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA

Lr. No. JNTUK/DAP/I Year/Aca.Cal/2015-16　　　　　　　　　Dated: 04-09-2015

Dr. K.Padma Raju
　　B.Tech, M.Tech., Ph.D.
Professor of Electronics and Communication Engineering &
Director, Academics & Planning

To
The Principals of Affiliated Colleges
JNTUK, Kakinada.

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

Director Academics and Planning (DAP)
JNTUK Kakinada

Copy to the Secretary to the Hon'ble Vice Chancellor
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Copy to Principals of all Affiliated Colleges of JNTUK Kakinada

Annexure – XXII
Copy of Syllabus-Branch wise- Semester wise.

Program	Semester / Year	Core, Laboratory & Elective Paper
B. Tech (Computer Science Engineering)	1st semester	6(T), 3(P)
	2nd Semester	6(T), 4(P)
	3rd Semester	5(T), 3(P)
	4th Semester	5(T), 3(P)
	5th Semester	5(T), 3(P)
	6th Semester	5(T), 3(P)
	7th Semester	4(T), 2(P), 2(E)
	8th Semester	1(T), 3(E), Project
B. Tech (Information Technology)	1ST Semester	6(T), 4(P)
	2nd Semester	6(T), 3(P)
	3rd Semester	7(T), 3(P)
	4th Semester	7(T), 3(P)
	5th Semester	7(T), 2(P)
	6th Semester	7(T), 2(P)
	7th Semester	4(T),2(E), 2(P)
	8th Semester	1(T),3(E), PROJECT
B. Tech (Electronics & Communications Engineering)	1st semester	6(T), 4(P)
	2nd Semester	6(T), 3(P)
	3rd Semester	6(T), 2(P)
	4th Semester	6(T), 2(P)
	5th Semester	6(T), 3(P)
	6th Semester	5(T), 4(P)
	7th Semester	4(T), 2(P), 2(E)
	8th Semester	2(T), 2(E), Project
B. Tech (Electrical & Electronics Engineering)	1st semester	6(T), 4(P)
	2nd Semester	6(T), 3(P)
	3rd Semester	6(T), 2 (P)
	4th Semester	6(T), 2 (P)
	5th Semester	7(T), 2 (P)
	6th Semester	6(T), 2 (P)
	7th Semester	4(T),2(E) 2 (P)
	8th Semester	1(T), 3 (E), Project
B. Tech (Mechanical	1st semester	6(T), 4(P)

Program	Semester / Year	Core, Laboratory & Elective Paper
Engineering)	2nd Semester	6(T), 3(P)
	3rd Semester	7(T), 3(P)
	4th Semester	7(T), 3(P)
	5th Semester	7(T), 2(P)
	6th Semester	7(T), 2(P)
	7th Semester	4(T), 2(E), 2(P)
	8th Semester	1(T), 3 (E), Project
B. Tech (Civil Engineering)	1st semester	6(T), 3(P)
	2nd Semester	6(T), 5(P)
	3rd Semester	6(T), 2 (P)
	4th Semester	6(T), 3 (P)
	5th Semester	6(T), 3(P)
	6th Semester	6(T), 2(P)
	7th Semester	5(T), 1 (E), 2 (P)
	8th Semester	1(T), 3 (E), Project
M. Tech (Computer Science Engineering)	1st semester	6 (T), 1 (P)
	2nd Semester	3(T), 1 (P),3(E)
	3rd Semester	Project
	4th Semester	Project
M. Tech (VLSI & Embedded Systems)	1st semester	6 (T), 1 (P)
	2nd Semester	6 (T), 1 (P)
	3rd Semester	Project
	4th Semester	Project
M. Tech (Structural Engineering)	1st semester	6(T), 1(P)
	2nd Semester	6(T), 1(P)
	3rd Semester	Project
	4th Semester	Project
M. Tech (Machine Design)	1st semester	6(T), 1(P)
	2nd Semester	6(T), 1(P)
	3rd Semester	Project
	4th Semester	Project

Annexure – XXIII
Copy of the Master Plan of the Institution

MASTER PLAN
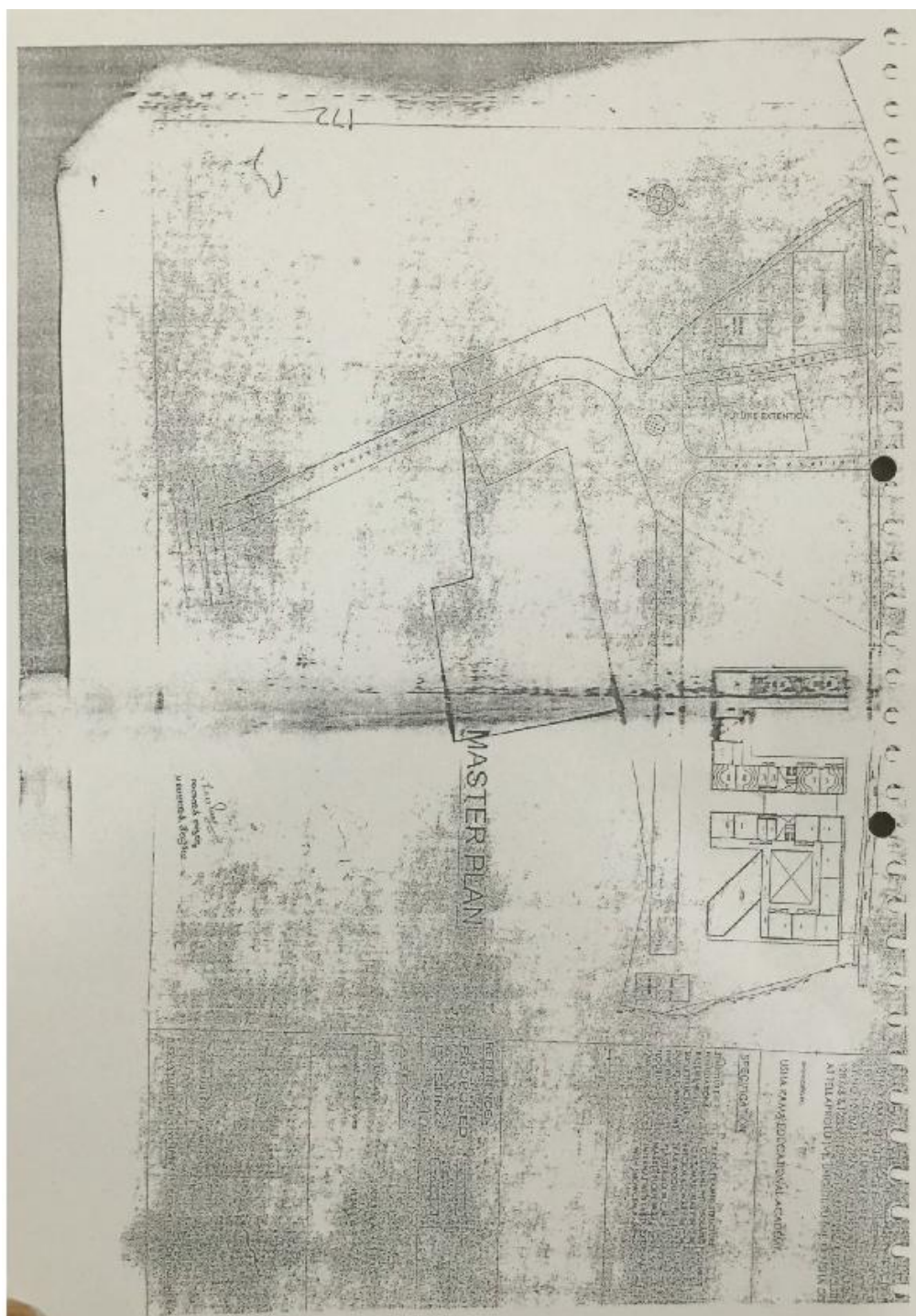
Annexure – XXIV
Details of seminars, Workshops, Guest Lecture etc.

S.NO	DATE	PROGRAM TITLE	Event Type	CHIEF GUEST
1	08-03-2016	WOMEN'S DAY CELEBRATIONS	Guest Lecture	Y Sarada Devi, Sarada educational institutions, VJA. P Anuradha, DivEngg of DrNTTPS(VTPS), AP GENCO,VJA
2	05-02-2016 and 06-02-2016	PCB DESIGN(ECE & EEE)	Workshop	V.GOVINDHA RAO, MANAGING DIRECTOR
3	30-01-2016	REFRIGERATION & AIR CONDITIONING(Mechanical)	Workshop	GANESH from Samsung Electronics
4	29-01-2016 and 30-01-2016	TOTAL STATION & IT'S APPLICATIONS(Civil)	Workshop	G.BHOGAYYA NAIDU (V.R.SIDDHARTHA ENGG COLLEGE)
5	3-10-2015	Industry and Academia interation with TATA CONSULTANCY SERVICES (TCS)	Workshop	K. SURYANARAYANA - SR. CONSULTANT TCS.
6	30-09-2015	INAUGURATION OF WOMEN EMPOWERMENT & GRIEVANCE CELL (WEGC)	Guest Lecture	MRS. (DR) V. RADHIKA REDDYPROFESSOR OF PSYCHIATRY SIDDARDHA MEDICAL COLLEGE.
7	27-09-2015 to	IBM TRAINING PROGRAM FOR CSE; IT; ECM BRANCHES ON BIG DATA	Workshop	MR. R. MALLARSWAMY - TRAINER FROM IBM SOFTWARE LABS

	30-09-2015	& ANALYTICS		
8	22-09-2015 to 25-09-2015	IBM TRAINING PROGRAM FOR EEE; ECE; CSE; IT BRANCHES ON HTML 5, JAVA SCRIPT, DOJO MOBILE AND BUSINESS INTELLIGENCE USING IBM COGNOS	Workshop	MS. VISHALATCHI - TRAINER FROM IBM SOFTWARE LABS MR. JAYEN THAKKER - TRAINER FROM IBM SOFTWARE LABS
9	15-09-2015	ENGINEERS DAY	Seminar	PROF. V. SRINIVASULU, DEPT. OF CIVIL, JNTU KAKINADA. PROF. G. VISWANATH KUMAR, DEPT. OF CIVIL, ANDHRA UNIVERSITY.
10	03-09-2015	ONE DAY NATIONAL WORKSHOP ON MICRO ELECTRO MECHANICAL SYSTEMS (MEMS) 2015 by Mechanical EnggDept	Workshop	RESOURCE PERSON, PROF: A.K. PANDEYIIT HYDERABAD
11	24-08-2015	INAUGURATION OF TATA TECHNOLOGIES CENTRE FOR COMPETENCE	Seminar	MR. DEVINENI UMA MAHESWARA RAO, MINISTER FOR IRRIGATION, GOVT. OF AP. MR. VALLABHAVENI VAMSI MOHAN, MLA GANNAVARAM. GUEST OF HONOUR MR. WISHWAS JULKA, GLOBAL VICE PRESIDENT, TATA TECHNOLOGIES LTD.
12	21-08-2015 & 22-08-	WORKSHOP ON ADVANCED STRUCTURAL ANALYSIS USING STADDPRO by CIVIL EnggDept	Workshop	DR.P.UDAYBHASKAR, DIRECTOR, ACADEMICS & PLANNING, JNTUK KAKINADA.

	2015			
13	10-08-2015	ANTI RAGGING DAY	Seminar	MR. ABHISHEK MOHANTHI, ASST. COMMISSIONER OF POLICE (EAST ZONE), VIJAYAWADA.
14	17-07-2015	IEEE WORKSHOP (WSDIAP 2015) by EEE department	Workshop	MR. PVR NARASIMAHAM HOD EEE VR SIDDHARTHA ENG.COLLEGEVIJAYAWADA
15	13-06-2015	SIKSHANA PROGRAM	Workshop	MR. YARLAGADDA PRASAD, VICE PRESIDENT, INFORMATION TECHNOLOGIES, USA

Annexure – XXV
List of selected students for the last 4 years

S NO	STUDENT NAME	BRANCH	COMPANY NAME
1	N.V.P.Balaji	CSE	AllOnline Service
2	K.Reshma Nandini	CSE	inet
3	Ch.Mounika	CSE	inet
4	Ch.Kavya	CSE	Syneza
5	K.Kanthi	CSE	Syneza
6	M.Sandhya	CSE	Syneza
7	V.PadmaVani	CSE	Syneza
8	K.N.V.Teja	CSE	RetailOn
9	V.PadmaVani	CSE	Mphasis
10	G.Dhana Lakshmi	ECE	HGS
11	G.Sai Manideep	ECE	I-NET
12	Y.YESHAWSWINI	ECE	I-NET
13	M.NAGA ASWINI	ECE	I-NET
14	G.Meghana Reddy	ECE	I-NET
15	P.ANUROOP	ECE	HGS
16	A LAVANYA	ECE	HGS
17	B SAI KISHORE REDDY	ECE	ALLONLINE
18	G SWATHI	ECE	ALLONLINE
19	Sk.Arshia Afrouz	ECM	HGS
20	M.Vaishnavi Prathyusha	ECM	I-NET
21	AZEEZ PATAN	EEE	ALL ONLINE
22	Marcy Henna Roy	EEE	Genpact
23	J.S.PRASANTH	EEE	HGS
24	NAMBURI JAYAKRISHNA	IT	ALL ONLINE
25	KANAPARTHI RAHUL	IT	HGS
26	SK.RABBANI	IT	I-NET
27	KURAPATI THANUJA	CI	HGS
28	Chaparala Yatish Chowdary	CI	ALL ONLINE
29	Thota Sravani Sindhu	CI	ALL ONLINE
30	Kilari Sampath kumar	CI	ALL ONLINE
31	Akula Sai Gopi	ME	ALL ONLINE
32	Koralla Anil Omkar	ME	ALL ONLINE
33	Maganti Charan Kumar	ME	ALL ONLINE
34	Kunnapaneni Sateesh	ME	ALL ONLINE
35	Muvva Sesha Rao	ME	ALL ONLINE
36	Sivaramireddy Lokireddy	ME	ALL ONLINE

37	S.Ganesh	ME	ALL ONLINE
38	Ravuri Raja Sai Srinivas	ME	ALL ONLINE
39	S.N Manikanta	ME	HGS
40	A. Vamsi Krishna	CSE	Zealous
41	B. Sri Surya Teja	CSE	Zealous
42	G.H.S.K.SANDEEP	CSE	Zealous
43	G.JAYA BHARATHI	CSE	Zealous
44	K.SAISUNIL	CSE	Zealous
45	K.NAGAJYOTHI	CSE	Zealous
46	V.Eswari priyanka	CSE	Zealous
47	Lakshmi Sravani	CSE	Zealous
48	Usha Deepthi	CSE	Zealous
49	A.Nikhila sai	CSE	Zealous
50	L.BHAVYASREESAI	CSE	Zealous
51	M.UMA MAHESWARI	CSE	Zealous
52	B.SHARIFF	CSE	Zealous
53	N.SHANTHANMUKESH	CSE	Zealous
54	Taslemma Begum	CSE	Zealous
55	P.AISHWARYA	CSE	Zealous
56	P.HIMABINDU	CSE	Zealous
57	S.ANUSHA	CSE	Zealous
58	S.HIMAVARSHA	CSE	Zealous
59	S.PHANIKRISHNA	CSE	Zealous
60	V.VEENAVANI	CSE	Zealous
61	V.ASHAMOUNIKA	CSE	Zealous
62	AMURUTHA SRUTHI.K	ECE	Zealous
63	P.Hima Sindhu	ECE	Zealous
64	D.Usha Kiranmai	ECE	Zealous
65	G.Meghana Reddy	ECE	Zealous
66	M.Phanindra Kumar	ECE	Zealous
67	U.Mary	ECE	Zealous
68	D.swetha	ECE	Zealous
69	Y.Kamalakar	ECE	Zealous
70	K. Venkata Narayana	ECE	Zealous
71	K.SANTHINI	ECE	Zealous
72	K.MADHURI	ECE	Zealous
73	M. NAGA ASWINI	ECE	Zealous
74	A.Pothu Raju	ECE	Zealous
75	P.RAVI SHANKAR	ECE	Zealous

76	M.Ravi shankar	ECE	Zealous
77	M.Sai Chand	ECE	Zealous
78	V.Priyanka	ECE	Zealous
79	G.Sarika	ECE	Zealous
80	S.PRIYANKA	ECE	Zealous
81	S.SRIDEVI	ECE	Zealous
82	V.Naga Pavan Kumar	ECE	Zealous
83	P.Anuroop	ECE	Zealous
84	T.RAMA POOJITHA	ECE	Zealous
85	V.UDAYA SANDHYA	ECE	Zealous
86	V.MANIKANTA	ECE	Zealous
87	G.Dhanalakshmi	ECE	Zealous
88	S.Bhuvna Likith	ECE	Zealous
89	Y.SURENDRA	ECE	Zealous
90	Y.SRAVANTHI	ECE	Zealous
91	Deepthi	ECE	Zealous
92	G.Sai Pavan	ECE	Zealous
93	G.SWATHI	ECE	Zealous
94	P.Pragna	ECE	Zealous
95	CH.Ramoji Rao	ECE	Zealous
96	D.YOGAIAH	ECE	Zealous
97	CH.Badrinath	ECE	Zealous
98	K.Sai Rajesh Chowdary	ECE	Zealous
99	R. Naga keerthana	ECE	Zealous
100	P.Harish Babu	ECE	Zealous
101	R.Phani Sarvani	ECE	Zealous
102	CH.Vasudha	CIVIL	Zealous
103	K. KAVYA	CIVIL	Zealous
104	M. LAKSHMI PRASANNA	CIVIL	Zealous
105	Syed.IMRAN	civil	Zealous
106	V. VENKATANAGARAVALI	CIVIL	Zealous
107	Y. VINODKUMAR	CIVIL	Zealous
108	K.KIRAN KUMAR	EEE	Zealous
109	A.REVATHI	EEE	Zealous
110	K.UDAYKIRAN	EEE	Zealous
111	M.SRAVANI	EEE	Zealous
112	A.DURGA BHAVANI	EEE	Zealous
113	K.Manoj Kumar	EEE	Zealous

114	M.Rama Rao	EEE	Zealous
115	B.V.V.P.Kishore	EEE	Zealous
116	K.Ravi Teja	EEE	Zealous
117	R.Nanda Gopal	EEE	Zealous
118	J.Prasanth	EEE	Zealous
119	B.Srinivasa Rao	EEE	Zealous
120	M.Sandeep	EEE	Zealous
121	S.Venkatesh	EEE	Zealous
122	A.SATYANARAYANA	MECH	Zealous
123	A.DEEPAK KUMAR	MECH	Zealous
124	CH.TANMAI	MECH	Zealous
125	P.V.VK PHANI CHANDRA	MECH	Zealous
126	K.S.RAMAKRISHNA	MECH	Zealous
127	N.KIRAN	MECH	Zealous
128	R. RAJA SAI SRINIVAS	MECH	Zealous
129	SK.E.SUBBASHA	MECH	Zealous
130	BHANU PRASAD.P	MECH	Zealous
131	K.HARI KRISHNA	MECH	Zealous
132	K.RAJ KUMAR	MECH	Zealous
133	B V S ACHYUTH KUMAR	MECH	Zealous
134	M.Charan Kumar	MECH	Zealous
135	V.RAGHU NATHA REDDY	MECH	Zealous
136	G.V.N.S.R .Manikanta	MECH	Zealous
137	Krishna Srinivas	MECH	Zealous
138	G.Akhil	MECH	Zealous
139	J.VenuGopal	MECH	Zealous
140	P.Chandra Sailesh	MECH	Zealous
141	G.AnuMalik	MECH	Zealous
142	A.Venkata Sai vivek	MECH	Zealous
143	S.Venkata Subramanyam	MECH	Zealous
144	S.Srikanth	MECH	Zealous
145	AHMED ABDULLA	IT	Zealous
146	K.RAM TEJ	IT	Zealous
147	V.RAVI TEJA	IT	Zealous
148	SK Reshma	ECE	G7 CR Tech
149	K Siva Sirisha	ECE	G7 CR Tech
150	Y Leela Ram	ECE	G7 CR Tech

151	V Manikanta Kumar	ECE	G7 CR Tech
152	P Lakshmi Anusha	ECE	G7 CR Tech
153	K Gowthami	ECE	G7 CR Tech
154	T Pragna	ECE	G7 CR Tech
155	K Madhuri	ECE	G7 CR Tech
156	K Navya Latha	ECE	G7 CR Tech
157	V Sahitya	ECE	G7 CR Tech
158	RV Nagamani	ECE	G7 CR Tech
159	V Eswari Priyanka	ECE	G7 CR Tech
160	E Aswini Sai	ECE	G7 CR Tech
161	B Sirisha	ECE	G7 CR Tech
162	P Kanaka Vara Lakshmi	ECE	G7 CR Tech
163	V Chandrakala	ECE	G7 CR Tech
164	R Geetha Kiran	ECE	G7 CR Tech
165	K Mounika	ECE	G7 CR Tech
166	T Rama Pujitha	ECE	G7 CR Tech
167	K Santhini	ECE	G7 CR Tech
168	K Anusha	ECE	G7 CR Tech
169	K Kesini	ECE	G7 CR Tech
170	P Deepika	CSE	G7 CR Tech
171	V Asha Mounika	CSE	G7 CR Tech
172	P Aishwarya	CSE	G7 CR Tech
173	N Lakshmi Anusha	CSE	G7 CR Tech
174	G Pratyusha	CSE	G7 CR Tech
175	D Lakshmi Harika	CSE	G7 CR Tech
176	M Uma Maheswari	CSE	G7 CR Tech
177	L Bhavya Sri Sai	CSE	G7 CR Tech
178	SGSV Naidu	CSE	G7 CR Tech
179	P Hima Bindu	CSE	G7 CR Tech
180	S Anusha	CSE	G7 CR Tech
181	B Sai Surya Teja	CSE	G7 CR Tech
182	A Vamsi Krishna	CSE	G7 CR Tech
183	S Hima Varsha	CSE	G7 CR Tech
184	A Jagan Babu	EEE	G7 CR Tech
185	A Durga Bhavani	EEE	G7 CR Tech
186	C Tejaswini Sindhura	EEE	G7 CR Tech
187	M Sravani	EEE	G7 CR Tech
188	A Revathi	EEE	G7 CR Tech
189	K Kiran Kumar	EEE	G7 CR Tech

190	M Lakshmi Prasanna	Civil	G7 CR Tech
191	P Dimple	Civil	G7 CR Tech
192	V Jahnavi	IT	G7 CR Tech
193	A Satyanarayana	Mech	G7 CR Tech
194	Jaya Krishna	IT	TCS
195	Hemanth Kumar	ME	TCS
196	Santhini	ECE	TCS
197	Bandi Dheeraj Chowdary	CSE	Intone Networks
198	Prasanth Janapati	EEE	Intone Networks
199	Varada Udayasandhya	CSE	Intone Networks
200	Annapaneni Lavanya	ECE	Intone Networks
201	D.Swetha	ECE	Intone Networks
202	Rajan Naga Keerthana	ECM	Intone Networks
203	Shaik Arshia Afrouz	ECM	Intone Networks
204	G.H.S.K.Sandeep	CSE	Intone Networks
205	Aishwarya Ponnamudi	CSE	Intone Networks
206	Harita kanuri	CSE	Intone Networks
207	S.Hima Varsha	CSE	Intone Networks
208	M.Usha Deepthi	CSE	Intone Networks
209	Mounika.CH	CSE	Intone Networks