SELF-STUDY REPORT (SSR)

SUBMITTED TO
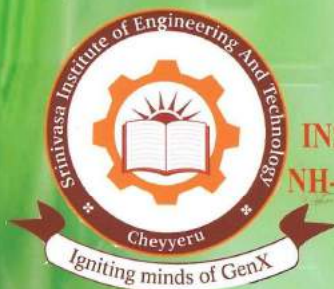
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
BANGALORE

By

SRINIVASA
INSTITUTE OF ENGINEERING AND TECHNOLOGY
NH-216, CHEYYERU(V), K.Ch.Pudi(P.O).,AMALAPURAM-533 216
EAST GODAVARI Dist., ANDHRA PRADESH

Igniting minds of GenX

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Srinivasa Institute of Engineering and Technology

PART – A
PREFACE

PART – A

Preface

Srinivasa Institute of Engineering and Technology (SIET) promoted by Sri Saraswathi Educational Society was established in the year 2009 with a vision to empower students to become technologically vibrant, innovative and emotionally mature and to train them to face challenges of the quality-conscious and globalised world economy.

The college is situated about 10 Km away from Amalapuram in East Godavari District beside NH-216 which connects Amalapuram and Kakinada. The institute is established on a verdant 10.02 acre campus of sylvan calmness provided by coconut groves around it. In such surroundings, conducive to academic pursuit, the college has built-up accommodation of about 17,000 square metres. Since its inception in 2009, the college has made rapid progress and development, not only in terms of augmentation in staff and student intake, but also in updating the infrastructure on the campus to cater to the increasing and changing needs of a modern technical institute.

The college is affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK), Kakinada, recognized by the All Indian Council for Technical Education (AICTE), New Delhi. The college has been awarded 'A' grade by AP Knowledge Mission constituted by Andhra Pradesh State Government. The college is certified ISO 9001:2015 by BMQR, Chennai.

The college offers 5 UG Programmes: Civil Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Electronics & Communications Engineering, Computer Science & Engineering and 4 PG Programmes: Structural Engineering, Computer Science & Engineering, Very Large Scale Integration (VLSI), Machine Design. The college has a cluster of beautiful and spacious buildings with state-of-the art laboratories, classrooms, seminar halls and playground. Eco-friendly environment is developed on the campus with lot of greenery and landscape lawns and gardens. The campus is covered with coconut trees and shade prone trees. With the committed leadership of the management and the efforts put up by the staff and the students, the college came to lime light by securing ranks right from the first batch of students who left the institution in 2013. The alumni of the college have occupied good positions.

A cautious and collective effort is made by involving all the faculty members in the preparation of this Self Study Report (SSR) to ensure quality sustenance and enhancement and to lead the college into the future.

PART – B

EXECUTIVE SUMMARY

PART – B

Executive Summary

Vision

To develop the institution into a world class destination for technological education and research

Mission

- To impart high quality, industry relevant, career oriented, engineering education to rural students, to translate our vision into a reality
- To provide the best of instructional and institutional infrastructure facilities
- To have strategic linkages with industry and other institutions
- To mould students to meet the challenges of life with ethics, courage and conviction

About the Institution

Srinivasa Institute of Engineering and Technology promoted by Sri Saraswathi Educational Society was started in the year 2009 with a vision to empower students to become technologically vibrant, innovative and emotionally mature and to train them to face challenges of the quality-conscious and globalised world economy.

The College is situated about 10Km. away from Amalapuram in East Godavari District beside NH-216 which connects Amalapuram and Kakinada. The Institute is established on a verdant 10.02 acre campus of sylvan calmness provided by coconut groves around it. In such surroundings, conducive to academic pursuit, the college has built up accommodation of about 17,000 Square metres. Since its inception in 2009, the college has made rapid progress and development, not only in terms of augmentation in staff and student intake, but also in updating the infrastructure on the campus to cater to the increasing and changing needs of a modern technical institute.

Management:

Chairman

Sri S.V.S.S.Ramachandra Raju, former Provident Fund Commissioner of Andhra Pradesh, has held senior positions in the Government and is known for his association with many educational institutions and philanthropic activities. He served as a Member of the Executive Council of Andhra University, Visakhapatnam and is on the Board of Directors of Raghu Engineering College. Sri Raju brings with him his vast administrative experience and vision in guiding institutions of higher learning.

Secretary and Correspondent

Sri D.V.N.S. Varma, has vision to provide quality engineering education that has propelled him to establish SIET with the single-minded objective to nurture the abundant pool of talent available in this region. Under his pragmatic guidance and his relentless efforts the institute is achieving overall excellence.

Principal

Dr. D.Ranga Raju worked as Assistant Development Engineer in R&D Division of Jyothi Ltd., Vadodara for one and half years after obtaining his M.Tech from IIT, Khargapur. He obtained his Ph.D also from the same institute in the Mechanical Engineering. He worked for 36 years in various positions in S.R.K.R. Engineering College, Bhimavaram starting from Assistant Professor to the position of Head of Mechanical Engineering Department and finally to Principal. He contributed for the NBA accreditation of S.R.K.R. Engineering College for three consecutive times.

The Governing Body:

Srinivasa Institute of Engineering & Technology is governed by highly qualified and experienced persons from various walks of life. It consists of industrialists, educationalists, prominent scientists, HR Professionals, philanthropists, infrastructure developers and important people from society.

S.No.	NAME	DESIGNATION	POSITION
1	Sri. S.V.S.S. Ramachandra Raju	Chairman	Chairman, Sri Saraswathi Educational Society
2	Sri. D.V.N.S. Varma	Member	Secretary and Correspondent, Sri Saraswathi Educational Society
3	Sri. M.V.S.S. Rama Chandra Raju	Member	Sri Saraswathi Educational Society
4	Smt. L. Seshu Kumari	Member	Eminent Social Activist, Former Sr. HR Professional of Nagarjuna Fertilizers & Chemicals Limited and ITC Ltd.
5	Sri. D. Ranga Raju	Member	Industrialist,Vice-Chairman and Managing Director, Vijayanagar Biotech Ltd.,
6	Dr. D.R. Prasada Raju	Member	Former Scientist, Director, Dept. of Science & Technology,Govt. of India, New Delhi
7	Prof. G.S.N. Raju	Member	Educationalist, Eminent Academician**,** Former Vice-Chancellor, Andhra University, Visakhapatnam
8	Dr. D. Ranga Raju	Member Secretary	Principal, Srinivasa Institute of Engineering and Technology
9	Dr. Ch.Sai Babu	Member	University Nominee, Professor and Registrar, JNTUK, Kakinada
10	Sri. S.Vasudeva Rao	Member	Director, Srinivasa Institute of Engineering and Technology Chairman & Managing Director, Triton Buildings& Structures Pvt. Ltd., Hyderabad
11	Sri. A.William Carry	Member	CTE Nominee, Principal, Dr.B R Ambedkar & GMR Polytechnic College, Rajahmundry
12	Dr. R.J. Mathew	Member	Faculty nominee, Professor, Srinivasa Institute of Engineering and Technology
13	Sri A.V.S.S. Varma	Member	Faculty nominee, Associate Professor, Department of ECE, Srinivasa Institute of Engineering & Technology
14	---	Member	AICTE Nominee C/o. S.C.R.O., Hyderabad.

Credentials:

The College is

- Affiliated to JNTUK, Kakinada
- Approved by AICTE, New Delhi
- Certified ISO-9001:2015 by BMQR, Chennai
- Signed MoUs with 4 Social and Industrial Organizations
- Awarded 'A' Grade by AP Knowledge Mission
- TCS Ion recogniged evalution centre
- NMEICET Collaboration remote centre

Infrastructure & Facilities

- Multistoried wings of buildings for classroom teaching, staff rooms, laboratories, library
- Well qualified, experienced and efficient teaching faculty to teach effectively and motivate the students to face the challenges in their career
- Resolutely observes discipline with dedicated teaching and committed management
- Well equipped laboratories with state-of-the-art equipment
- Seminar halls to excel in academic activities
- E-classrooms equipped with LCD Projectors
- Departmental Libraries with sufficient number of books to serve the needs of students
- Self-equipped computing facilities in all departments
- Professional Societies in every department for the improvement of overall academic personality of students
- A Charitable trust is instituted in the college to uplift the poor students, who need financial support to pursue their studies

Cyber Corner

- Computer center with latest version of computers consisting of several high-end servers offering various development platforms
- 530 systems with high speed configuration and necessary accessories. All the systems are in LAN and provided with UPS support
- Softwares available in labs are serving both curricular and industrial demands

English Language and Communication Skills Lab

English is an international language. It is mandatory that all students and staff converse in English. To encourage the students to communicate effectively and face modern day challenges, the lab is equipped with state-of-the-art server and accessories with suitable software. A well-established laboratory with high quality software from M/s K-Van Solutions Multimedia Language Lab. Hyderabad is being used to develop LSRW skills of the students. Experienced and efficient professional trainers to train the students in communication skills are employed. Special care is being taken in the case of students from a rural background. Many CDs which help students master English vocabulary, grammar, spelling and composition are available in this laboratory.

Amenities

To offer a perfect ambience for academic pursuits, the college is provided with all the required facilities including,

- A generator for backup power supply

- High speed internet

- LAN connecting all departments

- Digital Library providing access to international journals

- Language Lab

- Computer Centers

- Seminar Halls

- Canteen

- **Dedicated Transport** – The College runs its own fleet of buses from various important locations : Ravulapalem, Razole, Kakinada, Amalapuram etc

- Separate waiting halls for boys and girls

- Departmental stores

- Photocopy Machine (Xerox) and STD Kiosk are available

- Gymnasium

- ATM

Library

A well-organized and well-equipped Digital Library remains open to the academic and professional needs of the students. To cater to the needs of students and faculty, the central library is provided with 24,017 Volumes and 2809 titles covering core subjects as well as general subjects. A good collection of titles is earmarked as reference books. A spacious reading room in the library accommodates 156 readers at a time. The library subscribes to many national and international technical journals like IETE, CSI, Indian academy of sciences, NISCAIR, i-Manager, Claro besides a good number of periodicals and magazines to acquire knowledge of latest trends. The students and the faculty members are encouraged to exploit the valuable resources provided through DELNET and J-Gate. A centralized Digital Library with 18 terminals and 24 x 7 internet facilities is made available to students. Books on general English, Communication skills, GRE, TOEFL, GATE, Personality Development, Managerial skills etc. are also procured in good numbers.

Career Guidance, Training and Placement Cell

The Training & Placement cell is functioning actively with a full time Training & Placement Officer. It ensures liaison with companies of repute and arranges campus interviews for the final year students. Through this cell, students are informed of various job opportunities and are guided to prepare for interviews. The cell organizes various training programs in association with industries. A dedicated team of in-house trainers for training the students is

provided. Mock tests are conducted for final year students of all branches to train them to face interviews with confidence. In order to enhance the employability of students, the college has signed MOUs with reputed training organizations.

This cell functions under the guidance of an incharge Placement Officer. It collects data from the students and provides statistics as to how many are interested in pursuing higher studies in India or abroad. Special attention is given to GATE examination preparation in view of high job potential in PSU (Public Sector Units). Every registered student is required to attend training classes organized in the college by internal or external trainers. Such classes or tests are conducted beyond the college hours on working days and also on holidays.

Student Development

To enrich the learning experience of the students and to develop their overall personality, a holistic approach is adopted by providing a wide variety of platforms, which serve as launching pads to take off into ambitious careers.

Co-curricular activities

1. **Technical Forums:** Each department of engineering has an actively functioning Student Association. They conduct seminars, quizzes, lectures by eminent experts from the academia and industry.
2. **Educational Tours:** The students are being sent on short educational tours (one day trip) in the third and fourth years to witness technology in action.
3. ISTE Students Chapter
4. IETE Students Chapter
5. IE (I) Students Chapter
6. Computer Society of India (CSI)
7. Energy Club
8. Painting and photography club
9. Model club

Extracurricular activities

1. **Games & Sports:** The college has a four-acre play ground for outdoor games and facilities for indoor games like Table Tennis, Chess and Carroms are available on campus.
2. **Literary & Cultural Association:** This provides a platform to the students to exhibit their talents in the fields of culture and literature.
3. **Center for Awareness and Discussion:** This center is working with the objective of familiarizing the students with current topics through group discussions and quizzes.

Hostels

Separate Hostel facilities for both Girls and Boys are within the campus. The hostels are meticulously planned and constructed to provide ideal environment for studies.

National Service Scheme (NSS)

The college has one NSS unit under the guidance of one trained Programme officer. The NSS activities include blood donation camp, immunization programme, mass literacy camp, free medical checkup camps, AIDS awareness programmes etc.

Various Important Committees:

- Grievances Redressal Cell,
- Examination Cell
- Library Advisory Committee
- Social Welfare Committee
- Admission Committee
- Career Guidance, Training and Placement Cell
- Sports and Games Committee
- Women Empowerment Cell
- Anti- Ragging Committee

SWOC Analysis

Strengths:

- Well- furnished infrastructure
- Wi-fi enabled campus
- Laboratories with state- of the- art equipment to suit to the needs
- Dedicated and Experienced faculty members with excellent academic and industrial expertise
- Library with both on-line e-journals and print journals, off-line NPTEL lecture content and DELNET facility
- Career Guidance, Training and Placement cell to help students in both placements and higher studies

Weaknesses:

- Being located in rural area, minimal interaction with state and central government research agencies
- Being a self- financed (Un Aided) institution, limitation in funding from government has in impact on rapid development and research
- Students admitted being from rural area, facing difficulty to meet global standards in in technology and life skills

Opportunities:

- Use of Technology trends to make teaching learning process more concentrated in student centred
- Organizing seminars, workshops and symposiums through collaboration with global partners
- Offering electives in emerging areas in collaboration with industry

Challenges:

- With rapid changes in society and technological needs, the future is unpredictable
- Producing the quality engineers to the industry and society requirement
- Gap between academic, research and administrative activities to be filled by staff

PART – C

PROFILE OF THE INSTITUTE

PART – C

Profile of the Affiliated /Constituent College

1.Name and Address of the College:

Name:	**SRINIVASA INSTITUTE OF ENGINEERING & TECHNOLOGY**		
Address:	**NH-216, Amalapuram- Kakinada Road, Krapa Chintalapudi (PO), Cheyyeru (V), East Godavari District, Andhra Pradesh.**		
City:	**Cheyyeru**	Pin:**533216**	State: **Andhra Pradesh**
Website:	**http://www.sriniet.edu.in**		

2. Address For Communication:

Designation	Name	Telephone With STD code	Mobile	Fax	Email
Principal	Dr. D. Ranga Raju.	O:08856-272081 R:08856-231678	7893177899	08856-297099	dr.drraju@gmail.com
Steering Committee Coordinator	Dr. R. John Mathew	O&F:08856-2927099	9491113426	08856-297099	rapakajmathew@gmail.com

3. Status of the Institution   :

   Affiliated College

   ~~Constituent College~~

   ~~Any other (specify)~~

4. Type of Institution:

   a.   By Gender

      1. ~~for Man~~

      2. ~~for Woman~~

      3 **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: **30-06-2009** (dd/mm/yyyy)

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

JNTUK, Kakinada

   c. Details of UGC recognition:

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

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

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

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

Under Section/ clause	Recognition / Approval details Institution / Department Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i. **AICTE**Act, 1987	F. No. South-Central 1-2813852657/2016/EOA	5th April, 2016	One year	NIL

   (Enclose the recognition / approval letter)

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

   ~~Yes~~   **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:……………………(Dd/mm/yyyy)

   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. or Acres	10.02 Acres
Built up area in sq. mts.	16,902 sq. mts

(Urban, Semi - urban, * Rural, Tribal, Hilly Area, Any other sspecify)

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

    4 AC Seminar Halls

- Sports facilities

    * Play ground   **Yes**

    * Swimming pool   **No**

    * Gymnasium   **Yes**

- Hostel

    * Boys' hostel

        i. Number of hostels: **1**

        ii. Number of inmates: **48 (100 Capacity)**

        iii. Facilities (mention available facilities)

        - **Internet, Library, Television, Newspaper, Magazines**
        - **Attached bathrooms, Fan, Bed, chair**

    * Girls' hostel

        i. Number of hostels: **1**

        ii. Number of inmates: **53 (100 Capacity)**

        iii. Facilities (mention available facilities)

        - **Internet, Library, Television, Newspaper, Magazines**
        - **Attached bathrooms, Fan, Bed, chair**

    * Working women's hostel   :   **No**

        i. Number of inmates

        ii. Facilities (mention available facilities)

- Residential facilities for teaching and non-teaching staff : **Yes**

- Cafeteria: **Yes**

- Health centre: **Yes**

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

| Qualified doctor | ~~Fulltime~~ | **Part-time** |
| Qualified Nurse | **Fulltime** | ~~Part-time~~ |

- Facilities like banking, post office, book shops: **Bank ATM available**
- Transport facilities to cater to the needs of students and staff: **Yes**
- Animal house: **No**
- Biological waste disposal: **No**
- Generator or other facility for management/regulation of electricity and voltage: **Yes**
- Solid waste management facility: **Yes**
- Waste water management: **Yes**
- Water harvesting : **Yes**

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

2016-17

Sl. No	Programme 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-CE	4	Intermediate	English	60	46
		B.Tech-EEE				60	47
		B.Tech-ME				120	106
		B.Tech-ECE				120	117
		B.Tech-CSE				120	116
2	Post-Graduate	M.Tech-CSE	2	B.Tech	English	24	09
		M.Tech-VLSI				24	05
		M.Tech-Machine Design				24	03
		M Tech-Structural Engg				24	12

13. Does the college offer self – financed Programmes?

Yes   ~~No~~

If yes, how many   **UG: 5**   **PG: 4** **- Total: 9**

SI. No.	Name of the Programme / Course
1	B.Tech-CE
2	B.Tech-EEE
3	B.Tech-ME
4	B.Tech-ECE
5	B.Tech-CSE
6	M.Tech-CSE
7	M.Tech-VLSI
8	M.Tech-Machine Design
9	M Tech -Structural Engg.

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

Yes	√	~~No~~		Number	05

SI. No.	Name of the Programme / Course	Year of Approval	Sanctioned Intake
1	B.Tech-ME	2011-12	60
2	B.Tech-ME	2012-13	120
3	M.Tech-CSE	2012-13	24
4	M.Tech-VLSI	2012-13	24
5	M.Tech-Machine Design	2014-15	24
6	M Tech -Structural Engg.	2014-15	24

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
Engineering	Civil Engineering	Civil Engineering	Structural Engineering	--
	Computer Science & Engineering	Computer Science & Engineering	Computer Science & Engineering	

	Electronics & Communications Engineering	Electronics & Communications Engineering	VLSI	
	Electrical & Electronics Engineering	Electrical & Electronics Engineering	--	
	Mechanical Engineering	Mechanical Engineering	Machine Design	

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

   b.   **semester system**   **9**

   c.   ~~trimester system~~

17. Number of Programmes with

   a.   **Choice Based Credit System**   **5**

   b.   ~~Inter/ Multi disciplinary Approach~~

   c.   **Semester Based Credit System**   **4**

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

   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**

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 Management/ society or other authorized bodies Recruited	10	0	15	3	97	23	45	17	18	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.							
Ph.D.	8						
M.Phil.			3		2	1	
PG	2		12	3	93	24	148

22.   Number of Visiting Faculty/Guest Faculty engaged with the College.   **21**

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

academic years. B.Tech + M.Tech

Categories	2016		2015		2014		2013		2012	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	42	48	52	45	59	44	59	49	53	41
ST	0	0	1	0	1	0	1	0	0	0
OBC	80	97	130	98	88	81	114	97	128	84
General	66	100	82	118	86	123	101	115	115	98
Total	188	245	265	261	234	248	275	261	296	223

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	1852	78	--	--	1930
Students from other states of India	48	--	--	--	48
NRI students	--	--	--	--	--
Foreign students	--	--	--	--	--
Total	1900	78	--	--	1978

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

     UG – 0.4   **PG- 0.1**

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

     (a)Including the salary component   **Rs. 51,000**

     (b)Excluding the salary component   **Rs. 25,000**

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

Programme	Course	Faculty : Student ratio
B.Tech	Civil Engineering	1:15
	Computer Science & Engineering,	1:15
	Electronics & Communications Engineering	1:15
	Electrical & Electronics Engineering	1:15
	Mechanical Engineering	1:15
M.Tech	Structural Engineering	1:12
	Computer Science & Engineering	1:12
	VLSI	1:12
	Machine Design	1:12

29. Is the college applying for

Accreditation:

   Cycle1   ~~Cycle2~~   ~~Cycle3~~   ~~Cycle4~~

~~Re-Assessment:~~

   (Cycle1 refers to first accreditation and Cycle2, Cycle3 and Cycle4 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.   180

32. Number of teaching days during the last academic year   160

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

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

   IQAC   …… 06/07/2016

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)

PART – D
CRITERIA WISE INPUTS

PART – D

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

To develop the institution into a world class destination for technological education and research

Mission

- To impart high quality, industry relevant, career oriented, engineering education to rural students, to translate our vision into a reality
- To provide the best of instructional and institutional infrastructure facilities
- To have strategic linkages with industry and other institutions
- To mould students to meet the challenges of life with ethics, courage and conviction

Objectives of the college:
- To achieve academic excellence in professional education and emerge as a center of excellence.
- To strengthen the college and society in all academic aspects.
- To encourage and support collaborative and cross program initiatives.
- To include high moral, ethical and professional standards among our students and improve their overall personality.
- To improve the communication skills of rural students by arranging special training programmes.

Communication to students, faculty and other stakeholders:

- The Vision, Mission statements are communicated to all students, faculty and other stake holders through display boards, hoardings, website etc.
- The Objectives are communicated to various stakeholders through the college catalogue prospectus, news letter and other communiqué.

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).

SIET meticulously develops action plans for effective implementation of the curriculum. At the outset, the advisory committee of the college conducts meetings with the

heads of the departments to develop various strategies for effective implementation of the curriculum.

Thereafter, the staff members of various teaching departments conduct their internal meetings and develop academic plans for the coming academic year. Keeping the available number of working days in view, the syllabus is divided into units which are to be finished by a given deadline. Each Department of the college follows the academic calendar issued by the affiliating university.

Teachers are encouraged to impart the curriculum through innovative teaching methods such as presentations, assignments, discussions, workshops, seminars, industrial visits and with the other technological aids besides regular/traditional teaching methods. In order to make teachers' self-monitoring effective they are asked to develop course file. Course file, which contains lesson plan, assignments, tutorials, previous question papers, lecture diary and lecture notes, is maintained by each faculty for their respective subjects allotted. These course files are reviewed on continuous basis.

Thereafter, the college plans the academic schedule as per the university calendar which includes the details like the topics to be taught and the number of working days allocated to the respective topics, the amount of syllabus to be tested in various classes, by conducting mid exams and end semester examinations.

The implementation of curriculum is monitored through various means that include Student Representatives, Heads of the Departments and Principal at regular intervals.

The detailed process is given below:

- Curriculum and academic calendars are provided to each and every student.
- Departmental level meetings are conducted to develop academic action plans for Implementation of curriculum.
- Allocation of subjects to the faculty is done taking into consideration, the faculty Qualifications, specialization in the subject, experience and their willingness.
- Academic Time tables are prepared and are provided to the students.
- Lesson plans and teaching methods being factored in course diaries of the individual faculty and the academic schedule is strictly followed as per the calendar.
- Detailed course files are prepared by the faculty which includes comprehensive class notes, teaching material and PPT slides etc.
- Contents of Course files are as follows:

Academic plan
1. Faculty Profile

2. Course Objectives

3. Course Outcomes

4. Programme Educational Objectives (PEOs)

5. Programme Outcomes (POs)

6. Syllabus

7. Topics beyond Syllabus

8. Question Bank

9. Seminar topics

10. Assignment Question

11. Tutorial Questions

12. Lesson plan

- Time Table
    1. Academic Time Table

    2. Department Time Table

    3. Individual Time Table

- Notes & Materials

    1. Lecture Notes

    2. Power Point Presentations

    3. OHP Sheets

- Previous university question papers

- Sample copies of tutorial sheets conducted and evaluated

- Sample copies of Assignment sheets conducted and evaluated

- Details of remedial classes conducted

- Internal Assessment as prescribed by University(Two Exams per semester)

    1. Question Papers

    2. Evaluated Sample Copies of Answer sheets

    3. Marks List

- Attendance Register(s)

- Lab Manuals

- Sample copy of student lab record

- Faculty members are encouraged to impart curriculum through innovative teaching methods such as presentations, assignments, seminars, technical quizzes.

- Monitoring effective implementation of curriculum by HODs.

- Class attendance registers which also include the topics covered on day to day basis are scrutinized by the HOD and the Principal.

- In addition to the curriculum, students are educated about the latest developments in their respective fields by arranging guest lectures by industry experts, industrial and field visits etc., For example, students of all the departments have gone on at least one industrial visit during the third year of their course.

- Periodical feedback is obtained from the students on aspects of teaching learning. Regular Class Committee meetings are held by the Head of the Department to review the teaching learning process, academic progress of students, grievances if any, and suitable remedial measures are taken as and when necessary.

- Standard evaluation methods are followed by all the staff members of all departments uniformly while allowing individual innovations.

- Evaluation schedules are prepared by the Examination Cell of the college keeping in view the calendar of the University for various courses.

- The college has Internal Quality Assurance Cell (IQAC) that ensures regular Academic Audit of Attendance registers, Internal Examination Question papers and answer sheets at the end of each semester.

Fig: 1 University Academic Calendar

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?

University:

- University conducts workshops/seminars on respective subjects whenever the new curriculum is introduced.
- University provides Faculty Development Programs for enhancing teaching skills.
- University facilitates Engineering e-Learning courseware through JNTUK COEERD.

At SIET the faculty gets full support to improve their teaching practices by encouraging them to participate in Workshops and Seminars organized by the affiliating university for effectively translating the curriculum designed and revised by the JNTU, Kakinada.

The Institute subscribes to various online resources like Digital Library, Faculty members are encouraged to use the online resources along with NPTEL videos, and other software and simulation tools for a creative and continuous teaching-learning environment. Teachers are also encouraged to publish research papers in various reputed journals, participate in international and national seminars, conferences, workshops and FDPs. The Library and Computer Centers are kept open from 8:00 AM to 8:00 PM to facilitate the staff members to prepare and update the course contents.

Few recent FDPs / Workshops are mentioned below:

- ECE Department conducted workshop on"Hands on Embedded System" for students as well as Faculty (Mr. G. Vasu and Mr. SK. Anwar).
- EEE department conducted a 3 days training program on "PLC, SCADA & Industrial Automation" for students as well as Faculty (Mr. A. Veerraju and Mr. V. Vinod).
- ME department conducted a workshop on "IOT (Internet Of Things)" for students as well as Faculty (Mr. M. Veera Raju and Mr. K. Prudhvi kumar).
- CE department conducted a 3 days workshop on "RS & GIS" for students as well as Faculty (Mr. K. Raju and Mr. N. Srinivas).

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 college is making special efforts for professional development of its faculty to facilitate effective curriculum delivery by following means:

- Detailed course schedules and course materials are prepared by the faculty for the subject allotted to them.

- Modern teaching aids are available to the faculty (LCD Projectors, Internet/Wi-Fi, desktops, Seminar halls, etc.) as part of the respective department resources.

- Seminars and workshops are organized by the departments to increase the technical skills of the students.

- Frequent industrial visits are arranged to industries to provide practical exposure to the students on the subjects of curriculum.

- Faculty members prepare lab manuals for the courses as prescribed by the university to conduct in the laboratory and also additional experiments are added to make the students understand the concepts easily.

- The teacher diaries are scrutinized by the Head of the department and the Principal once in a month to verify the syllabus coverage and teaching schedules.

SRINIVASA

INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

DETAILS OF SYLLABUS COVERAGE -ACADEMIC YEAR 2016-17

Year and semester: IV B.Tech I SEM   Date:

S.NO	SUBJECT	NAME OF THE FACULTY	PERCENTAGE OF SYLLABUS COVERED & CURRENT UNIT AND TOPIC			SIGNATURE	REMARKS
			I-UNIT	II - UNIT	III-UNIT		
1	Environmental Engineering – II	Misss.D.NAVYA					
2	Prestressed Concrete	Mr.N.SRINIVAS					
3	Construction Technology and Managemen	Mr. E.RAMA GURAVAIAH					
4	Water Resources Engineering–II	Miss.CH.Y.NIKIHA					
5	Remote Sensing and GIS Applications	Mr.K.RAJU					
6	Ground Improvement Techniques	Miss.B.DURGA					
7	Environmental Engineering Lab	Misss.D.NAVYA, Mr. E.RAMA GURAVAIAH					
8	GIS & CAD Lab	Mr.N.SRINIVAS, Mr.K.RAJU					

CLASS TEACHER   HOD   PRINCIPAL

Fig: 2 Format of Syllabus coverage

- Department associations conduct JAM, technical quiz programmes to improve the skills of the students.

- Remedial classes are conducted for slow learners in every course to bring them on par with other students

- College provides videos lectures delivered by eminent professors and faculty members from IITs and NITs through its Library and encourages the students to listen to these lectures for better understanding of the courses.

- The faculty members are encouraged to pursue Ph.D programs and also to do research activities.

- Study leave is extended to the faculty members who wish to pursue Ph.D programmes.

- The faculty members are encouraged to publish their research papers in journals and conferences at National and International levels, and the publication/ registration fee is reimbursed by the college.

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

The college has set up a Career guidance, Training and Placement cell which maintains professional relations with the representatives of industry. The HR managers of various companies are invited to the college to interact with the students. The students of various departments of the college are taken for industrial visits from time to time to keep them abreast with the latest developments in the market.

To keep the research activities alive on the campus the faculty members of the college are also motivated to take up research. Faculty members keep interacting with various research bodies and participate in various research projects. Some faculty members who are members of professional bodies like ISTE, IETE, Computer Society of India (CSI), attend the conferences, which in turn help them in better curriculum delivery.

The faculty members of the college stay in regular touch with their counter parts at the affiliating university and get latest information regarding their respective subjects. They keep visiting the Parent University time to time to keep themselves abreast with the latest trends in their field of study. Further, Professors from the parent university are also invited to the college from time to time to give seminars and talks to the faculty members.

1.1.6   What are the contributions of the institution and/or its staff members to the development of the curriculum by the University? (Number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions, etc)

SIET conducts frequent meetings with industry experts, alumni, academic peers along with stakeholders and records their feedback on curriculum. The records are then communicated to the respective Boards of Studies, JNTUK. The curricula are developed and reviewed by respective Boards of Studies under the direction of the Academic Council of JNTUK. Then the Boards concerned forward their recommendations to the Academic Council for - introducing new academic programs, preparing detailed curricula, syllabi, scheme of examination and evaluation for the courses, and reviewing the syllabi from time to time and suggesting modifications/ up-gradation.

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, the responsibility of design, development and planning of curriculum lies with affiliating university.

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

The college has formed communication channels among all the stakeholders to ensure that objectives of the curriculum are achieved in the course of implementation. The achievements of stated objectives are ensured by:

- By taking feedback from students on course objectives and outcomes.

- By taking student feedback on faculty performance and content delivery.

- Feedback from outgoing students on curriculum and its implementation.

- The Heads of the departments periodically review the progress in the syllabus completion.

- By conducting unit tests/slip tests to evaluate the performance of the students.

- By encouraging the students to participate in the technical events like paper presentations, technical quizzes etc.,

- By add-on topics and additional experiments.

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.

Keeping with the vision and mission of the institute in nurturing and creating high caliber technologists with good attitudes, practical skills and knowledge SIET offers the following undergraduate and postgraduate programmes:

Name of the under graduate programme:

1. Civil Engineering

2. Computer Science and Engineering

3. Electronics and Communication Engineering

4. Electrical and Electronics Engineering

5. Mechanical Engineering

In all the above mentioned B.Tech programs students from diploma engineering can be admitted directly into second year by lateral entry scheme.

Name of post graduate program:

1. M.Tech (VLSI) - ECE

2. M.Tech (Structural Engineering) - CE

3. M.Tech (Machine Design) - ME

4. M.Tech (Computer Science and Engineering) - CSE

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

No, the college does not offer such programmes.

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:

- Range of Core/Elective options offered by the University and those opted by the college

- Choice Based Credit System and range of subject options

- Courses offered in modular form

- Credit transfer and accumulation facility

- Lateral and vertical mobility within and across programmes and courses

- Enrichment courses

The College is affiliated to JNTUK and follows the curriculum and syllabus of the University. Every programme has a curriculum comprising both theory and practical courses with well defined syllabi. There are certain minimum number of core courses and sufficient number of elective courses to be opted by the students.

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

Range of Core courses:

1. English language
2. Environmental Science
3. Management Sciences
4. Basic Sciences
5. Basic Engineering
6. Relevant Professional Subjects
7. Inter-Disciplinary Subjects and
8. Elective Subjects

Elective Options:

- B.Tech programme offers total five electives in the last three semesters, one open elective in VI semester, one elective in VII semester & three electives in VIII semester with six options under each elective.

- M.Tech programme offers two electives per semester (in semester I & II) with three options in each elective.

Choice Based Credit System and range of subject options

The courses are offered as per modules prepared by the Jawaharlal Nehru Technological University, Kakinada.

Courses offered in modular form

Courses are provided unit wise and are arranged in the modular form at department level by academic committees comprising of HOD's, Faculty and Principal. The modules so arranged are also used for testing the students in the exams, (1st MID, 2nd MID and Special tests).

Credit transfer and accumulation facility:

No credit transfer and accumulative facility exists.

Lateral and vertical mobility within and across programmes and courses

Lateral and vertical mobility within and across programmes and courses are governed by APSCHE.

Enrichment courses

No enrichment courses are offered by the college.

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, SIET is a self financed institution and all the courses are run by self supported schemes. The curriculum is designed by the affiliating university JNTUK. Admissions are done through AISCHE and fee fixation through UGC. The faculty qualification and salary are prescribed by AICTE norms.

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

Yes, SIET offers additional skill enrichment programmes to meet the needs of the industry. The college has initiated inhouse Campus Recruitment Training (CRT) along with the regular class work to improve soft skills, communication and analytical skills of the students to attend interviews.

- ECE Department conducted workshop on "Hands on Embedded System" for students as well as Faculty (Mr. G. Vasu and Mr. SK. Anwar).
- EEE department conducted a three day training program on "PLC, SCADA & Industrial Automation" for students as well as Faculty (Mr. A. Veerraju and Mr. V. Vinod).
- ME department conducted a workshop on "IOT (Internet of Things)" for students as well as Faculty (Mr. M. Veera Raju and Mr. K. Prudhvi kumar).
- CE department conducted a three day workshop on "RS & GIS" for students as well as Faculty (Mr. K. Raju and Mr. N. Srinivas).

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

No, the university does not allow the flexibility of combining conventional face to face and distance mode of education.

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 college makes every effort to supplement the curriculum of the University to ensure that the college goals and objectives are met. To face the current trends in competitive areas the institute has evolved additional inputs in the syllabi. Additional Laboratory experiments have been included in lab courses apart from curriculum to enrich the student's practical knowledge and skill. To make up any deficiencies, the college supplements the university curriculum by imparting special courses like Personality Development, Campus Recruitment Training, Soft and Communication Skills training to succeed in campus interviews conducted by various companies. And also the Institute encourages the faculty and students to use online resources like Digital Library, J-Gate and DELNET e-journals, NPTEL lectures, and simulation software to improve their learning and research skills.

The following are sample topics beyond syllabus

I. Subject -EDC (II ECE Semester—1)

 1. Compound semiconductors like GaAs

 2. Graded junction concept at P.N junction diode

II. Subject -Managerial Economics and Financial Accounts (II-I ECE)

 1. Strategic Management

 2. Organizational Behavior

 3. Supply Chain Management

 4. Budget Analysis

 5. Time Management

 6. Money Metric

 7. Statistics

 8. Quantities Techniques

III. Subject -Linear Integrated Circuits and Applications (III-I ECE)

 1. Gyrator

 2. Mirror Circuits

 3. Interfacing DAC to Micro Processor.

IV. Subject -Surveying (II-I Civil Engg.)

 1. Omitted Measurements

 2. Minor Instruments

3. Precise Levelling.

V. Subject –Water Resources Engineering-II (IV-I Civil Engg.)

1. Advantages and ill effects of irrigations

2. Economics of canal Lining

These are the following add on experiments in Chemistry.

a) Cloud and Pour Point Apparatus

b) Aniline Point Apparatus

c) Pensky Matrin Flash Point Apparatus

d) Red Wood Viscometer.

These are the following add on experiments in Physics.

a) Plank's Constant

b) Resonance Apparatus

These are the following add on programs in Unix Programming in CSE

a) Write a shell script to display permissions of a file?

b) Write a shell script to display wish "Good Morning", Good Afternoon", "Good Evening" and "Good Night" based on system time?

c) Write a shell script to display contents of a file?

d) Write a C program i) To create a message queue, ii) To send a message to message queue and iii) To read a message from message queue?

Additional Experiments:

Strength of Materials lab:

1. Tension test on HYSD bars.
2. Microstructure of Hardened and Tempered Steel

Engineering Geology lab:

1. Study of toposheets.
2. Study of faults.

Concrete Technology lab:

1. Determination of specific of fine aggregates.
2. Determination of flakiness index of coarse aggregates.

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

The institution has taken measures to cater to the global market needs based on the true

assessment of strengths and services offered on the campus. The institution is completely computerized at the administration and academic levels. Computer labs are well equipped with latest computers. Internet facility is made available at the library and the entire campus is connected to internet via Wi-Fi. OHP, Computers, LCD Projectors are being used for effective communication and teaching. All graduation courses involve one compulsory paper on fundamentals of Computers. The study of this enables all graduates to be familiar with computer fundamentals which enhance employability. Supplementary courses apart from curriculum are introduced to meet the needs of dynamic employment market. Our students will be able to compete in the global human resource market by undergoing the above supplementary value added courses, industry oriented Mini and Major projects and Workshops.

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

Girls and boys participate in various co-curricular activities such as paper presentations, organization of paper contests, group discussions, technical quiz programmes, etc. Both boys and girls are made members of various academic, co-curricular and extracurricular activities.

Girls and boys work together in laboratories for performing the experiments and share their knowledge. They both can express their ideas and can read in a good manner and maintain the good relationships between them.

The cross cutting issues like Gender, Climate Change, Environment Education, Human Rights, ICT etc, find an ample space when it comes to applying them positively into the curriculum. Efforts are made to accommodate cross cutting issues into curriculum through Guest lectures from eminent personalities from industry, organizing competitions, workshops and expert lectures beyond the curriculum in relevant areas.

Fig: 3. Students participated in various activities

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

Following courses are part of JNTUK Curriculum:

> I-I - Environmental Studies
>
> I-II - Professional Ethics and Human Values

- **Moral and Ethical values**

In order to ensure holistic development of the students, JNTUK has incorporated Professional Ethics and Morals into the curriculum. The institute itself has conducted many programmes in association with other organizations to make our students better citizens.

- **Employable and life skills**

To enhance the employability and life skills of the student community, all the departments are working through various activities in the institute.

- **Better career options**

The college understands that the need of communication skills is vital for the students for better career options. Therefore the institution has incorporated Soft & Communication Skills and Analytical Skills into the curriculum at 2nd and 3rd year level of UG programmes. The institution has recruited expert trainers in the above areas to develop communication competence among the students. Students are also allotted the different responsibilities in organizing various events and activities such as cultural programmes, competitions, seminars, workshops etc. In this way they improve their team building and organizational skills.

- **Community Orientation**

The college has an NSS team which regularly visits surrounding areas and villages where people are provided awareness on various social, moral, ethical principles and ways of life. NSS team of the college participates in community services/development activities like organizing blood donation camps periodically.

Fig: 4. NSS Special Camp

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

The institution has various channels to collect and document responses on curriculum from the stake holders. Students express their opinion on curriculum through response sheets. Oral responses are also considered. Special formats are used for alumni and parents to register their views during interface meetings. The Advisory committee analyses feedback and prepares response chart for future use. The Principal, being the head of the institution is responsible for collecting feedback from different stakeholders through periodic meetings. The Principal's office will then process and submit the analysis report and present it to the college managing committee. The Principal reviews the analysis reports and initiates interventions. The teachers collect the exit level feedback from the graduates regarding learning processes after the end of each semester. The inputs are obtained from the stakeholders regularly and further used to improvise the overall competency of the students for employability.

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 feedback in the form of interactions, discussions and suggestions is analyzed by a specially constituted committee and report is submitted to the Head of the Department. An advisory committee of first five experienced faculty members has been constituted to monitor and evaluate the efficiency and success of these enrichment programs. This committee meets the higher authorities like Principal and the Managing Committee from time to time and amends the enrichment programs to meet the desired objectives.

The Institution makes sure that the programmes offered in the curriculum include contribution to national development, fostering global competencies among students,

inculcating a value system among students, promoting the use of technology and quest for excellence. The College's efforts to ensure that the curriculum bears a thrust on these core values include the initiative for Contribution to national development.

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 curricula are developed and reviewed by respective Boards of Studies under the direction of the Academic Council of JNTUK. Then the Boards concerned forward their recommendations to the Academic Council the introduction of new Academic programs; prepare detailed curricula, syllabi, scheme of examination and evaluation for the courses; and review the syllabi from time to time and suggest modifications/ upgradation.

The new programs/curricula are formally approved by the Academic Council at JNTUK after detailed deliberations and the minutes of the meetings are duly recorded.

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

Yes, the feedback on syllabi and on other aspects is obtained from the students, alumni, the stakeholders, academic peers and is analyzed by the college committee chaired by principal and Board of Directors. The outcome/ suggestions for improvements of syllabus are then communicated to the respective Boards of Studies at JNTUK for suitable action.

Feedback form used for the add on courses training is shown below

Fig: 5. Feedback Form: Training

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?)

SIET in the recent past has introduced four Post Graduation courses, one Under

Graduate courses in engineering,

Following academic programs have been started by the college in the last 4 years.

UG/PG	Course Name	Year Started
Under Graduation	Mechanical Engineering	2011-2012
Post Graduation	VLSI	2012-2013
	Computer Science and Engineering	2012-2013
	Structural Engineering	2014-2015
	Machine Design	2014-2015

Need of introducing PG programmes:

According to AICTE, there is an acute shortage of qualified and effective faculty members in our country. In order to increase the qualified faculty, AICTE has taken steps to increase the number of post graduate students in colleges.

SIET belongs to rural area. Here facilities are limited for post graduation studies. So to provide post graduate studies to rural students the concept of introducing PG programmes in the college was envisaged.

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?

The college ensures publicity and transparency in the admission process by following means.

      A. Publicity in the Admission Process

      B. Transparency in the Admission Process

A. Publicity in the Admission Process:

1. Newspaper Advertisement
2. Television Advertisement
3. Flex Boards Advertisement
4. Website Advertisement
5. Pamphlet Distribution
6. College Brochure Distribution

1. Newspaper Advertisement:

The college has a good reputation and is certified with ISO 9001:2015 with a large number of technical courses in UG and PG level located in Cheyyeru (v) near Amalapuram, East Godavari district in Andhra Pradesh.

The admission notification issued as advertisement in leading regional daily newspapers. The notification advertisement contains detailed information about the UG and PG courses, Intake of students, eligibility criteria, process of admission and the facilities provided by the college management.

2. Television Advertisement:

The college is issued a few minutes of video coverage which includes the complete information about the college. This video clip is telecast daily in the local channels around the locality of the college.

3. Flex Boards Advertisement

The college ensures the publicity by means of flex boards at main centers and beside the roads to be clearly visible to the public. The flex boards mainly contain the placements, culture of college, innovation, transports and various facilities provide to the students.

Figure: Flex Board of College (Example)

4. Website Advertisement

The college ensures the publicity by means of college website. This site gives the complete details of the institute like notifications, admissions, examinations, staff, labs, classrooms, transport, cultural events, projects of students etc. This site is updated every day by the website designers. The college website is **www.sriniet.edu.in**

Figure: College Website (Screen Shot)

5. Pamphlet Distribution

The college ensures the publicity by means of pamphlets. This pamphlet contains the entire details of the institute like notifications, admission details, staff

details, labs, class rooms, transport, cultural events, projects of students etc. These pamphlets are distributed to the students nearby schools and colleges (Junior and degree) in order to spreading awareness among students to join in our college at the time of admissions.
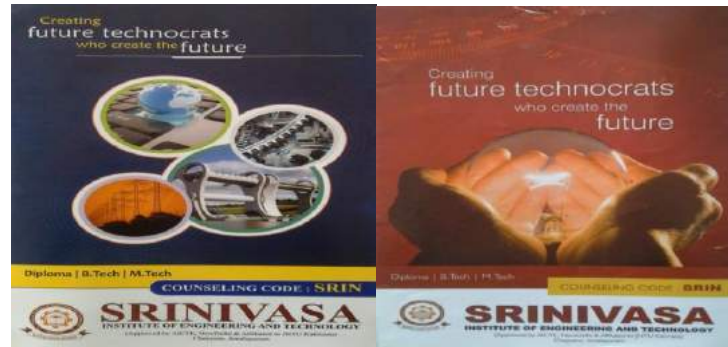
Figure: College Pamphlets

6. **College Brochure Distribution**

A brochure of college is distributed to the nearby schools and colleges (Junior and degree) in order to spread awareness among students to join our college. The academic, administrative and financial aspects related to the admission are stated clearly in the brochure and the notification advertisement. The prospectus of the college is also available on the college website www.sriniet.edu.in

Figure: College brochures (Hand Book)

B. **Transparency in the Admission Process:**

The admission process of B.Tech course in the institutions of Andhra Pradesh state will follow two categories.

1. **Category-A (Convener Quota)**
2. **Category-B (Management Quota)**

Category-A:

(Aspirants through state level entrance examination: APEAMCET/PGECET/ ECET/ GATE)

- The college admission is done through the counseling which is held at the state government and university level.
- The selection of students to the college is done through the admission committees in the counseling centers which include a convener and a panel of experts, who are external experts appointed by the APSCHE.

.

Thus the transparency is guaranteed and maintained all through the process from the start of the notification till the end of admission. Therefore, the access, equity in social justices, etc. are guaranteed through transparency and adherence to the rules.

Category – B: Management Quota

- Category – B admissions are done in a transparent manner as the applications are uploaded to Centre for Good Governance (CGG) www.apsche.cgg.gov.in. A merit list is prepared and final list is communicated to the college management.

Hence, the Admission process is 100% transparent including the announcement of last date for closure of admissions and commencement of regular classes.

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

S.No.	Criteria	Institute Follows	To Whom
1	Common admission test	Yes	Category-A
2	Merit	Yes	Category-B
3	Combination of merit and entrance test	No	---
4	Entrance test and interview	No	---
5	Any other	No	---

Criteria adopted in the Process of Admission:

The college offers only technical courses for undergraduate and post graduate courses. As per the directives of the university, the admission of the students into the college will start after the commencement of counseling. The selection process is based purely on the marks obtained in the qualifying examination and percentage of marks in the previous programme of study. The admission procedure strictly adheres to the rules which are laid down by the university and state government.

Admission procedure:

All the admissions are regulated by Andhra Pradesh State Council for Higher Education (APSCHE). All the admissions made are in two categories i.e. A & B, as per the guidelines mentioned in various GOs released by Govt. of AP from time to time.

S.No	Course	Category-A	Category-B
1	B.Tech	APEAMCET	Merit
		APECET (For Laterals)	---
2	M.Tech	GATE/APPGECET	Merit

All the admissions made are in two categories:

1. **Category – A : Convener Quota**
2. **Category – B : Managememnt Quota**

1. Category – A Seats:

There is a centralized online system maintained by APSCHE for Category – A seats (Aspirants applying through state entrance exam) 70% of seats.

APEAMCET 2016 Counseling Procedure comprises the following points:

- Certificate Verification
- Exercising Options
- Web Option Entry
- Choice filling and Locking
- Modification of Option and Freezing
- Seat Allotment
- Allotment Order, Fee Payment and Reporting to College

Procedure for filling Category – A seats:

- Candidate's certificates are verified by APSCHE and after that; they will generate One Time Password (OTP) to the student's mobile. (In previous years, online card to the students were issued)
- After entering OTP, the students are allowed to choose any particular branch of engineering in any of the engineering colleges. They can give multiple choices regarding the college in order of preference. Government allots the seats to the students through online process based on the merit and rank in APEAMCET-2016 (B.Tech),

APECET-2016 (B.Tech Laterals), GATE-2016 or APPGECET-2016 (M.Tech) etc. The student can choose alternate college if they do not like the original allotment made by government by attending the second counseling.

- If any seats are left vacant due to non- reporting or any other reason in category – A, the seats are filled at the end of the counseling in institutional spot admissions as per the norms of the convener of the common entrance test.

Figure: College Details in APSCHE Web site

2. Category – B Seats:

The remaining 30 % of the total seats (Category – B: Management Quota- 5% NRI, 25% other states) are filled by the college as per the guidelines issued by the APSCHE in a transparent manner. Until the year 2014-15, the college used to send a list of admitted candidates along with necessary certificates to APSCHE for approval, but for current year admissions, they are uploaded in the website of CGG. After approval of CGG, approval of APSCHE is also sought.

Figure: Paper advertisement for Category "B" students

Eligibility criteria for Category – B to join in engineering colleges:

- Candidates should obtain at least 45% of marks (40% in case of candidates belonging to reserved category) in the qualifying exam (10+2).

- Candidate should have passed in the final year of Intermediate examination (10+2 pattern) with mathematics, Physics along with chemistry or related vocational courses in the fields of Engineering and Technology conducted by the Board of Intermediate Education, Andhra Pradesh along with bridge course.

Procedure for filling Category – B seats:

- Publication of category –B notification in news papers

- College information is posted on web portal of CGG/college and state council

- Submission of filled applications by student or college

- Preparation of merit list of applications posted in CGG and also sent to college

- Selection list for admissions

- Validation of selection lists by the competent authority

- Interviews for selected candidates

- Filling up the vacant seats (if any)

- Submission of admission list for approval of the competent authority

Category-B admission application form & merit list of Category-B upload site:

Figure: Category-B admission application form & Merit list of Category-B upload site

Lateral Entry:

The admission process of lateral entry in B.Tech course in the institutions of Andhra Pradesh state will also follow two categories.

1. **Category-A (Convener Quota)**
2. **Spot Admission**

1. Category-A (Convener Quota)

20% of the sanctioned intake seats are added for the lateral entry admission at the second year level in each of the disciplines offered by the college for the students who have completed their Diploma course from any Polytechnic. The candidates should have passed the qualifying exam. Diploma holders/B.Sc with Mathematices as background candidates shall be admitted into the II year I semester directly, based on the rank secured by them at Andhra Pradesh Engineering Common Entrance Test (APECET) in accordance with the instructions received from the Convener of APECET and Govt. of AP.

2. Spot Admission

After filling the lateral entry seats through APECET, the remaining seats are filled in Spot Admission by the college as per the guidelines issued by the APSCHE in a transparent manner/B.Sc with mathematics as main subject.

Eligibility criteria to join in engineering colleges:

- **Category-A:** Candidates should obtain a rank in common entrance exam APECET and pass in the qualifying Polytechnic examination.
- **Spot Admission:** Candidates should obtain at least 45% of marks (40% in case of candidates belonging to reserved category) in the qualifying Polytechnic examination.

Procedure for filling Category – A seats:

- Certificate Verification
- Exercising Options
- Web Option Entry
- Choice filling and Locking
- Modification of Option and Freezing
- Seat Allotment
- Allotment Order, Fee Payment and Reporting to College

Programme wise analysis of B.Tech & M.Tech admitted students

1. B.Tech- CIVIL-Analysis of admitted students in the year 2016-17:

CIVIL		TOTAL	MALE	FEMALE
	TOTAL	46	21	25
TYPE OF ADMISSION	CONVENER QUOTA	40	16	24
	MANAGEMENT QUOTA	6	5	1
REGION	AU	45	21	24
	OU	1	0	1
	SVU	0	0	0
CASTE	BC-A	2	2	0
	BC-B	15	8	7
	BC-C	2	2	0
	BC-D	1	1	0
	OC	17	5	12
	SC	11	3	8
	ST	0	0	0
PH	Any Kind	0	0	0

2. B.Tech- EEE-Analysis of admitted students in the year 2016-17:

EEE		TOTAL	MALE	FEMALE
	TOTAL	46	17	29
TYPE OF ADMISSION	CONVENER QUOTA	41	14	27
	MANAGEMENT QUOTA	5	3	2
REGION	AU	46	17	29
	OU	0	0	0
	SVU	0	0	0
CASTE	BC-A	3	2	1
	BC-B	15	5	10
	BC-C	0	0	0
	BC-D	0	0	0
	OC	16	3	13
	SC	14	9	5
	ST	0	0	0
PH	Any Kind	0	0	0

3. B.Tech- MECH-Analysis of admitted students in the year 2016-17:

MECH		TOTAL	MALE	FEMALE
	TOTAL	105	105	0
TYPE OF ADMISSION	CONVENER QUOTA	80	80	0
	MANAGEMENT QUOTA	25	25	0
REGION	AU	78	78	0
	OU	2	2	0
	SVU	0	0	0
CASTE	BC-A	7	7	0
	BC-B	33	33	0
	BC-C	2	2	0
	BC-D	3	3	0
	OC	38	38	0
	SC	25	25	0
	ST	0	0	0
PH	Any Kind	0	0	0

4. B.Tech- ECE-Analysis of admitted students in the year 2016-17:

ECE		TOTAL	MALE	FEMALE
TOTAL		116	22	94
TYPE OF ADMISSION	CONVENER QUOTA	82	13	69
	MANAGEMENT QUOTA	34	9	25
REGION	AU	116	22	94
	OU	0	0	0
	SVU	0	0	0
CASTE	BC-A	7	4	3
	BC-B	33	4	29
	BC-C	1	0	1
	BC-D	3	2	1
	OC	50	12	38
	SC	22	2	20
	ST	0	0	0
PH	Any Kind	0	0	0

5. B.Tech- CSE-Analysis of admitted students in the year 2016-17:

CSE		TOTAL	MALE	FEMALE
TOTAL		117	21	96
TYPE OF ADMISSION	CONVENER QUOTA	84	14	70
	MANAGEMENT QUOTA	33	7	26
REGION	AU	117	21	96
	OU	0	0	0
	SVU	0	0	0
CASTE	BC-A	6	0	6
	BC-B	41	8	33
	BC-C	0	0	0
	BC-D	3	3	0
	OC	47	10	37
	SC	18	4	14
	ST	0	0	0
PH	Any Kind	0	0	0

M.Tech:

1. M.Tech-Structural Engineering-Analysis of admitted students in 2016-17:

CIVIL - SE		TOTAL	MALE	FEMALE
TOTAL		12	6	6
TYPE OF ADMISSION	CONVENER QUOTA	11	5	6
	MANAGEMENT QUOTA	1	1	0
REGION	AU	12	6	6
	OU	0	0	0
	SVU	0	0	0
CASTE	BC-A	1	1	0
	BC-B	3	2	1
	BC-C	0	0	0
	BC-D	1	1	0
	OC	4	2	2
	SC	3	0	3
	ST	0	0	0
PH	Any Kind	0	0	0

2. M.Tech-MACHINE DESIGN-Analysis of admitted students in 2016-17:

MCDG		TOTAL	MALE	FEMALE
	TOTAL	3	3	0
TYPE OF ADMISSION	CONVENER QUOTA	3	3	0
	MANAGEMENT QUOTA	0	0	0
REGION	AU	3	3	0
	OU	0	0	0
	SVU	0	0	0
CASTE	BC-A	0	0	0
	BC-B	1	1	0
	BC-C	0	0	0
	BC-D	1	1	0
	OC	1	1	0
	SC	0	0	0
	ST	0	0	0
PH	Any Kind	0	0	0

3. M.Tech-VLSI-Analysis of admitted students in the year 2016-17:

VLSI		TOTAL	MALE	FEMALE
	TOTAL	5	0	5
TYPE OF ADMISSION	CONVENER QUOTA	4	0	4
	MANAGEMENT QUOTA	1	0	1
REGION	AU	5	0	5
	OU	0	0	0
	SVU	0	0	0
CASTE	BC-A	1	0	1
	BC-B	1	0	1
	BC-C	0	0	0
	BC-D	0	0	0
	OC	2	0	2
	SC	1	0	2
	ST	0	0	0
PH	Any Kind	0	0	0

4. M.Tech-COMPUTER SCIENCE & ENGG-Analysis of admitted students:

CSE		TOTAL	MALE	FEMALE
	TOTAL	9	4	5
TYPE OF ADMISSION	CONVENER QUOTA	9	4	5
	MANAGEMENT QUOTA	0	0	0
REGION	AU	2	2	0
	OU	0	0	0
	SVU	0	0	0
CASTE	BC-A	0	0	0
	BC-B	2	1	1
	BC-C	0	0	0
	BC-D	0	0	0
	OC	4	2	2
	SC	3	1	2
	ST	0	0	0
PH	Any Kind	0	0	0

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

The college offers two types of technical programmes for undergraduate and post graduate level. The list is given below.

1. **B.Tech** - Under Graduate Level

2. **M.Tech** - Post Graduate Level

Students' admission to particular department is made after counseling and preparation of the merit list. Students seeking admission in management quota also must satisfy the requirements and should have good percentage in their academics. The admission procedure is done strictly and transparently according to the conditions laid by the JNTUK Kakinada and AICTE. The same procedure is followed in the case of Post Graduation programme of M.Tech.

1. Bachelor of Technology (B.Tech):

The college offers four years Under Graduate programmes in various departments. List of various B.Tech courses are listed below.

1. Civil Engineering

2. Electrical and Electronics Engineering

3. Mechanical Engineering

4. Electronics and Communication Engineering

5. Computer Science and Engineering

B.Tech Students admitted in the year 2016-17:

S.No	Department	Total Students admitted in the year 2016-17					
		Category-A		Category-B		TOTAL	
		Approved	Admitted	Approved	Admitted	Approved	Admitted
1	CIVIL	42	41	18	6	60	47
2	EEE	42	40	18	7	60	47
3	MECH	84	80	36	25	120	105
4	ECE	84	82	36	34	120	116
5	CSE	84	84	36	33	120	117
	TOTAL	**336**	**327**	**144**	**105**	**480**	**432**

Table: Total B.Tech Students admitted in the year 2016-17

Admissions Quality:

Best and Last ranks/ Marks of B.Tech students:

- **Best and Last rank of students admitted to B.Tech in the year 2016-17 (Category-A):**

S.No	Department	2016-17		2015-16	
		Best Rank	Last Rank	Best Rank	Last Rank
1	CIVIL	19197	136423	41435	130024
2	EEE	35978	137307	32007	132405
3	MECH	41577	137808	26569	131465
4	ECE	18714	137467	7926	129251
5	CSE	16727	137223	23044	125626

Table: Total **Best and Last rank** of B.Tech Category-A Students in the year 2016-17

- **Best and Least Marks of students admitted to B.Tech in the year 2016-17 (Category-B):**

S.No	Department	2016-17		2015-16	
		Best Aggr.	Least Aggr.	Best Marks (1000 M)	Least Marks (1000 M)
1	CIVIL	89.10	50.40	903	495
2	EEE	93.90	55.30	882	323
3	MECH	90.70	48.20	906	487
4	ECE	96.50	48.40	947	521
5	CSE	94.70	49.90	973	550

Table: Total **Best and Least Marks** of B.Tech Category-B Students in the year 2016-17

B.Tech admitted Students since last 3 years:

S.No	Department	Total admitted Students since last 3 years					
		2016-17		2015-16		2014-15	
		Approved	Admitted	Approved	Admitted	Approved	Admitted
1	CIVIL	60	47	60	58	60	60
2	EEE	60	47	60	57	60	37
3	MECH	120	105	120	112	120	112
4	ECE	120	116	120	117	120	106
5	CSE	120	117	120	120	120	118
	TOTAL	**480**	**432**	**480**	**464**	**480**	**433**

Table: Total B.Tech admitted Students since last 3 years

2. Master of Technology (M.Tech):

The college offers two years Post Graduate programmes in various departments. List of various M.Tech courses offered are listed below.

1. ECE   - VLSI
2. CSE   - Computer Science & Engineering
3. MECH   - Machine Design
4. CIVIL   - Structural Engineering.

M.Tech Students admitted in the year 2016-17:

S.No.	Programme	Total Students admitted in the year 2016-17					
		Category-A		Category-B		TOTAL	
		Approved	Admitted	Approved	Admitted	Approved	Admitted
1	M.Tech(SE)	18	11	6	1	24	12
2	M.Tech(VLSI)	18	4	6	1	24	5
3	M.Tech (CSE)	18	9	6	0	24	9
4	M.Tech (MD)	18	3	6	0	24	3
	TOTAL	**72**	**27**	**24**	**2**	**96**	**29**

Table: Total M.Tech Students admitted in the year 2016-17

Best and Last ranks/ Marks of M.Tech students:

S.NO	Department	2016-17		2015-16	
		Best Rank	Least Rank	Best Rank	Least Rank
1	M.Tech(SE)	487	4797	655	4401
2	M.Tech(VLSI)	633	4757	761	9174
3	M.Tech (CSE)	350	3391	654	5636
4	M.Tech (MD)	111	3133	118	3874

Table: Total **Best and Last rank** of M.Tech Category-A Students in the year 2016-17

S.No	Programme	2016-17		2015-16	
		Max Marks	Min Marks	Max Marks	Min Marks
1	M.Tech(SE)	4658/5650	--	5372/5650	4273/5650
2	M.Tech(VLSI)	4823/5650	--	3873/5650	--
3	M.Tech (CSE)	--	--	4612/5650	3158/5650
4	M.Tech (MD)	--	--	4082/5650	4082/5650

Table: Total **Best and Least Marks** of M.Tech Category-B Students in the year 2016-17

M.Tech admitted Students since last 3 years:

S.No	Programme	Total admitted Students since last 3 years					
		2016-17		2015-16		2014-15	
		Approved	Admitted	Approved	Admitted	Approved	Admitted
1	M.Tech(SE)	24	12	24	13	24	15
2	M.Tech(VLSI)	24	5	24	14	24	18
3	M.Tech (CSE)	24	9	24	8	24	14
4	M.Tech (MD)	24	3	24	14	24	04
	TOTAL	**96**	**29**	**96**	**49**	**96**	**51**

Table: Total M.Tech admitted Students since last 3 years

Comparison of admissions in the academic year 2016-17 with other colleges:

Institution	Srinivasa Institute of Engineering and Technology (SIET), Cheyyeru		Amalapuram Institute of Management and Science (AIMS), Mummidivaram		Prasiddha College of Engineering and Technology (PCET), Anathavaram	
Distance from SIET	**0 km**		**5 km**		**4 km**	
Programme	**Approved**	**Admitted**	**Approved**	**Admitted**	**Approved**	**Admitted**
CIVIL	60	47	60	14	60	5
EEE	60	47	60	18	60	37
MECH	120	105	120	32	120	72
ECE	120	116	120	13	120	68
CSE	120	117	120	32	120	78
Total	480	432	480	109	480	260
Percentage	**90%**		**22.70%**		**54.16%**	

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

The college verifies and reviews all the profiles of the students admitted annually. The college has well-planned well defined and well-designed mechanisms as far as reviewing the profiles and merits of the students. The college academic section regularly monitors and provides information to the academic heads for proper corrective measures.

- In particular, the committee which is responsible for the admission procedure will monitor a particular section of students like girls, rural background, or any specific community is found to be in less numbers in the admission lists.

- The committee reviews the aspirants' needs and plans and allocates resources accordingly.

OUTCOME:

As a result of these activities in the last four years, the college has noticed a continuous growth of students in both academics and discipline. Personal grooming, training and other important aspects have immensely helped in enhancing the number of admissions.

The students have learnt to energize their positive attitude to convert their potential into many constructive activities and got placed into renowned industries.

Improvement of Admissions:

B.Tech:

S.No.	Academic Year	Total Seats Approved	Total Seats Admitted	Percentage %	Increase / decrease
1	2009-10	240	240	100%	---
2	2010-11	360	320	88.88%	-11.12%
3	2011-12	420	408	97.14%	+8.26%
4	2012-13	480	480	100%	+2.86%
5	2013-14	480	455	94.79%	-5.21%
6	2014-15	480	433	90.20%	-4.59%
7	2015-16	480	464	96.70%	+6.50%
8	2016-17	480	432	90%	-6.7%

Table: Year wise Percentage of Increase / decrease of B.Tech Admissions

Reasons to Increase / Decrease of B.Tech Admissions:

- 2010-11 (-11.12%): In this academic year admissions decreased due to the sudden demise of Dr. Y S Rajasekhar Reddy, the then Chief Minister of AP leading to doubts in the minds of people about the implementation of fee reimbursement.
- 2012-13 (+8.26%): In this academic year admissions increased as a result of some effective measures adopted by the institution practically in all domains.
- 2013-14 (-5.21%): In this academic year admissions decreased due to the bifurcation of the state of Andhra Pradesh.
- 2014-15 (-4.59%): In this academic year admissions decreased as a new political party assumed power at the state. This cast doubts in the minds of people about the implementation of fee reimbursement.
- 2015-16 (+6.05%): In this academic year admissions increased as a result of increased number of placements in all the branches.
- 2016-17 (-6.7%): In this academic year admissions decreased due to a slight increase in fee structure approved by the government.

M.Tech:

S.No.	Academic Year	Total Seats Approved	Total Seats Admitted	Percentage %	Increase / decrease
1	2013-14	48	36	75%	---
2	2014-15	96	51	53.12%	-21.88%
3	2015-16	96	49	51.04%	-2.08%%
4	2016-17	96	29	30.21%	-20.83%

Table: Year wise Percentage of Increase / decrease of M.Tech Admissions

Reasons to Increase / Decrease of M.Tech Admissions:

- 2014-15 (-21.88%): In this academic year admissions decreased as a new political party assumed power at the state. This cast doubts in the minds of people about the implementation of fee reimbursement.
- 2015-16 (-2.08%): In this academic year admissions increased as a result of increased number of placements in all the branches.
- 2014-15 (-20.83%): In this academic year admissions decreased due to a slight increase in fee structure approved by the government.

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

- SC/ST
- OBC
- Women
- Differently abled
- Economically weaker sections
- Minority community
- Any other

1. **SC/ST/OBC**

- Students from SC/ST/OBC are allotted seats as per state government policies. Tuition Fees reimbursement, fee exemptions and endowment benefits are also extended to these students in our college as per the state government rules.

- These students are provided with certain extra facilities by the college management also like bus fee concession on case to case. The college continuously bestow their efforts to create awareness on the importance of higher studies i.e. education as a means of empowerment that brings change in the society.

- The faculty members of our college visit the neighboring villages in order to promote the awareness on the improvement of higher studies by counseling the students belonging to the non creamy layers. The faculty members also explain various benefits that the students will receive from the government in accordance with the reservation policies, financial and academic facilities to be received from the college and state government.

- The reservation quota for various sections in EAMCET Category – A(convener quota) seats as per stipulation of Andhra Pradesh State Government are ST-6% , SC-15%, BC-25%, NCC- 1%,PH-3%, Ex-Servicemen-2%, Sports-0.5% .

S.No	Section	Total	SC	% of SC	ST	% of ST	OBC	% of OBC
1	CIVIL	41	11	26.19	0	0	31	73.80
2	EEE	40	12	31.70	0	0	28	68.29
3	MECH	80	23	28.57	0	0	59	70.24
4	ECE	82	20	23.80	0	0	62	73.81
5	CSE	84	19	21.43	0	0	66	78.57

Table: Total List of Students cast wise admitted (category-A) in the year 2016-17

2. **Women**

- For women, there is a separate reservation policy of the state Government and University during admissions, which is strictly adhered to.

- There is no discrimination based on gender as women also compete for a fair merit base with men. Over and above this, women are provided with 33.33 percent reservation.

- Separate hostel facilities are available for women.

- The college also provides special orientation and counseling for the needy parents on the importance of women's education.

- Exclusive facilities for woman students are provided in terms of incentives, security, protection, and special reservation by the state government and college.

Women staff in the academic year 2016-17:

S.No	Department	Total Staff	Women Staff	Percentage
1	CIVIL	16	2	12.5%
2	EEE	13	3	23.08%
3	MECH	28	4	14.29%
4	ECE	28	6	21.43%
5	CSE	28	4	14.29%
6	S&H	35	9	21.71%

Table: Number of women staff in the college, 2016-17

Women students (Category-A) in the Academic Year 2016-17:

B.Tech:

S.NO	Department	Total Students	Girls	Percentage
1	CIVIL	42	26	61.9%
2	EEE	41	27	65.8%
3	MECH	83	0	0%
4	ECE	82	69	84.1%
5	CSE	84	70	83.33%
	TOTAL	**332**	**192**	**57.83%**

Table: Number of B.Tech women students (category-A) in the college, 2016-17

M.Tech:

S.NO	Department	Total Students	Girls	Percentage
1	M.Tech(SE)	12	7	58.33%
2	M.Tech(VLSI)	5	5	100%
3	M.Tech (CSE)	9	5	55.55%
4	M.Tech (MD)	3	0	0%
TOTAL		**29**	**17**	**58.62%**

Table: Number of M.TECH women students in the college, 2016-17

3. **Differently-Abled:**

There is a special reservation for the students who fall into differently -abled category as per the UGC and state government norms. Their requirements and needs are given higher importance with special care and attention by the college authorities. The college provides them with special toilet facilities. The college ensures that all their classes are held in the ground floor only. The college also provides special assistance for using transport facility for these students.

4. **Economically Weaker Sections of the Society:**

The management of the college provides special benefits for the students who belong to economically weaker sections. The benefits include concession in fee, free books, free transport, special rewards, etc., which help them immensely in their career.

5. **Minority:**

The college has given reservations to the students belonging to minority community as per the norms of central government, state government and the affiliating university. The college offers every possible help to the students belonging to this community in every respect like scholarships and concession from the college funds and other resources.

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

The college offers only technical courses for undergraduate and post graduate courses. As per the directives of the university, the admission of the students into the college will start

after the commencement of counseling. The selection process is based purely on the marks obtained in the qualifying examination and percentage of marks in the previous programme of study. The admission procedure strictly adheres to the rules which are laid down by the university and state government.

Various Programmes offered by the Institution:

S. No.	Programme	Department	2016-17 Approved	2015-16 Approved	2014-15 Approved	2013-14 Approved	2012-13 Approved
1	B.Tech	CE	60	60	60	60	60
2	B.Tech	EEE	60	60	60	60	60
3	B.Tech	ME	120	120	120	120	120
4	B.Tech	ECE	120	120	120	120	120
5	B.Tech	CSE	120	120	120	120	120
6	M.Tech (SE)	CE	24	24	24	--	--
7	M.Tech(VLSI)	ECE	24	24	24	24	24
8	M.Tech(CSE)	CSE	24	24	24	24	24
9	M.Tech(MD)	ME	24	24	24	--	--

Table: Details for various programmes offered by the institution during the last four years

New Courses in last 4 years:

- B.Tech: In B.Tech, for last 4 years there has been no change in the offering of courses.
- M.Tech: In M.Tech since the academic year 2014-15 the college has introduced two new courses **Structural Engineering (SE)** and **Machine Design (MD)** with the intake of 24 seats.

Reasons for Increase / Decrease:

- Increased demand for M.Tech holders.
- In this region only a few colleges offer M.Tech Courses
- Our college offers new M.Tech courses which are not offered in other colleges
- Experienced faculty & advanced labs are provided in this college

Actions Initiated for Improvement:

- Motivating the B.Tech holders about the importance of M.Tech education
- Motivating the final year students about the research and advanced courses

2.2 Catering to Student Diversity

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

- The college is fully adhering to State Government policies regarding the needs of differently abled students.

- In classroom first preference is given to them in seating arrangement.

- For those students with visual impairment and walking disability, class work is arranged in the ground floor.

- Visually challenged are provided with scribes during examinations.

- Special care will be taken for physically challenged students by attaching them to the class in-charge (senior faculty) in every department.

- Extra time is allotted for such needy students during laboratory classes.

Figure: Way to Library for physically challenged students

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

Yes. The college assesses the students' needs in the following ways:

- "Parent-Management Interaction Program" is arranged every year for students immediately after admissions and before the commencement of class work to explain the facilities, faculty expertise, rules and regulations, disciplinary code of college and the teaching-learning methodology of the college.

- The students-parents are allowed to clarify their doubts regarding the college functioning.

- Refreshing courses are conducted for lateral entry and newly joined I year students.

- Orientation classes are arranged for tough courses like mathematics and computers related C Programming, Mathematics-1, and Engineering Drawing Practice before the commencement of class work.

Refreshing courses:

Academic Year	To Whom.	Resource Person	Date(s)	Programme Object.
2013-14	First Year	Dr. M Sreenivasa Kumar Principal, SIET	5-9-2013 to 7-9-2013	1.What is Engineering? 2.General Subjects.
	Lateral students	Prof. K S N Rao Director of academics, SIET	15-9-2013 & 16-9-2013	1.Skills of Engineer. 2.Basic Subjects.
2014-15	First Year	Prof. DavasisVaze Prof. G.P. Raja Shekar	5-9-2014 to 7-9-2014	1.What is Engineering? 2.General Subjects.
	Lateral students	Mr. G. Narayana Kings Institute of fire safety	4-8- 2014 & 5-8- 2014	1.Quality of Engineering? 2.Basic Subjects.
2015-16	First Year	Dr. M Sreenivasa Kumar Principal, SIET	3-7-2015 to 11-7-2015	1.What is Engineering? 2.General Subjects.
	Lateral students	Dr. M Sreenivasa Kumar Principal, SIET	5-9-2015 & 6-9-2015	1.Skills of Engineer. 2.Basic Subjects.
2016-17	First Year	Dt. D Ranga Raju Principal, SIET	4-7-2016 to 9-7-2016	1.What is Engineering? 2.General Subjects.
	Lateral students	Dt. D Ranga Raju Principal, SIET	8-8- 2016 & 9-8- 2016	1.Skills of Engineer. 2.Basic Subjects.

Table: Details of refreshing courses/classes

Figure: Orientation Program

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 programme of their choice? (Bridge / Remedial / Add-on / Enrichment Courses, etc.)

The strategies drawn and deployed by the college are
- ELCS (English Language Communication Skills) lab is established to improve their proficiency in English.
- Internet lab is provided for the students interested in competitive exams.
- GATE, GRE/TOEFL awareness programs are conducted.
- Coaching is given on Arithmetic aptitude and reasoning to make the students ready to the written examination before going to interview.

Bridge / Remedial / Add-on / Enrichment Courses:

S.No	Name of programme	Date	Resource Person	To Whome
1	Career guidance	5-9-2013	Dr. M Sreenivasa Kumar Principal	All the students
2	Career guidance	15-9-2013	Dr.KSN Rao Director of academics	All the students
3	Career guidance	4-02-2014	Dr. M Sreenivasa Kumar Principal	All the students
4	Gust lecture	6-03-2014	Prof. G.L. Samuel IIT Madras	All the mechanical students
5	Career guidance	28-3-2014	Mr. Akella Raghavendra Motivational lecturer	All the students
6	Learn English earn money	7-4-2014	Mr. Ram, C.E.O of Animates youps	All the final year students
7	Career guidance	15-09-2014	Prof. DavasisVaze and G.P. Raja Shekar	All the students
8	Career guidance	7-04 -2015	Dr. K.V.S.G. Muralikrishna from JNTUK	All the students
9	Motivational programme	18-08-2015	Mr. Akella Raghavendra Motivational lecturer	All the students

Figure: Communication Skills Program

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

The college sensitizes all the students and staff in different ways as listed below. With the emphasis on ethical and moral principles, the college holds on the tradition of imparting holistic education. Being a co-educational college, its staff and students are sensitized on issues such as gender, inclusion, environment, etc. by conducting seminars on related topics like women empowerment.

1. Common roll registers

    i. Staff Names register
    ii. Student roll registers

iii. Lab and Project batches

2. Technical Events for all students

   i. Tech fest events

   ii. Industrial Visits

   iii. Internship Programmes

   iv. Entrepreneurship Programme

   v. Guest Lectures

3. Cultural Programmes for all students

   i. Sankranthi Sambaralu

   ii. Freshers day celebrations

   iii. Farewell day celebrations

   iv. Flag hoisting on 15th August, 26th January etc.

4. Games and Sports for all students

5. NSS unit for all students

   i. Social service Programmes

   ii. Blood Donation Camps

6. Women Empowerment Cell

7. Other events & Programmes

1. Common Roll Registers

i. Staff Names register

The college maintains only common name registers for all the staff. Branchwise common names register for all the staff including technicians is maintain in the office to be sign every day morning and evening.

ii. Student roll registers

In student roll registers the names are maintained in the alphabetical order and carried by every faculty member individually to his assigned class work every day to take attendance.

iii. Lab and Project batches

The project batches of the students are divided on the basis of their percentage of marks. And lab batches are divided on the basis of roll numbers.

2. Technical Events for all the Students

  i.   Workshops &Tech-fests

  ii.   Industrial Visits

  iii.   Internships

  iv.   Entrepreneurship Programme

  v.   Guest Lectures

  i.   Workshops & Tech-Fests

The college conducts various technical events to improve the communication skills and active participation of the students in various programmes. The college also allows the students and staff to participate in various programmes in other colleges also.

Figure: Fluid Mechanics workshop for staff & Industrial visits

  ii.   Industrial Visits

The college will conduct industrial tours and visits along with their academics to improve technical knowledge and practical experience. These are more useful in their study and placements.

Figure: Industrial visits

iii. Internship Programme

Internship Programme is very useful and necessary in the academic curriculum. These programs are useful in their practical knowledge and placements. The college will give permissions to do internships in various industries.

Figure: Internship Programme

iv. Enterpneurship Programme

To improve business skills and self-employment of the students the college conducts various programmes like Entrepreneurship programmes offered by industrial experts.

Figure: Entrepreneurship Programme

v. Motivation Classes

The college conducts orientation classes, motivation classes, guest lectures, personality development classes etc to sensitize the students and staff.

Figure: Motivation Class

3. Cultural Programmes for all the Students

      i. Sankranthi Sambaralu

     ii. Fresher's day celebrations

   iii.Farewell day celebrations

   iv.Flag hoisting on 15th August, 26th January etc.

The college conducts various cultural events to trace out extracurricular skills from the students. As a result of these events students know the culture of the society and their responsibilities towards it. The college also allows the students and staff to participate in various programmes in other colleges.

Figure: Technical & Cultural Programmes

4. Games and Sports for all the Students

The college conducts games and sports along with the academics. It encourages the students by giving awards, mementos and cash prizes. These games are useful to the students to build physical fitness.

Figure: Winners of Various Games & Sports

5. NSS Unit for all the Students

The NSS unit conducts several awareness programs to villagers around the Institute to educate them on diseases like dengue, malaria, typhoid and other viral fevers; and distributes homeo pills.

NSS unit Cell Members:

S.No	Name	Department	Position
1	Dr. D Ranga Raju	MECH	Principal
2	Mr. M. Venkateswara Rao	S&H	Programming Officer
3	Ms. Ch Yamini Nikitha	CIVIL	Dept. Incharge
4	Ms K Suvarna Kumari	EEE	Dept. Incharge
5	Mr. V Kishore Babu	MECH	Dept. Incharge
6	Mr. K. Rambabu	ECE	Dept. Incharge
7	Mrs Y Yesu Jyothi	CSE	Dept. Incharge
8	Mr E S V Subrahmanyam	S&H	Dept. Incharge
9	Mr. G Ajay Chandrakya	MECH	Student Coordinator
10	Ms K V Vishnavi	ECE	Student Coordinator

Table: List of NSS unit Cell Members

The NSS unit of the college conducts awareness programs to villagers around the town to educate them in different aspects like importance of education to children, women, and weaker sections, environmental and social responsibilities.

The students also involve in social service activities like clean and green program, plantation, health check-up camps and blood donation camps.

i. Social Service Programmes

Figure: Students actively participating in Swachha Bharat & Brahmakumari's (Om Shanti)

ii. Blood Donation Camps

Figure: Students actively participating in Blood Donation

6. Women Empowerment Cell:

The college has a Women Empowerment Cell to uphold the dignity of women in campus and to facilitate a gender sensitive and congenial work environment in college so that women and female students are not subjected to gender-specific discrimination. The composition of the cell comprises one senior lady faculty member as convener and one lady member from each department has here under.

S No	Name	Department	Position
1	Y YesuJyothi	CSE	Convener
2	M S Mallika	ECE	Member
3	N Umadevi	S&H	Member
4	R.Anusha	CSE	Member

Table: List of Women Empowerment Cell Members

The basic functions of Women Empowerment cell are:

- The cell notifies its presence through posters, notices and interactive sessions and also creates awareness among the students and faculty on the repercussions they face, if they resort to harassment of any kind.

- When a complaint is received by the cell, it conducts an enquiry to identify the gravity of the offence.

- Based on the first hand information and prima facie evidence, the committee submits its report to the principal for further action.

- The college is very proud to share till date that no such case has been reported.

- Celebration of women's day every year involving students is also part of women empowerment programmes.

- This cell looks after the welfare of girl students and lady staff members.

Figure: Women's day celebrations

- Women empowerment committee is formed with senior lady faculty members in the college. This committee looks after the welfare of the students and lady staff members

- Girl students are provided with separate waiting halls and lockers.

- Security is provided for the students both in the campus and the hostel to ensure the safety.

- Warden accompanies the security to help the hostel students in case of emergency.

- Grievance cell is formed with senior faculty members from each department, who are responsible to solve the issues of students if any.

To make the staff and students aware about the local and global environmental issues, competitions are held to keep them abreast of knowledge.

7. Other Events and Programmes

Flag Hoisting:

Every year, on 15th August, we conduct flag hosting programme in the college campus. In this event students perform **March Past.**

Figure: Flag Hosting in the college campus

World Plantation Day:

The college celebrates World Plantation Day on 16th July, every year. On that day a guest person gives seminar on environment and social responsibility.

Figure: World Plantation Day

Traffic Awareness Programme:

The college frequently conducts various awareness programmes like Earth Hour, Save Water, and Traffic Awareness etc. On 30-9-2015 our college conducted Traffic Awareness Programme for all the students and staff.

Figure: Traffic Awareness Programme on 30-9-2015

Engineers Day Celebrations of Staff:

Every year on special days staff also celebrate the occasions like Engineers Day, Departmental Day, Teachers Day etc.

Figure: Engineers Day Celebrations of Staff

List of Various Events and Programme:

S.No	Name of the event /programme	Date	Guest to the programme	Participants&
1	Teachers day	5-9-2013	Dr. M Sreenivasa Kumar Principal, SIET	All the students
2	Engineering day	15-9-2013	Dr. KSN Rao, Director of academics	All the students
3	Anti ragging	28-12-2013	Mr. M. Veera Reddy D.S.P. East Godavari	All the second year students
4	Sankranthisambaralu	11-012014	Mr. Ahmud Ali C.I of Mummidivaram	All the students
5	Say no to plastic	12-01-2014	Mr. Ahmud Ali C.I of Mummidivaram	All the students
6	Clean and green	1-02-2014	Dr. M Sreenivasa Kumar Principal, SIET	All the NSS students-cheyyeru
7	Health camp	3-02 -2014	Village president Cheyyeru	All the NSS students-cheyyeru
8	Career guidance	4-02-2014	School head master \ ZPH School, cheyyeru	All the NSS students-cheyyeru
9	Road repair work	5-02-2014	NSS PO SIET	All the NSS students-cheyyeru
10	Gust lecture	6-03-2014	Prof. G.L. Samuel IIT Madras	All the Mechanical students
11	International women's day	8-3-2014	Dr. M Sreenivasa Kumar Principal, SIET	All the women students
12	Water Awareness Day	22-3-2014	Dr. M Sreenivasa Kumar Principal, SIET	All the students
13	Career guidance	28-3-2014	Mr. AkellaRaghavendra Motivational Lecturer	All the final year students
14	Learn English earn money	7-4-2014	Mr. Ram C.E.O of Animates youps	All the final year students
15	Right to vote	16-4-2014	Dr. M Sreenivasa Kumar Principal, SIET	All the students

16	World Environment Day	5-6-2014	Dr. M Sreenivasa Kumar Principal, SIET	All the students
17	Right to Information	26-6-2014	Dr. M Sreenivasa Kumar Principal, SIET	All the students
18	Blood donation camp	26-07-2014	Sri D.Buchi Babu, MLA, Mummidivaram	All the students
19	Programme on fire safty	4-08- 2014	Mr. G. Narayana kings institute of fire safty	All the students
20	Engineers' day	15-09-2014	Prof. DavasisVaze Prof. G.P. Raja Shekar	All the students
21	NSS day	24-09-2014	Dr. M Sreenivasa Kumar Principal, SIET	All the NSS students
22	SankranthiSambaralu	11-01-2015	Sri D.Buchi Babu, MLA, Mummidivaram	All the studentws
23	26th Road Safty programme	22-01-2015	Mr. L. Ankayya D.S.P. East Godavari	All the students
24	World water day	22-03-2015	Dr. M Sreenivasa Kumar Principal, SIET	All the NSS students
25	Carrier guidance	7-04 -2015	Prof.KVSG.Muralikrishna JNTUK	All first year students
26	Anti Ragging programme	12-08-2015	Mr. L. Ankayya D.S.P. East Godavari	All the students
27	Independence day	15-08-2015	Sri. DVNS Varma Correspondent	All the students
28	Motivational programme	18-08-2015	Mr. AkellaRaghavendra Motivational Lecturer	All the students
29	Yoga programme	26-08-2015	Sri. Krupal Sindhubai Brahma kumaries	All the Interested NSS and other student
30	Teachers day	5-09-2015	Dr. R Ranga Raju Principal, SIET	All the students
31	Engineers' day	15-09-2015	Dr. R Ranga Raju Principal, SIET	All the students
32	Swach Bharath	24-09-2015	Dr. R Ranga Raju Principal, SIET	All the first year students

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

The college provides various facilities to advanced learners, research holders and all the students. The list of various facilities is listed below.

- E-books
- National & International journals
- International standard books
- Digital library
- CRT Classes
- Special classes

- Seminars
- Orientation classes

List of Programmes for Advanced Learners:

S.No	PROGRAMME	LEVEL	DATE
1	Techfest 2014	National	14-3-2014
2	Fluid Mechanics workshop	National	21-5-2014 to 30-5-2014
3	Signals Analysis workshop	National	1-12-2014 to 10-12-2014
5	NCCTET 2014	National	3-10-2014
4	Tech Fest 2015	National	18-3-2015
6	Freshers Fest 2015	National	16-5-2015
7	Tech Fest 2016	National	18&19-03-2016
8	Tech Fest 2017	National	07 & 08-02-2017

Table: List of Programmes for Advanced Learners

Mechanism of Institute for Advanced Learners:

- There is a continuous streamlined mechanism for monitoring and evaluation of students which helps to identify advanced learners.

- Advanced learners are identified based on their performance in internal examinations, class tests, and regular attendance to the classes.

- Advanced learners are continuously encouraged for their better career growth and are encouraged to participate in classroom seminars, group discussions, technical quizzes etc for deploying analytical, problem solving and presentation skills.

- CRT program by specialists are arranged for personality development.

- Training programme for placement orientation, personality development, GATE, GRE, TOEFL etc. are arranged to enhance their aptitude, reasoning and soft skills.

- Students are motivated to access latest journals and reference materials.

- Guest lectures are arranged to motivate them in different aspects to improve their career planning, how to face interviews, management skills, personality development etc.

- Mock interviews are conducted to improve their performance in the placement interviews.

- Students are encouraged to participate in national level paper presentations, contests, seminars and project exhibition competitions.

2.2.6. How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc)?

The college collects the data of dropout students, physically challenged, slow learners, and economically weaker students during every academic year. It is done based on the attendance and performance in examinations. A proper analysis is done to provide remedial measures.

In this process the following steps are taken.

- The academic record of disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc are maintained by the departments.
- Based on marks obtained in their class test and mid examinations, slow learners are identified.
- Remedial/tutorial classes are conducted for such students to clarify their doubts.
- One faculty member is assigned as an adviser for every 20 students and they keep on monitoring those students in all aspects.
- Poor performance, frequent absenteeism, is dealt with by informing their parents on phone or by sending registered letters or by meeting them once in a semester to counsel them.

Readmitted of Dropout Students:

S.NO.	BRANCH	Batch Wise Readmitted Students				
		2012-16	2013-17	2014-18	2015-19	2016-20
1	CIVIL	3	0	0	0	1
2	EEE	1	2	0	0	0
3	MECH	2	0	1	0	1
4	ECE	1	0	1	0	0
5	CSE	3	0	0	0	0

Table: List of readmitted of dropout students

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.)

- The academic activities of the institution are based on the academic calendar of the affiliated university, JNTUK. In the beginning of the academic year/semester, college prepares its own academic plan proposing the activities and the probable dates of various activities on par with the university academic plan.
- It provides plan for the academic year to students, teachers and parents. Within the framework, the institute has to provide the exposure to the subjects as given by the syllabus prepared by the affiliated university.

- Each department functions according to the teaching plan prepared at the department level. The faculty members follow a course plan containing the details regarding institutional objectives to be achieved, course objectives, details of contents to be covered, the kinds of aids and the logistics to be used inside the classroom etc.

- The teaching plan is prepared by the faculty of the concerned subject and the same is submitted to the HOD and the Principal. Theory and practical examination patterns and scheme of evaluation are explained to the students in the beginning of the academic year as given in academic regulations of JNTUK.

- Students are also evaluated through tests, tutorials and discussions in classroom as well as in laboratories during practical hours, seminars and group discussions. The evaluation of the tests, tutorials and home assignments form the basis of judging the performance of the students throughout the year. The final evaluation of the student is done according to the JNTUK regulations.

- Towards the end of each session / semester, theory and practical examinations are conducted by the university and evaluation is carried out. The exam results are declared and score cards are issued by the affiliating university.

Grams: "TECHNOLOGY"   Phone: 0884-2300991
Email:dapjntuk@gmail.com   Mobile: +91 9618522555

Directorate of Academics & Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA

Lr. No. JNTUK/DAP/Aca.Cal/B.Tech/I Year/2016-17   Date. 12-05-2016

Prof. 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 CALENDAR FOR B.TECH 2016 BATCH

Description	From	To	Weeks
B.TECH I YEAR I Semester			
Commencement of Class Work	27-06-2016	02-07-2016	Orientation
I Unit of Instructions	04-07-2016	27-08-2016	8W
I Mid Examinations	29-08-2016	03-09-2016	1W
II Unit of Instruction	05-09-2016	29-10-2016	8W
II Mid Examinations	31-10-2016	05-11-2016	1W
Preparation & Practicals	07-11-2016	12-11-2016	1W
End Examinations	14-11-2016	26-11-2016	2W
Commencement of Class Work	12-12-2016		
B.TECH I YEAR II Semester			
Commencement of Class Work	12-12-2016		
I Unit of Instructions	12-12-2016	04-02-2017	8W
I Mid Examinations	06-02-2017	11-02-2017	1W
II Unit of Instruction	13-02-2017	08-04-2017	8W
II Mid Examinations	10-04-2017	15-04-2017	1W
Preparation & Practicals	17-04-2017	22-04-2017	1W
End Examinations	24-04-2017	06-05-2017	2W
Commence of Class work	12-06-2017		

Director Academics and Planning
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.

S.NO	WEEK	No of Working Days	I Year – I SEM	II Year – I SEM	III Year – I SEM	IV Year – I SEM	M.Tech I YEAR – II SEM	M.Tech – II YEAR
					SRINIVASA			
				INSTITUTE OF ENGINEERING AND TECHNOLOGY				
				ACADEMIC CALENDAR FOR B.TECH I, II & III YEARS - I SEM AND M.Tech				
1	13-06-16 to 18-06-16	6		COMMENCEMENT OF CLASS WORK	COMMENCEMENT OF CLASS WORK			
2	20-06-16 to 25-06-16	6						
3	27-06-16 to 02-07-16	6	COMMENCEMENT OF CLASS WORK			COMMENCEMENT OF CLASS WORK	**M.Tech-II MID**	
4	04-07-16 to 09-07-16	5					PREPARATION & PRACTICALS	
5	11-07-16 to 16-07-16	6					**END EXAMS**	
6	18-07-16 to 23-07-16	6					**END EXAMS**	
7	25-07-16 to 30-07-16	6					II YEAR COMMENCEMENT OF PROJECT WORK	**Project work**
8	01-08-16 to 06-08-16	6		REVISION OF 1,2,3 UNITS	REVISION OF 1,2,3 UNITS			
9	08-08-16 to 13-08-16	6		**I MID- EXAM**	**I MID- EXAM**			
10	15-08-16 to 20-08-16	5				REVISION OF 1,2,3 UNITS		
11	22-08-16 to 27-08-16	5	REVISION OF 1,2,3 UNITS			**I MID- EXAM**		
12	29-08-16 to 03-09-16	6	**I MID- EXAM**					
13	05-09-16 to 10-09-16	5						
14	12-09-16 to 17-09-16	5	**ENGINEERS' DAY**					
15	19-09-16 to 24-09-16	6						
16	26-09-16 to 01-10-16	6						
17	03-10-16 to 08-10-16	6		REVISION of 4, 5,6 Units	REVISION of 4, 5,6 Units			

18	10-10-16 to 15-10-16	4		**II MID-EXAMS**	**II MID- EXAMS**			
19	17-10-16 to 22-10-16	6		PREPARATION & PRACTICALS	PREPARATION & PRACTICALS	REVISION of 4, 5,6 Units		
20	24-10-16 to 29-10-16	6	REVISION of 4, 5,6 Units	**END EXAMS**	**END EXAMS**	**II MID- EXAMS**		
21	31-10-16 to 05-11-16	6	**II MID-EXAMS**	**END EXAMS**	**END EXAMS**	PREPARATION & PRACTICALS		
22	07-11-16 to 12-11-16	6	PREPARATION & PRACTICALS			**END EXAMS**		
23	14-11-16 to 19-11-16	6	**END EXAMS**			**END EXAMS**		
24	21-11-16 to 26-11-16	6	**END EXAMS**	**II Year – II SEM COMMENCEMENT OF CLASS WORK**	**III Year – II SEM COMMENCEMENT OF CLASS WORK**			
25	28-11-16 to 03-12-16	6						
26	05-12-16 to 10-12-16	6				**IV Year – II SEM COMMENCEMENT OF CLASS WORK**		
27	12-12-16 to 17-12-16	5	**I Year – II SEM COMMENCEMENT OF CLASS WORK**					
28	19-12-16 to 24-12-16	6						
29	26-12-16 to 31-12-16	6						

<table>
<tr><td colspan="9" align="center">SRINIVASA
INSTITUTE OF ENGINEERING AND TECHNOLOGY
ACADEMIC CALENDAR FOR B.TECH I, II & III YEARS - II SEM AND M.Tech</td></tr>
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<th>WEEK</th>
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<td>6</td><td>26-12-16 to 31-12-16</td><td>6</td><td></td><td></td><td></td><td></td><td>END EXAMS</td>
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<td>7</td><td>02-01-17 to 07-01-17</td><td>6</td><td></td><td></td><td></td><td></td><td>END EXAMS</td>
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<td>8</td><td>09-01-17 to 14-01-17</td><td>6</td><td colspan="4" align="center">SANKRANTHI SAMBARALU</td><td>I Year – II SEM COMMENCEMENT OF CLASS WORK</td><td></td>
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<td>9</td><td>16-01-17 to 21-01-17</td><td>6</td><td></td><td>I MID- EXAM</td><td>I MID- EXAM</td><td></td><td></td><td></td>
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<td>10</td><td>23-01-17 to 28-01-17</td><td>6</td><td></td><td></td><td></td><td>REVISION OF 1,2,3 UNITS</td><td></td><td></td>
</tr>
<tr>
<td>11</td><td>30-01-17 to 04-02-17</td><td>6</td><td>REVISION OF 1,2,3 UNITS</td><td></td><td></td><td>I MID- EXAM</td><td></td><td></td>
</tr>
<tr>
<td>12</td><td>06-02-17 to 11-02-17</td><td>6</td><td>I MID- EXAM</td><td colspan="3" align="center">TECH FEST</td><td></td><td></td>
</tr>
<tr>
<td>13</td><td>13-02-17 to 18-02-17</td><td>6</td><td colspan="4" align="center">ANNUAL DAY</td><td></td><td></td>
</tr>
<tr>
<td>14</td><td>20-02-17 to 25-02-17</td><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td>
</tr>
<tr>
<td>15</td><td>27-02-17 to 04-03-17</td><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td>
</tr>
<tr>
<td>16</td><td>06-03-17 to 11-03-17</td><td>6</td><td></td><td></td><td></td><td></td><td>I MID-EXAM</td><td></td>
</tr>
<tr>
<td>17</td><td>13-03-17 to 18-03-17</td><td>6</td><td></td><td>REVISION of 4, 5,6 Units</td><td>REVISION of 4, 5,6 Units</td><td></td><td></td><td></td>
</tr>
<tr>
<td>18</td><td>20-03-17 to 25-03-17</td><td>6</td><td></td><td>II MID-EXAMS</td><td>II MID- EXAMS</td><td></td><td></td><td></td>
</tr>
<tr>
<td>19</td><td>27-03-17 to 01-04-17</td><td>6</td><td></td><td>PREPARATION & PRACTICALS</td><td>PREPARATION & PRACTICALS</td><td>REVISION of 4, 5,6 Units</td><td></td><td></td>
</tr>
<tr>
<td>20</td><td>03-04-17 to 08-04-17</td><td>6</td><td>REVISION of 4, 5,6 Units</td><td>END EXAMS</td><td>END EXAMS</td><td>II MID- EXAMS</td><td></td><td></td>
</tr>
<tr>
<td>21</td><td>10-04-17 to 15-04-17</td><td>6</td><td>II MID- EXAMS</td><td>END EXAMS</td><td>END EXAMS</td><td>PREPARATION & PRACTICALS</td><td></td><td></td>
</tr>
<tr>
<td>22</td><td>17-04-17 to 22-04-17</td><td>6</td><td>PREPARATION & PRACTICALS</td><td></td><td></td><td>END EXAMS</td><td></td><td></td>
</tr>
<tr>
<td>23</td><td>24-04-17 to 29-04-17</td><td>6</td><td>END EXAMS</td><td></td><td></td><td>END EXAMS</td><td></td><td></td>
</tr>
<tr>
<td>24</td><td>01-05-17 to 06-05-17</td><td>6</td><td>END EXAMS</td><td></td><td></td><td></td><td></td><td></td>
</tr>
<tr>
<td>25</td><td>08-05-17 to 13-05-17</td><td>6</td><td></td><td></td><td></td><td></td><td>II MID-EXAMS</td><td></td>
</tr>
<tr>
<td>26</td><td>15-05-17 to 20-05-17</td><td>6</td><td></td><td></td><td></td><td></td><td>PREPARATION & PRACTICALS</td><td></td>
</tr>
<tr>
<td>27</td><td>22-05-17 to 27-05-17</td><td>6</td><td></td><td></td><td></td><td></td><td>END EXAMS</td><td></td>
</tr>
<tr>
<td>28</td><td>29-05-17 to 3-06-17</td><td>6</td><td></td><td></td><td></td><td></td><td>END EXAMS</td><td></td>
</tr>
</table>

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

IQAC provides the development and application of quality benchmarks / parameters for the various academic and administrative activities of the institution. It also imparts knowledge through team work and persistent efforts. Receiving and giving timely feedback keeping in view the vision and mission and participant philosophy enables knowledge disbursal through team work and relentless efforts. This promotes the research and consultancy, develops state-of-the- art infrastructure, and ensures timely, efficient and progressive performance of academic, administrative and financial tasks. IQAC works as a great guideline agency in SIET. It continuously monitors promotion, implementation and continuous improvement of innovations in curriculum, co-curricular and extra-curricular activities of the institution. Through its mechanism of data information collection and analysis, it suggests required changes in teaching and learning methods. The following improvements have been brought as per the guidelines.

- Experimental learning
- Computer assisted learning for students and staff
- Training programs through seminars and one-to-one interaction session
- Use of teaching models and charts.
- Guest lectures by industrial professionals.

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

- The college always supports teachers to develop skills like interactive teaching, collaborative learning and independent learning among the students.
- The institute provides a well-equipped library with huge number of volumes in its stocks, a digital library where students can access standard journals, NPTEL video lectures and teachers also can access the resources through Wi-Fi network.
- Teachers and students are also encouraged to use internet & computer facilities to keep themselves abreast with the latest developments.
- Apart from these, all departments conduct a number of activities like seminars, debates and elocution on current issues, group discussions, and quizzes. Such activities develop stage courage, skills of expression, thinking power among the students.
- Student's enthusiasm, involvement and willingness to participate make learning mode more student-centric. Several student-centric participatory learning methods are

practiced by the institution. The institution also conducts a tech-fest every year to facilitate and encourage students to participate in various academic and curricular activities.

Sample Timetable

Year/Sem : II B.Tech - Odd   Section : Mech-A

| DAY TIME	9:50-10:40	10:40-11:30	11.30 - 11.40	11.40-12:30	12:30-01:20	01:20-2:10	2:10-3:00	3:00-3:50	3:50-4:4
MON	MEFA	MMS		MOS	TD/EEE		BEE/MOS/MMS LAB		
TUE	TD	MOS/MMS		EEE	TD		CAEDP		
WED	MMS	BEE/MOS/MMS LAB				L U N C H	EEE	MOS	EEE
THU	EEE/TD	TD		MEFA	LIB		MMS	MOS	INT
FRI	MMS	COUNSELLING		MOS	CAEDP		MEFA	SEMINAR	DEPT. ASSOC
SAT	MEFA	MMS/MOS		EEE	TD		TD	MOS	SPORTS

- The hours provided for conseling, seminar, internet, department association makes our college student-centric and stimulates the interest present in them to reach their goals in technical education.

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

All the departments have professional society associations under which several programs are conducted to nurture creativity and scientific temper among the students. The programs organized by the associations include:

- Guest lectures in latest topics

- Expert lectures in emerging technologies

- Student Seminars

- Workshops to enhance technical skills of the students

- The students are encouraged to design their own applications using the available equipment in the laboratory. The faculty members motivate the students to participate in model making, paper presentations, software contests and various co-curricular activities in various events organized in and outside the college.

- The scientific temper among students is enhanced by providing additional laboratory hours and research activities. Students are encouraged to participate in project competitions and workshops with hands-on experience. In this regard, we reached up to some level. We fruitfully developed some projects. Some are as given below:

- The following project got selected in prelims of tech-fest conducted by IIT, Gowhathi.
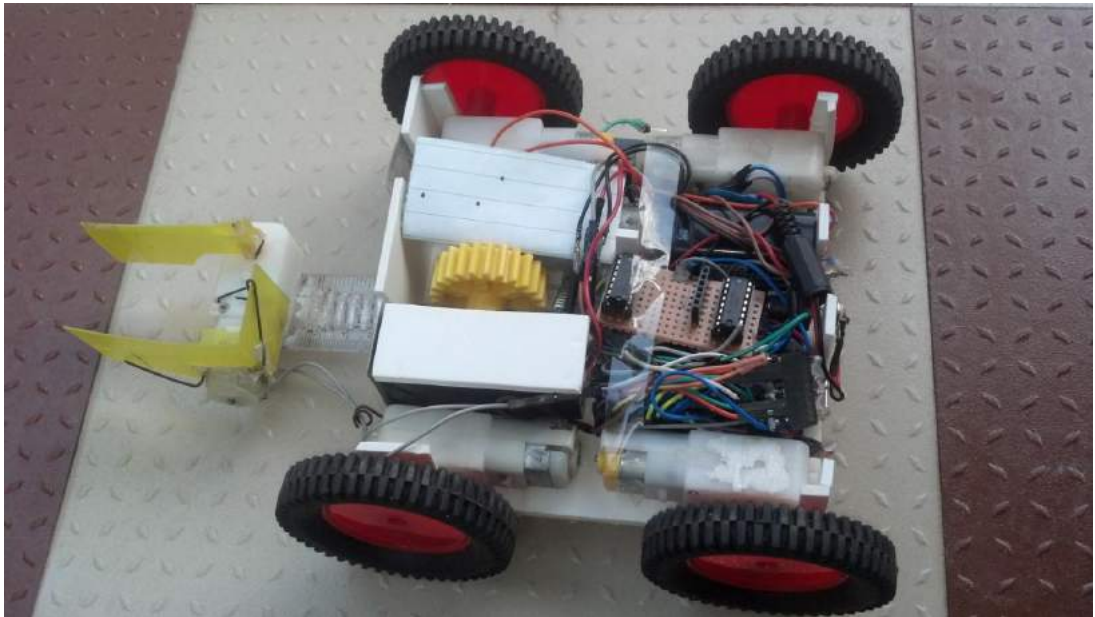
Figure: Project on Wireless Controlled Robot

Wireless control is one of the most important basic needs for all living beings. Many of the wireless-controlled robots use RF modules. But this project makes use of Android mobile phone for robotic control which is very cheap and easily available. The control commands available are more than RF modules. For this, the android mobile user has to install an application on her/his mobile. Then user needs to turn on the Bluetooth in the mobile. The wireless communication techniques used to control the robot is bluetooth technology. User can use various commands like move forward, reverse, move left, move right using these commands which are sent from the Android mobile. Robot has a bluetooth receiver unit which receives the commands and gives it to the microcontroller circuit to control the motors. The microcontroller then transmits the signal to the motor driver ICs to operate the motors. The objective of the paper is to realize the smart living, more specifically the home lighting control system using Bluetooth Technology. It is concluded that smart living will gradually turn into a reality that consumer can control their home remotely and wirelessly.

List of students Projects

S.No	Project Title	Photo	Batch Members	Guide Name
01	"Automatic Solar Tracking Based Water Pumps With Worm Gear Mechanism"		Tarun Lumar	P.Keerthi
02	Effect of size of aggregates on compressive strength of concrete and study on strength characteristics by utilization of waste materials as coarse aggregate in concrete		D V Pavan Kumar J J K U Murthy K Hema K Surya Prakash M Chandra Rekha	Mr. P Venkata Mutyalu
03	Stabilization of weak soil using sugarcane straw ash and polypropylene fibers as reinforcement		S Adithya Vivek MSN Raju P V Sandeep Y Deanrichards	Mr. G S V Brahmaji Rao

04	Soil stabilization using waste fiber materials		G Chandu Harsha K Maleswara Rao T Ashok T H N Mani Konda	Mr. M Venkata Vamsi
05	Resistant of partial replacement of coarse aggregate with ceramic roof tiles in concrete mix		D Ravi Kiran Varma P Rajya Laxmi M Pradeep Kumar	Ms. G Purnamma
06	An Experimental study on the expansive soil treated with electrolytes		P Avinash P Subba Rao A Anvesh B Durga	Mr. G Chaitanya
07	Experimental study on concrete with rice husk ash as a partial replacement of cement		V Ramakoti K Poseswara Rao P Parameswar Ch V V B Swami	Mr. B Siva Narayana

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

- Advanced teaching-aids such as LCD projectors are available in each Department. .

- Some of the open educational resources available in our campus are

Table: Open Educational Resources

S.No.	Resource
1	Activities and Labs
2	Lecture Notes
3	Video lectures
4	Case Study
5	Homework and Assignments
6	Images and Illustrations
7	Instructional Material

E -learning Resources:

- Modern Teaching-aids like OHP, Multimedia, Projectors, and Internet-enabled computer systems are used for classroom instruction as well as other student learning experiences.

- The students are also encouraged to use computer software packages for their projects.

NPTEL: Institution have procured Local Guru Content Management System and Video Streaming Software for NPTEL Resources via LAN throughout the campus

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

- Faculty members deliver courses which cover not only the syllabus but also how it is applicable in the present scenario.

- The staff and students are encouraged to contribute in international and national conferences, symposiums, seminars and workshops and to interact with experts in their field and help them to update with recent international developments.

- College conducts guest lectures and seminars by experts on various issues in which staff members and students are encouraged to participate and harvest benefits.

- Educational tours are also conducted for students.

Reference books are updated very frequently in both Central and Departmental library.

- The staff and students have right to access the online journals.

- Students can participate in various activities like:
  - Technical Quiz
  - Paper presentations
  - Debate

- Mini- projects

- Technical visits

- National level technical symposiums

- National and international conferences.

- Research journal publications.

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

- Students are counseled periodically, fortnightly / monthly, in order to discuss their academic performance, financial problems, hostel problems, travelling problems and other personal problems. If required, parents are invited for counseling along with the students. Students' progress report cards are maintained by the respective advisor-in-charge. Parents / guardians are informed about the performance of the students through phone calls once in a month.

- A class has a male and a female representative to represent the whole class.

- Faculty advisor system is implemented. A batch of 20 students is assigned to a teaching faculty. She/he acts as a custodian for a group of students.

- An advisor-in-charge is answerable for the holistic growth and welfare of the 20 students. If any one student in a batch of 20 students is absent to the college without prior permission, the advisor-in-charge concerned will make a call to his/her parents on that particular day itself.

- A senior faculty member is assigned as a class-in-charge to take care of the entire class and to monitor whole class work and act as a chief counselor who provides orientation and guidance to the coordinators at departmental level and also listens to students' grievance and provides guidance.

- Students are counseled before attending the university examinations in order to reduce their examination tension and to get good result.

- Special talents can be identified and encouraged while they have been counseled.

- Women empowerment team is there to support and pay attention to female students' grievances and provides guidance.

- The students who are in NSS/Sports will get benefitted a lot by fast track methods even if they miss the lessons in the class, when they attend the above programs.

- The college has a Career Guidance, Training and Placement Cell which facilitates student counseling and guidance in addition to training.

- Continuous evaluation provides opportunity to counseling the students with feedback to enhance their academic performance and behavior.

Figure : Sample counselling Report

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

- Every faculty member shall submit course file along with PPT for at least 4 units with connectivity to real world scenario to their HOD, it should be kept in department library for quick reference, and it helps the faculty member to deliver the interactive teaching.

- College has well-equipped multimedia teaching tools and well-equipped laboratories.

- Each department has a department library for quick reference.

- Seminar hall with LCD projector is available to provide efficient teaching.

- Wi-Fi enabled campus.

- 12-hours library resources are available in order to help the students and faculty staying at hostel.

- Every faculty member is encouraged to participate in workshops ,seminars,conferences at reputed institutions to gain application knowledge with special permission as On-Duty and provided with financial support.
- College organizes symposiums and workshops and makes faculty members actively participate and co-ordinate students.
- Faculty members who wish to pursue Masters or PhD programmes are allowed to do so with special permission and support.

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

- The institution has central library which is a treasure house for education and research. The Library is well equipped with books, journals, magazines, back volumes, CDs, and theses including e-books, J-Gate and DELNET, e-journals and NPTEL Video courses. There are 24,017 volumes of text books and reference books, 2,809 titles, 68 journals and 14 magazines .Library owns DELNET Membership.
- Besides this, the college has digital library with 18 systems with internet connection. Both the students and faculty will access the facility.
- In addition, the library is kept open from 08.00 a.m. to 08.00 p.m. Staff and students use the library for projects, assignments, reference books, and research.

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

This type of situation occurs rarely that a faculty member has not been able to complete the curriculum within the stipulated timeframe. The teachers manage to successfully shoulder their responsibilities. Sometimes because of natural calamities and local holidays, institution faces challenges in completing the curriculum but the college tries to overcome these challenges through extra classes. The HOD keeps a check on the syllabus covered.

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

Every teacher is required to submit hand written course files. Here, we can check the quality of the content from the faculty's part of this and the faculty is asked to submit the assignments which can be useful to students to explore their knowledge thoroughly. HOD of each Department submits the student feedback summary to the Principal twice in a Semester. The Institution, through inhouse examinations, feedback from students and teachers, evaluates the quality of teaching learning.

SRINIVASA INSTITUTE OF ENGINEERING & TECHNOLOGY
FEEDBACK FORM

Academic Year :		Branch:		Year-Sem:	
S.No	Feed Back	Subject/ Faculty Name			
1	Is the content of the lecture understandable ?				
2	Does the teacher complete the syllabus in time ?				
3	Is the teacher's voice audible and clear ?				
4	Does the teacher provide notes ?				
5	Is the chalk-board writing clear ?				
6	Does the teacher stimulate you to think about the subject ?				
7	Does the teacher spend sufficient time on clarifying your doubts in the subject ?				
8	How well the teacher focuses on teaching the subject during his lecture time ?				
9	Do you sense any favourtism/attitude shown towards some of the students in the class room ?				
10	Do you want to take another course from the same teacher ?				

NOTE:- Suggestions if any for overall improvement of the teaching and other facilities of the college

A) Excellent (10)   B) Very Good (8)   C) Good (6)   D) Satisfactory (5)

2.4 Teaching Quality

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

Highest Qualification	Professor		Associate Professor		Assistant professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt.							
Ph.D.	8						8
M.Phil.			3		2	1	6
PG	2		12	3	84	18	119
B.Tech.					9	6	15
Temporary Teachers	NIL						
Ph.D.							
M.Phil.							
PG							
Part time Teachers	NIL						
Ph.D.							
M.Phil.							
PG							

- **Recruitment of faculty:**

The college advertises the vacant positions of the faculty in the state level newspapers and conducts interviews by inviting the subject experts and senior faculty. Following is the procedure for recruitment of faculty

- Scrutiny of applications in terms of verifying qualifications, experience and certificates

- Interview calls through email and phone call

- Selection committee which includes not only in-house experts but also external subject experts along with management

- Issue of appointment letters

Figure: Paper Advertisement (2016)

Retention of faculty:

- Provision for sanction of study leave for maximum of two years for pursing M.Tech course in reputed universities /institutions and for pursuing PhD programmes for the faculty with two years of service in the college

- Increments are given to the faculty members every year based on the performance, feedback reports, result analysis, contribution to department/college development activities.

- Staff members are selected for the best faculty award of the year based on their academic performance .The guidelines for awarding best teacher from each department are given below

    - Academic performance 35%

    - Students feedback 15%

    - Code of conduct 15%

    - Contribution towards the growth of college 25%

- Personal achievements 10%

- Medical leave facility is provided for all the staff members of the college as per the college rules

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

- Our institution required an expert who can motivate and educate the faculty towards the development of our institution in achieving its goals. The institute was in search of such person who is that capable. Then, we are fortunate enough to have our principal, Dr.D.Ranga Raju. Thus, the requirement of the institution had been fulfilled.

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

a) Nomination of faculty to staff development programmes during the last four years

Table: Faculty Development Programme

S. No	Name of the faculty	Faculty development programme	Venue	Dept.	Year
1	P.V.D.Vivek Kumar	Basics of Finite Element Analysis-I	NPTEL ONLINE COURSE,IIT,Madras	Mechanical Engg.	Nov,2016
2	Ch.Someswara Rao	Advanced topics in Vibrations	SIET	Mechanical Engg.	Oct 2016
3	B.S.S.Krishna	Advanced topics in Vibrations	SIET	Mechanical Engg.	Oct 2016
4	V.Kiran	Advanced topics in Vibrations	SIET	Mechanical Engg.	Oct 2016
5	V.Nagababu	Advanced Machining Process	SIET	Mechanical Engg.	Oct 2015
6	Y.N.D.Prasad	Advanced Machining Process	SIET	Mechanical Engg.	Oct 2015
7	Y.Gopala Rao	Advanced Machining Process	SIET	Mechanical Engg.	Oct 2015
8	V.Kishore Babu	Advanced Machining Process	SIET	Mechanical Engg.	Oct 2015
9	K.Balaji	Nano technology	SIET	Mechanical Engg.	2014
10	G.Nagarjuna	Nano technology	SIET	Mechanical Engg.	2014
11	V.Nagababu	Nano technology	SIET	Mechanical Engg.	2014
12	Y.N.D.Prasad	Nano technology	SIET	Mechanical Engg.	2014
13	K.Tejaswi	Nano technology	SIET	Mechanical Engg.	2014
14	T.sivaPrasad	Advanced techniques in manufacturing	SIET	Mechanical Engg.	2014
15	J.L.Pratyusha	Advanced techniques in manufacturing	SIET	Mechanical	2014

b)   Faculty training programmes organized by the institution during the last four years

SL.No	Academicians and Scientists	Date	Purpose of visit
1	Dr.G.L.Samual	June 2014	Guest lecture on recent trends of M.T.
2	Dr.Gopala Krishna	Sep 2014	Guest lecture on Research & Development
3	Mr D.ChandraSekhar Varma,	July 2014	Entrepreneurship Awareness program
4	Dr.D.Ranga Raju	August 2015	Guest lecture on Rapid Prototyping
5	Mr. V.Manikanth	Sept 2015	Guest lecture on Thermal Engineering
6	Mr.S.MadhavaRao	Sept 2015	Guest lecture on Thermodynamics
7	Mr.J.Rajasekhar	February 2016	Advanced Machining Process, Advanced topics in Vibrations

Table: Faculty Training Programmes

c)   Participation of faculty as resource person /participation in paper presentation in various workshops/conference/seminars during the last four years (2011-2015)

S.No	Name of the faculty	Workshop/seminars / conference	Conducted organization	Dept.	Year
1	K.Balaji	Fluid mechanics	IIT Khargapur	Mechanical	2014
2	G.Ravikumar	Air Engine	NIT Tirichy	Mechanical	2013
3	M.Veeraraju	GT	RIT	Mechanical	2013
4	J.Rajasekhar	ISTE	GVIT	Mechanical	2013

Table: Faculty Seminars/Workshops/Conference

2.4.4.   What policies /systems are in place to recharge teachers? (E.g.: providing research grants, study leave, support for research institution and specialized programmes industrial engagement etc.)

The management has a positive attitude towards professional development of the faculty in acquiring the knowledge of recent development and engaging them in the research activities:

- Considering situation where departments need PhDs, ME/M.Tech. for faculty positions, BE/B.Tech. students are sponsored for higher degree programmes
- The Institution encourages the faculty members to attend the conferences, seminars, workshops and training programmes organized by the universities and other organizations

- The college provides on-duty leave to faculty members for participating and presenting papers at national and international seminars ,workshops, conferences
- The college management has provided study leave for the staff members for undergoing higher studies.

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

The management of our college always encourages and motivates every faculty member to demonstrate excellence in their subjects and areas of work by declaring the best teacher awards to those who have rendered selfless and whole-hearted services for the development of our college.

S.No	Name of the Faculty	Name of the Event	Award /Recognitions	Year
1	S.P.Varma	Engineers day	Best Teacher	2011
2	G.Ravikumar	Teachers day	Best Teacher	2012
3	K.Balaji	August 15	Best Teacher	2013
4	Dr.M.Sreenivasakumar	JNTUK formation day	Best Teacher	2014
5	M.Veeraraju	Engineers day	Best Teacher	2015
6	Y.Anasuya	August 15	Best Teacher	2015
7	P.Srinivas	Annual Day	Best Teacher	2016

Table: The list of the awardees

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

- Yes. Evaluation of teachers' performance for improving quality of teaching is done by the feedback committee. In every semester, the evaluation of faculty by students is done through feedback forms. This feedback is analyzed by respective committee members and advice on enriching and/or taking remedial steps leading to improvement in the quality of teaching learning process is given**.** A template of the Student Feedback form is given in 2.3.11.

- Performance and self-appraisal forms are taken from the faculty at the end of every academic year and their performance is evaluated. Based on evaluation report faculty members are counseled.

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?

- Evaluation process is available in the curriculum book.

- Curriculum books and Academic calendar are provided to the students which are published by the university.

- The evaluation process is also posted in our college website

- The stakeholders of the institution like faculty members, students, and parents are informed about evaluation process by giving general instructions mentioned in the prospectus of the institution.

- The periodic instructions issued by the affiliated university are promptly communicated to the student using notice boards and circulars.

- Students are informed about eligibility criteria for appearing in the final exam and regulations regarding the internal examinations at the very beginning of their chosen programme. Students are clearly made aware of the eligibility conditions required to appear in the final exams.

- The faculty members read the instructions even in the classrooms and copy of the same is also displayed on the student notice-boards.

- Sample exam timetable is given below:

Figure: Exam Timetable

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

The following are the major evaluation reforms of the university that the institution has adopted:

For the students admitted in 2016

- In the end semester examination the question paper is divided in to 2 parts, Part A and Part B. Part A consists of seven compulsory questions for 14 marks. Part B consists of six questions carrying 14 marks each and out of which five question are to be answered (R16 Regulation).
- Internal marks are awarded to the students as per the university criteria.
- On-line objective type examinations are conducted.
- Assignments are considered while awarding the internal marks for theory subjects (R16 Regulation).

For the students admitted in 2013, 2014 and 2015

- In the end semester examination the question paper is divided in to 2 parts, Part A and Part B. Part A consists of compulsory questions (Brain storming/Thought provoking) for 22 marks. Part B consists of choice wise questions for 48 marks (R13 Regulation).
- Internal marks are awarded to the students as per the university criteria.
- On-line objective type examinations are conducted.
- Tutorials and assignments are considered while awarding the internal marks for theory subjects (R13 Regulation).

For students admitted before 2013

The college is affiliated to JNTUK University, Kakinada, Andhra Pradesh. The university has introduced various evaluation reforms viz.

- Introduction of internal assessment.
- Introduction of on-line evaluation.

Introduction of four sets of question papers for final exams at the end of each semester.

The following are the reforms initiated by the institution on its own

- The college conducts slip tests at department level after completion of every unit in addition to the regular mid-semester examinations. This will help the students to have continuous preparation and to be ready for the regular examinations.
- Student centric learning through assignments, projects, seminars and practical sessions.

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

- The evaluation reforms of the university are followed in the best of the spirit. The evaluation is all fair.

- The students are satisfied with the process as there are shown their evaluated performance in the answered sheets. Any doubt about evaluation is made clear to the students in the classroom after evaluation.

- All the record which includes answer sheets, award lists, attendance sheets is maintained in the examination cell. Slip tests are taken and record is kept.

- Whenever slip tests are conducted, the results of the student's performance are shown to the students to encourage them or to counsel them for better future performance.

- The institution has followed the examination system as prescribed by the JNTUK, Kakinada, Andhra Pradesh.

- Students can apply for recounting, revaluation and challenging revaluation procedures as per the regulations of the affiliating university.
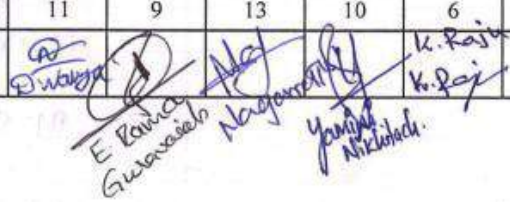
Internal marks correction sheet sample is shown below:

SRINIVASA INSTITUTE OF ENGINEERING AND TECHNOLOGY
NH-216 CHEYYERU(V); AMALAPURAM

II B.TECH (II SEM) I MID MARKS AWARD LIST   MAX MARKS:

BRANCH: CIVIL

S.NO	ROLL NO.	HHM MID-I	SM-II MID-I	MEFA MID-I	CT MID-I	SA-I MID-I	Signature of the Student
1	156N1A0101	10	12	14	8	8	A. Ripon Roselin
2	156N1A0102	8	6	13	1	1	B.
3	156N1A0103	9	7	13	8	2	ch. sai swarup
4	156N1A0104	5	7	11	8	2	Ch. Naveen Kumar.
5	156N1A0105	9	6	10	11	1	Ch. Srikanth
6	156N1A0106	3	11	13	9	3	ch.
7	156N1A0107	13	9	14	11	9	D. Sambhavi
8	156N1A0108	6	9	13	3	1	D S. manikate
9	156N1A0109	14	13	14	14	9	Naagh
10	156N1A0110	6	9	13	5	0	D.V. Sai pridhi.
11	156N1A0111	14	12	14	9	6	C
12	156N1A0112	10	13	13	12	2	G. Veerraudara
13	156N1A0113	10	8	13	8	5	C. Pavansoma
14	156N1A0114	7	8	13	3	1	GE.v.n gaigapora
15	156N1A0115	11	9	14	6	A	G. Vinay
16	156N1A0116	10	13	13	5	2	G. Nagesh Babu
17	156N1A0117	14	15	14	15	15	* Sai babu
18	156N1A0118	5	8	12	0	1	K. Veerababu
19	156N1A0119	13	10	14	13	A	K. Babu R.
20	156N1A0120	3	8	A	A	0	K. Darravmefe
21	156N1A0121	0	3	7	A	0	K. D. Kumae
22	156N1A0122	10	11	14	9	5	K. Shivani.
23	156N1A0123	10	12	13	6	4	K. Naveen Kumar
24	156N1A0124	12	14	14	8	10	K. L. S. prasnna
25	156N1A0125	13	12	13	12	3	K. Durga Prasad Reddy
26	156N1A0126	13	10	12	A	0	K. Y. Prakash
27	156N1A0127	11	13	14	6	3	M. Bhuvana.
28	156N1A0128	11	13	14	5	5	M. Snurjanya
29	156N1A0129	12	12	13	9	0	M. Sai Duy.
30	156N1A0130	8	9	14	10	0	M. S. Surya
31	156N1A0131	6	11	12	12	2	Curepli
32	156N1A0132	10	12	14	5	3	N. Sonia
33	156N1A0133	3	6	12	0	0	N. K. S K. Relly
34	156N1A0134	9	9	14	6	0	N. S. Nadh
35	156N1A0135	A	A	3	5	A	N. lalshnava Deut
36	156N1A0136	8	9	13	6	3	N. Anil kumar

S.NO	ROLL NO.	HHM MID-I	SM-II MID-I	MEFA MID-I	CT MID-I	SA-I MID-I	Signature of the Student
37	156N1A0137	10	12	13	9	6	N. S-S-jejCl
38	156N1A0138	0	10	12	1	0	N. Rahul
39	156N1A0139	1	3	12	3	0	O.S.V.satyanas
40	156N1A0140	13	15	14	14	15	P. Harshitha sai.
41	156N1A0141	11	14	14	10	5	P. Jyothi
42	156N1A0142	5	4	8	1	0	
43	156N1A0143	10	11	12	A	1	R.P.kummoz
44	156N1A0144	8	10	14	11	2	R.B.S.P. Kumar
45	156N1A0145	3	A	13	4	1	Ruthaf.C
46	156N1A0146	2	1	13	1	0	S. Lalith sai
47	156N1A0147	11	14	13	8	6	
48	156N1A0148	13	11	13	11	8	S. Nakesh
49	156N1A0149	9	10	12	7	6	S. Ajay kumar
50	156N1A0150	5	10	11	0	0	T.Ranjith kumar
51	156N1A0151	13	11	14	6	3	T.B. Naga Lakshmi
52	156N1A0152	8	1	14	4	0	TGRajla
53	156N1A0153	10	12	14	4	1	T. Sunil
54	156N1A0154	15	11	14	8	6	T. sandhya devi
55	156N1A0155	7	A	12	0	0	V.S.S. Praveen
56	156N1A0156	8	A	14	A	A	Y. Sandlep
57	156N1A0157	5	6	13	1	1	Tampalli chevtanya
58	156N1A0158	0	0	13	1	0	S.V.
59	166N5A0101	12	15.	14	8-	9	B. Kubls
60	166N5A0103	13	15	13	14	12	G. v.latha
61	166N5A0104	8	14	13	6	6	K. kavya
62	166N5A0105	7	3	14	14	2	M.sina
63	166N5A0106	15	15	14	14	15	M. vijaya Durga
64	166N5A0107	10	0	12	11	4	P.v. Durga prasad
65	166N5A0108	11	9	13	10	6	P. Ashwk.
NAME & SIGNATURE OF FACULTY :		Divya	E Ravica Gurarelh	Nagaveni	yanini Nikhitach	K.Raju K.Raj	

K.Raju.
Signature of the HOD

Students will apply for recounting / re-evaluation of marks when the students have grievances. A sample university result declared for the same is shown below:

Figure: recounting / re-evaluation

2.5.4 Provide Details On The Formative And Summative Assessment Approaches Adopted To Measure Student Achievement. Cite A Few Examples Which Have Positively Impacted The System.

- As the college is affiliated to JNTUK, Kakinada, reforms and regulations of the university in examinations and evaluation are followed.
- Even then, for bringing about a positive change in the evaluation practices, the institution adopts both formative and summative methods of evaluation.

Formative Approach:

- Formative approach to evaluation includes measuring the student's achievement through seminars and slip tests.
- Assignments on advanced topics for knowledge enhancement of students
- The evaluation through these approaches gives lot of information about student achievement after teaching a particular unit.
- The concerned teacher may get some direction about the student and necessary steps regarding his/her progress can be pondered over.

Summative Approach:

- The summative evaluation is done during internal examinations. All faculty members follow the formative approach to measure students' achievements and performance through slip tests and assignments.

- For summative evaluation two internal mid examinations are conducted. Each internal exam contains both subjective and objective (Quiz) type tests. This is how the institution uses the formative and summative evolution approaches in the campus.

UG: B.Tech.

- There is complete transparency in the internal assessment. The criterion adopted is as directed by the university.

- All the students are familiarized with the transparency in internal assessment. Each subject is evaluated through internal and external exams.

- For the R-10 regulation, internal and external exams are conducted for 25 and 75 marks respectively.

- Two internal examinations are conducted for every semester. Each internal examination consists of one descriptive and one online test for each subject.

- The descriptive test is conducted for 15 marks (exam will be conducted for 30 marks and later reduced to 15 marks) and online for 10 marks (exam will be conducted for 20 marks and is reduced to 10 marks).

- The better of the two internal performances is considered.

- Online examination is conducted by the university and the marks are automatically registered in the university database.

- In the R-13 Regulation, the performance of a student in each semester shall be evaluated subject-wise with maximum of 100 marks for theory subject and 75 marks for practical subject. The project work shall be evaluated for 200 marks.

- In the R-13 regulation, internal and external examinations are conducted for 30 and 70 marks respectively.

- For theory subjects, during the semester there shall be 2 tests. The weightage of internal marks for 30 consists of Descriptive – 15, Assignment - 05 (Theory, Design, Analysis, Simulation, Algorithms, Drawing, etc. as the case may be) Objective -10 (Conducted at College level with 20 Multiple choice questions with a weightage of ½ Mark each). The objective examination is for 20 minutes duration. The subjective examination is for 90

minutes duration conducted for 15 marks. Each subjective type test question paper shall contain **3 questions** and all questions need to be answered. The Objective examination conducted for 10 marks and subjective examination conducted for 15 marks are to be added to the assignment marks of 5 for finalizing internal marks for 30.

- The better of the two tests will be taken for internal marks.

- As the syllabus is framed for 6 units, the 1st mid examination (both Objective and Subjective) is conducted in 1-3 units and second test in 4-6 units of each subject in a semester.

- In the R-16 Regulation, the performance of a student in each semester shall be evaluated subject – wise with a maximum of 100 marks for theory subject and 75 marks for practical subject. The project work shall be evaluated for 200 marks, 60 marks shall be for internal evaluation and 140 marks for end semester examination.

- For the R-16 Regulation, internal and external examinations are conducted for 30 and 70 marks respectively.

- For theory subjects, during the semester there shall be 2 tests. The weightage of internal marks for 30 consists of Descriptive – 15, Assignment - 05 (Theory, Design, Analysis, Simulation, Algorithms, Drawing, etc. as the case may be) Objective -10 (Conducted at College level with 20 Multiple choice questions with a weightage of ½ Mark each). The objective examination is for 20 minutes duration. The subjective examination is for 90 minutes duration conducted for 15 marks. Each subjective type test question paper shall contain **3 questions** and all questions need to be answered. The Objective examination conducted for 10 marks and subjective examination conducted for 15 marks are to be added to the assignment marks of 5 for finalizing internal marks for 30.

- From the two scores accomplished by the students in the two internal examinations the better score is finalised and 80% of that score is added to the 20% of the score obtained in the other examination by the student.

- Online examination is conducted by the university and the marks are automatically registered in the university database.

- As the syllabus is framed for 6 units, the 1st mid examination (both Objective and Subjective) is conducted in 1-3 units and second test in 4-6 units of each subject in a semester.

PG: M.Tech

- The internal evaluation is done for 40 marks and external evaluation is for 60 marks.
- Two MID examinations are conducted for every semester for 40 marks each. Average marks of these two mid examinations are considered for final internal marks.

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

The following are the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years:

- The record of the whole evaluation process is transparent. The answer scripts are shown to the students

Academic monitoring system:

- The academic performance is monitored by observing the students performance in the classrooms through slip tests, interactions, internal assessment tests and assignments.
- Monitoring is also done by observing their performance in the end semester examinations taking both theoretical and practical aspects into consideration.

Regularity:

- The regularity of the student is monitored by recording presence /absence in every class by taking class attendance.

Co-curricular and extra-curricular activities:

- After identifying their areas of interest in co-curricular and extracurricular activities, the student participation is recorded.
- Parents and local guardians are invited to the college to discuss the necessary action to be implemented for the progress of the student.

Improvements in solution of question papers:

- There has been betterment in the quality of question papers and solutions devised for these papers.

Weightage in Internal Assessment:

- After evaluation of the assignments/tests/projects/ etc. the outcome results are discussed.

- In the class, results are put on the notice board, students are individually counseled, and feedback is taken from the students for better assessment as well as for improving the existing methods of assessment.

- While evaluating students for internal assessment, transparency is maintained and due weightage is given for their behavioral attributes like independent learning and communication skills.

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

The affiliating university doesn't specify any graduate attributes. But the college follows the NBA specified graduate attributes. The following is the list of graduate attributes

1   Engineering knowledge**:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2   Problem analysis**:** Identify and formulate research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3   Design/development of solutions**:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental issues.

4   Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5   Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

6   The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7   Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8   Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9   Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10 Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11 Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects in multidisciplinary environments.

12 Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

- The above said graduate attributes are treated as the mandatory program outcomes for all the programs of the college.

- There is a specified format to take the feedback on the program outcomes intern graduate attributes every year.

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

The mechanism for redressal of grievances with reference to evaluation at University level:

For External Examinations

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

- **Recounting/Revaluation process:**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
Revaluation/Recounting Result of II B.Tech [R10] I Semester Supply Examinations Jan-2014
College: SRINIVASA INSTITUTE OF ENGINEERING & TECHNOLOGY:6N

Htno	Subcode	Subname	Internal	External	credits
106N1A0248	R21024	ELECTRO MAGNETIC FIELD	7	38	4
116N1A0217	R21025	ELECTRICAL MACHINES-I	10	34	4
116N1A0332	R21031	ENGINEERING MECHANICS	8	34	4
116N1A0477	R21042	NETWORK ANALYSIS	10	30	4
116N1A0495	R21042	NETWORK ANALYSIS	8	35	4
116N1A0496	R21044	SIGNALS & SYSTEMS	10	35	4
116N1A0497	R21042	NETWORK ANALYSIS	6	39	4
116N1A0559	R21026	ELECTRONIC DEVICES AND CIRCUITS	13	42	4
126N5A0306	R21031	ENGINEERING MECHANICS	10	32	4

Date:26-04-2015   Controller of Examinations

*** There is no change for Other applicants

Figure: Recounting/Revaluation

For Internal Examinations

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

- If student is not satisfied with the marks awarded in of the any subjects 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. All such representations are taken positively and reassessment will be made by a competent teacher, if necessary.

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 college has clearly stated learning outcomes.

Course outcomes of "Pulse & Digital Circuit"

CO1	Able to demonstrate Linear wave shaping
CO2	Able to identify different clippers and clampers
CO3	Able to demonstrate switching characteristics of devices
CO4	Able to design different multivibrators
CO5	Able to describe the method voltage time base generators
CO6	Able to demonstrate different sampling gates and synchronization mechanisms

Program Outcomes:

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs

with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments

PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

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

- Regular tests are conducted, immediately after completing one unit, during the course. The institution evaluates the students through two internal tests.
- Identifying slow and advanced learners.
- The parents are informed about their child's performance by either writing letters or by making phone calls (in case of slow learners only).
- To monitor the students' performance during an academic year, a mentor is appointed in the department for each group of 20 students in the class.
- The class teacher informs the parents about the internal examination marks of the students along with their class attendance.

UG Programs:

Batch	Programs										OVERAL
	EEE		ME		ECE		CSE		CE		
	APP	PASS	APP	PASS	APP	PASS	APP	PASS	APP	PASS	
2012 – 2016	71	55	123	100	123	109	118	99	57	46	83.13 %
2011 – 2015	63	56	61	50	120	110	106	96	59	51	88.75 %
2010 –2014	51	42	-	-	111	101	81	72	58	42	85.38 %
2009 – 2013	66	58	-	-	59	56	58	51	61	57	90.98 %

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

Teaching Strategies:

- The college follows the academic calendar given by the affiliating university and accordingly plans for lecture and tutorial hours and laboratory hours in all the theory and practical subjects.
- The class timetables are prepared in such a way that the required number of periods are assigned for all the theory and practical subjects and also include the periods for association/pre-placement training/library/games and sports activities.
- ICT is effectively used wherever necessary to impart teaching and delivering seminars.
- Special attention is focused on application part of the subject and extra content is delivered wherever necessary to meet the desired learning outcomes.
- The intended learning outcome is structured by the teaching and learning assessment

strategies.

- The practical knowledge and experience knowledge of the students are reached by the provision of laboratories and other infrastructure.

- The journals and magazines provide them research atmosphere to present papers and attend meetings.

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?

- CRT Classes are conducted to the students of pre-final till the end of the course to help them secure suitable jobs in industries.

- Seminars and workshops are conducted to create awareness on entrepreneurship by inviting industry experts.

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

The college collects the data on learning outcomes from the stakeholders by following the procedure given below:

- Exit feedback will be taken from the outgoing students every year.

- The feedback from the alumni.

- The data pertaining to the graduates seeking higher education.

The feedback collected is analyzed and the necessary modifications in the curriculum and evaluation strategies are suggested to the affiliating university to meet the desired learning outcomes.

SRINIVASA INSTITUTE OF ENGINEERING AND TECHNOLOGY
Department of Electronics and Communications Engineering
B.Tech Mid - I Marks

FACULTY NAME:	CH.Bhavani	Academic Year:	2015-2016
SUBJECT :	PULSE AND DIGITAL CIRCUITS		

CLASS	III-I ECE		DATE OF EXAM :			24-08-2015	

SL.No	REG.NO	NAME OF THE STUDENT	QUESTION NUMBER (MARKS)						
			1		2		3		
			A	B	A	B	A	B	TOTAL
		Max Marks	**10.0**	**0.0**	**10.0**	**0.0**	**10.0**	**0.0**	**30.0**
1	136N1A0401	ADDALA KRISHNA SANTHI	10.0	0.0	8.0	0.0	7.0	0.0	**25.00**
2	136N1A0402	AKULA SATISH KUMAR	2.0	0.0	8.0	0.0	2.0	0.0	**12.00**
3	136N1A0403	BADDE VIJAY PRAKASH	2.0	0.0	1.0	0.0	7.0	0.0	**10.00**
4	136N1A0404	BEERA GOWTHAMI	6.0	0.0	2.0	0.0	2.0	0.0	**10.00**
5	136N1A0405	BONTHU NAGA TULASI	2.0	0.0	0.0	0.0	7.0	0.0	**9.00**
6	136N1A0406	BONTHU PRIYANKA	6.0	0.0	5.0	0.0	7.0	0.0	**18.00**
7	136N1A0407	BUNGA ROOPA RAJ	10.0	0.0	9.0	0.0	10.0	0.0	**29.00**
8	136N1A0408	CHAGANTI KRISHNA PRIYANKA	8.0	0.0	8.0	0.0	0.0	0.0	**16.00**

9	136N1A0409	CHEEKURUMELLI RAMYA KRISHNA	9.0	0.0	8.0	0.0	8.0	0.0	**25.00**
10	136N1A0410	CHELLINGI HARSHITHA LAKSHMI	9.0	0.0	9.0	0.0	7.0	0.0	**25.00**
11	136N1A0411	CHELLUBOINA LAXMI SIREESHA	9.0	0.0	9.0	0.0	8.0	0.0	**26.00**
12	136N1A0412	CHELLUBOINA SRAVANI	8.0	0.0	6.0	0.0	3.0	0.0	**17.00**
13	136N1A0413	CHETAKALA INDU DEVI	9.0	0.0	9.0	0.0	7.0	0.0	**25.00**
14	136N1A0414	CHODAPANEEDI GOPIKRISHNA	10.0	0.0	10.0	0.0	10.0	0.0	**30.00**
15	136N1A0415	DANDU MOUNIKA	7.0	0.0	6.0	0.0	7.0	0.0	**20.00**
16	136N1A0416	DANDU VINEETHA	10.0	0.0	8.0	0.0	7.0	0.0	**25.00**
17	136N1A0417	GEDDADA TEJASRI	10.0	0.0	9.0	0.0	8.0	0.0	**27.00**
18	136N1A0418	GOLLA SATYA PRASAD	8.0	0.0	10.0	0.0	10.0	0.0	**28.00**
19	136N1A0419	GUMMADI PHANI HARSHINI	9.0	0.0	8.0	0.0	6.0	0.0	**23.00**
20	136N1A0420	INDUKURI LAKSHMI SRAVYATHA	9.0	0.0	5.0	0.0	2.0	0.0	**16.00**
21	136N1A0421	JALLI LAKSHMI DURGA	9.0	0.0	10.0	0.0	10.0	0.0	**29.00**
22	136N1A0422	KAKARLAMUDI LAKSHMI MAIDHILI	9.0	0.0	10.0	0.0	10.0	0.0	**29.00**
23	136N1A0423	KALLAKURI NAGA LAKSHMI PRASANNA	10.0	0.0	10.0	0.0	10.0	0.0	**30.00**
24	136N1A0424	KAPPAGANTULA TEJ SRI	10.0	0.0	10.0	0.0	9.0	0.0	**29.00**
25	136N1A0425	KAPPAGANTULA V R UDAYA BHASKAR	0.0	0.0	0.0	0.0	0.0	0.0	**0.00**
26	136N1A0426	KASANI LAKSHMI CHARISHMA	10.0	0.0	9.0	0.0	2.0	0.0	**21.00**
27	136N1A0427	KORALLA TEJASWINI	10.0	0.0	9.0	0.0	10.0	0.0	**29.00**
28	136N1A0428	KORLAPATI VIJAYADURGA	9.0	0.0	5.0	0.0	10.0	0.0	**24.00**
29	136N1A0429	KOVVURI RAMA LAKSHMI	9.0	0.0	10.0	0.0	10.0	0.0	**29.00**
30	136N1A0430	KUCHERLAPATI GAYATHRI SNEHITHA	9.0	0.0	6.0	0.0	7.0	0.0	**22.00**
31	136N1A0431	MADDELA K B SUBRAHMANYESWARA RAO	0.0	0.0	0.0	0.0	0.0	0.0	**0.00**
32	136N1A0432	MAMIDISETTI JYOTHI SIVANI	9.0	0.0	8.0	0.0	5.0	0.0	**22.00**
33	136N1A0433	MANDAVALLI MANISRI SAI JYOTHI	9.0	0.0	10.0	0.0	10.0	0.0	**29.00**
34	136N1A0434	MANTENA KALYANI	9.0	0.0	10.0	0.0	9.0	0.0	**28.00**
35	136N1A0436	MARAPATLA MONICA SANTHI	9.0	0.0	10.0	0.0	8.0	0.0	**27.00**
36	136N1A0437	MEKA LAKSHMI PRASANNA	0.0	0.0	0.0	0.0	0.0	0.0	**0.00**
37	136N1A0438	NAKKA MADHURIMA	9.0	0.0	9.0	0.0	9.0	0.0	**27.00**
38	136N1A0439	NELAPATI SUDHA RANI	9.0	0.0	3.0	0.0	0.0	0.0	**12.00**
39	136N1A0440	PAIPURI SAILAJA	10.0	0.0	10.0	0.0	9.0	0.0	**29.00**
40	136N1A0441	PANINGIPALLI RAVI TEJA	4.0	0.0	0.0	0.0	6.0	0.0	**10.00**
41	136N1A0442	PAPPULA AMANI	9.0	0.0	9.0	0.0	10.0	0.0	**28.00**
42	136N1A0443	PATI SATYA PRASANNA	10.0	0.0	8.0	0.0	10.0	0.0	**28.00**
43	136N1A0444	PEDDINTI JAGANNADHA DEEKSHITH	7.0	0.0	1.0	0.0	7.0	0.0	**15.00**
44	136N1A0445	PERABHATTULA LAKSHMI PRANEETHA	9.0	0.0	10.0	0.0	9.0	0.0	**28.00**
45	136N1A0446	PERURU DURGA	10.0	0.0	9.0	0.0	9.0	0.0	**28.00**
46	136N1A0447	PITHANI SATYA SAI CHANDRA DEEPIKA	9.0	0.0	8.0	0.0	9.0	0.0	**26.00**
47	136N1A0448	REKAPALLI PUNYALAVANYA DEVI	3.0	0.0	5.0	0.0	9.0	0.0	**17.00**
48	136N1A0449	REVU DURGA	4.0	0.0	0.0	0.0	5.0	0.0	**9.00**
49	136N1A0450	SANABOINA ANEESH KUMAR	2.0	0.0	3.0	0.0	6.0	0.0	**11.00**
50	136N1A0451	SIDDA AMRUTHA SRILAKSHMI	2.0	0.0	9.0	0.0	10.0	0.0	**21.00**
51	136N1A0452	SUDARSANAM RAJ KISHORE	2.0	0.0	1.0	0.0	8.0	0.0	**11.00**
52	136N1A0453	TALATAM SATYA RAMADEVI	9.0	0.0	6.0	0.0	8.0	0.0	**23.00**
53	136N1A0454	UDDAGIRI S S N V R L ISWARYA	10.0	0.0	9.0	0.0	10.0	0.0	**29.00**
54	136N1A0455	VASA RUPA NAGA SAI MALLIKA	9.0	0.0	10.0	0.0	10.0	0.0	**29.00**
55	136N1A0456	VITTHANALA VIJAYA MAMATHA	10.0	0.0	10.0	0.0	8.0	0.0	**28.00**
56	146N5A0401	CHOLLANGI SANGEETHA	10.0	0.0	9.0	0.0	10.0	0.0	**29.00**
57	146N5A0402	G SAI SUBRAHMANYA NARASIMHA VARMA	0.0	0.0	0.0	0.0	6.0	0.0	**6.00**
58	146N5A0403	GUDIMETLA VIJAYA SAI SWAMY	1.0	0.0	10.0	0.0	10.0	0.0	**21.00**

59	146N5A0404	GUTTULA LEELA ESWARI	10.0	0.0	2.0	0.0	10.0	0.0	**22.00**
60	146N5A0405	ILLA ESWRA PRASAD	2.0	0.0	0.0	0.0	10.0	0.0	**12.00**
61	146N5A0406	KADALI NAGALAKSHMI	2.0	0.0	3.0	0.0	10.0	0.0	**15.00**
62	146N5A0407	KADALI VENKATESH	0.0	0.0	0.0	0.0	0.0	0.0	**0.00**
		Total	436	0	399	0	443		1278
		Average	7.517	0	6.879	0	7.64		22.0344828

No of Absents   4   **No of Presents**   58

PULSE AND DIGITAL

CIRCUITS

SUBJECT :
CO Mapping with Internal Exam Questions:

CO – 1	√					
CO – 2			√			
CO – 3					√	
CO – 4						
CO – 5						
CO – 6						

CO Mapping with Internal Exam Questions:

SUBJECT :

PULSE AND DIGITAL CIRCUITS	1		2		3	
	A	B	A	B	A	B
CO – 1	√					
CO – 2			√			
CO – 3					√	
CO – 4						
CO – 5						
CO – 6						

	A	B	A	B	A	B
Number of Students Scored more than 60%	45	0	41	0	49	0
Number of Students Scored more than 70%	43	0	37	0	45	0
Percentage of Students Scored more than 60%	77.6	0.0	70.7	0.0	84.5	0.0
Percentage of Students Scored more than 70%	74.1	0.0	63.8	0.0	77.6	0.0

							Attainment
Basis is 60 %	CO - 1	77.6					77.6
	CO - 2			70.69			70.7
	CO - 3					84.5	84.5
	CO - 4						
	CO - 5						
	CO - 6						
							Attainment
Basis is 70 %	CO - 1	74.1					74.1
	CO - 2			63.8			63.8
	CO - 3					77.6	77.6
	CO - 4						
	CO - 5						
	CO - 6						
							Attainment

Attainment Level of Course Outcomes	>60%	>70%
CO - 1	77.6	74.1
CO - 2	70.7	63.8
CO - 3	84.5	77.6
CO - 4		
CO - 5		
CO - 6		
Average	77.6	71.8
Attainment Level	**2**	**2**

Attainment Level		
1		>60%
2		>70%
3		>80%

Signature of the Faculty   Signature of IQAC Member   Signature of HOD

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

- Through class monitoring committees.

- Through system of continuous evaluation in both theory and lab subjects.

- Through the exit feedback and alumni feedback.

- Through analysis of examination performance in both theory and practical.

- Through the various activities of NSS.

- Through the achievements of students in co-curricular and extracurricular activities.

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

- Yes, both assessment and achievements are used as indicators to assess learning outcomes.
- Every month attendance details are displayed on the individual department notice boards.
- Performance appraisal of the student is done on a regular basis and necessary action is taken.
- Family counselor services are provided to guide the ward's parents when they are lagging academically.
- Maintenance and analysis of records of class, mid and university examination is done.
- The overall development of a student is ensured through co-curricular and extra-curricular activities
- The teachers maintain full record of the students, right from their entry and till their exit.
- The detailed record has been maintained in the department with the biodata of the students, his/her internal and external marks for 8 semesters along with the counseling records of the students. This record is helpful to have full knowledge of the student to take positive action in future.

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

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, there is a research committee in the institution to monitor and address the issues of research. The following is its composition with members.

S.No	Name	Designation & Department	Position
1	Dr. D. Ranga Raju	Principal, ME	Chairman
2	Dr. R. John Mathew	Professor, CSE	Convener
3	Dr. B.N. Jagadeesh	Professor, CSE	Member
4	Dr. K. Hari Krishna	Professor, CE	Member
5	Dr. D. Prasad Raju	Professor, ME	Member
6	Dr. I Srinivasa Rao	Professor, ECE	Member
7	Dr. K. Soloman Raju	Professor, ECE	Member
8	Dr. M Kondala Rao	Professor, CSE	Member
9	Mr. V. Ramadasu	Associate Professor, ECE	Member
10	Mr. M.J.M. Prasad	Associate Professor, ECE	Member
11	Mr. K. Raju	Assistant Professor, CE	Member
12	Mr. V. Vinod	Assistant Professor, EEE	Member
13	Mr. K.V.V. Ramana Murthy	Assistant Professor, ME	Member
14	Mr. S.N.V.S.S.S.T. Murthy	Assistant Professor, CSE	Member
15	Mr. P. Ravi Kishore	Assistant Professor, CSE	Member
16	Ms. P.M.L. Mounika	IV-Year, CE	Student Member
17	Mr. P. Phani Kumar	IV-Year, EEE	Student Member
18	Mr. B. Siva Krishna	IV-Year, ME	Student Member
19	Ms. K.L. Maidhili	IV-Year, ECE	Student Member
20	Ms. A. Santha Priya	IV-Year, CSE	Student Member

The following are the functions of the committee.

- To identify thrust areas of research
- To advise and encourage the faculty to carry out research
- The research committee visits the various departments of the college and meets the faculty to encourage and motivate them to undertake research projects and go through the proposals before submitting to funding agencies.
- To identify the physical and human resources to carryout research
- To identify the budget requirements and resources for funding the research
- To review the progress of research periodically and offer necessary guidance whenever required
- To monitor the funding of the college budget for promotion of research activities
- To monitor and assess the progress of sponsored research projects
- To review and monitor academic Ph.D. work
- To advise and arrange seminars / conferences / workshops

Recommendations:
- Monetary incentive for publishing research paper by faculty members or faculty with students in National/ International Journal.
- Invite scientists from reputed government and non-government research organizations to inculcate research culture.
- Conduct awareness programs/ guest lectures to focus on latest research areas.
- Establish research centers in each department to enhance the research activity.
- Develop tools/ technology for agriculture, horticulture and aquaculture

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

Measures Taken

- Faculty members in research are encouraged with minimum load of work throughout the semester.
- Permissions granted to attend various workshops and conferences along with registration fee reimbursement.
- Group Blog initiated for uploading of query based forum.
- Students are encouraged to present papers in national conferences/ seminars.
- R&D cell is kept open for the registered students to carry out their research activities.
- Internal capital is allocated with the institution for R&D and consultancy cell to

carry out research activities smoothly.

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

- The institution encourages the students in developing scientific temper, research culture and aptitude among the students through industrial visits, guest lectures by eminent scientists.

- Students are also encouraged to become members of professional societies like ISTE, CSI, and IETE.

- The students are also encouraged to do their final year projects in college or industries nearby.

- Conducted Technical seminar in addressing the issues related to choice of appropriate projects.

- Students counseling with the R&D director is arranged to assess their levels of interest.

- Conducted a workshop based on Basics of Physics for the first year students of Engineering to create a sense of Enthusiasm about Engineering.

- Project Based Learning is introduced wherein teachers offer projects in the subjects they are teaching and the students are free to select projects of their interests.

- Teachers are encouraged to offer interdisciplinary projects on an open house basis.

- Industrial Visits have been made mandatory as per the curriculum.

- Students are given an opportunity to discuss with various eminent industrialists through various guest lectures and industrial visits to clarify their technical doubts.

- Students are invited to have an interaction with the research committee during R&D and Consultancy meetings which are duly recorded in the minutes of meetings.

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.

1. Faculty guiding Ph.D students

S.No	Name of the Faculty	Department	Area of Specialization
1	Dr.D.Ranga Raju	ME	Hydraulic Transportation of Solids in Pipe Line
2	Dr. R. John Mathew	CSE	Data Base
3	Dr. B N Jagadeesh	CSE	Image processing
4	Dr. K Hari Krishna	CE	GEO Engineering
5	Dr. D Prasad Raju	ME	Machine Design
6	Dr .I Srinivasa Rao	ECE	VLSI
7	Dr. K Soloman Raju	ECE	Micro Electronics
8	Dr. M Kondala Rao	CSE	CS and SE

2. Faculty guiding M.Tech students

S.No	Name of the Faculty	Department	Project Topic
1	Mr.M.J.M. Prasad	ECE	VLSI Based Monitoring System
2	A VSS Varma	ECE	VLSI
3	V Ramadasu	ECE	BOI Embedded Web Server
4	K Rambabu	ECE	VLSI
5	Ch Bhavani	ECE	DSP
6	R Praveen Kumar	CSE	Cloud Computing
7	V.Sai Priya	CSE	Wireless sensor Networks
8	B.Srinivas	CSE	Cloud Computing
9	G Ravikumar	ME	Thermal engineering
10	KVR Murthy	ME	Thermal engineering
11	M Verraju	ME	Machine design
12	Y Anasuya	ME	CAD/CAM
13	P Srinivas	ME	CAD/CAM

3. Faculty pursing Ph.D

S. No.	Name of the Faculty	Department	Area of specialization
1	Mr.M.J.M. Prasad	ECE	Antenna Design
2	Mr. G vasu	ECE	Embedded systems
3	Mr. AVCJ Ramayya	EEE	Electrical Machines
4	N.N.S.V.RAMRAJU	ECE	Digital Image Processing
5	U.S.B.K.MAHALAKSHMI	ECE	Instrumentation
6	Mr. K Srirama Krishna	S&H	Physics
7	Mr. P Ravi Kishore	S&H	Mathematics
8	Mr. M Krishna Karthik	S&H	Chemistry

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

Various departments of the institute keep organizing conferences, workshops, training programmes in the academic session to imbibe research culture among faculty and students. Some of the events of the past are mentioned below.

Department of Civil engineering:

Sl. No.	Seminars/Conferences/ Workshops	Date	Name of the Funding Agency	National / International/ Institutional
1.	RS&GIS	14-8-2014	College	Institutional
2.	Fluid Mechanics Workshop	20-5-2014	National Mission on Education through ICT (MHRD, Govt. of India	National
3.	National level Conference NCCTET- 2014	27-9-2014	College	National
4.	Seminar on Entrepreneurial Orientation – Insight for budding Entrepreneurs	14-8-2014	College	Institutional
5.	National level technical symposium- TECHFEST-2K15	16-3.2015	College	National
6.	National level technical symposium- TECHFEST-2K16	18-3.2016	College	National
7.	National level technical symposium- TECHFEST-2K17	7.02.2017	College	National

Department of Electrical and Electronics Engineering

Sl. No.	Seminars/ Conferences/Workshops	Date	Name of the Funding Agency	(National / International)
1	Seminar on Entrepreneurial Orientation – Insight for budding Entrepreneurs	14-8-2014	College	National
2	National level Conference NCCTET- 2014	27-9-2014	College	National
3	Control Systems Workshop	2-12-2014 to 12-12-2014	NME ICT (MHRD, Govt. of India), IIT, Kharagpur	National
4	National level technical symposium- TECHFEST-2K15	16th &17th March-2015	College	National
5	National level technical symposium- TECHFEST-2K16	18th &19th March-2016	College	National
6	PLC,SCADA & Industrial Automation	07-09-2016 To 09-09-2016	College	Institutional
7	National level technical symposium- TECHFEST-2K17	27th 728th January-2017	College	National

Department of Mechanical Engineering

SL.No	Seminars/ Conferences/Workshops	Date	Funding agency	national / international
1	Two weeks FM WORK SHOP	20-5-2014	NMEICT (MHRD, Gov of India)	National
2	NCCTET	27-9-2015	SIET	National
3	Robo Dunia	12-10-2015	SIET	National
4	Internet of Things	26-09-2016 to 29-09.2016	SIET	National
5	National level technical symposium- TECHFEST-2K15	16th &17th March-2015	College	National
6	National level technical symposium- TECHFEST-2K16	18th &19th March-2016	College	National
7	National level technical symposium- TECHFEST-2K17	27th 728th January-2017	College	National

Department Electronics & Communication Engineering:

Sl. No.	Seminars/Conferences/Workshops	Name of The Funding Agency	Remarks (National / International/Institutional)
1.	Signals And Systems	National Mission On Education Through ICT (MHRD, Govt. Of India)	National
2.	ISTE Workshop For Teachers On Aakash For Education IIT Bombay.	National Mission On Education Through ICT (MHRD, Govt. Of India	National
3.	National Level Conference NCCTET- 2014	College	National
4.	Workshop On MATLAB	College	Institutional
5.	Hands On Embedded Systems.	College	Institutional
6.	National level technical symposium- TECHFEST-2K15	college	National
7.	National level technical symposium- TECHFEST-2K16	college	National
8.	National level technical symposium- TECHFEST-2K17	college	National

Department of Computer science Engineering:

S. No	Name of Conference /Workshop/Seminars Organized	Name of the Funding Agency	National/International/Institutional
1	Inaugural Session of CSI student chapter	College	Institutional
2	Current Research Trends in Ad-hoc Networks and Cloud Computing	College	National
3	C Programming Workshop	National Mission on Education through ICT (MHRD, Govt. of India)	National
4	Seminar on Entrepreneurial Orientation – Insight for budding Entrepreneurs	College	Institutional
5	NCCTET-2014	College	National
6	Seminar on C Programming	College	Institutional
7	Workshop on Introduction to Design of Algorithms	National Mission on Education through ICT (MHRD, Govt. of India)	National
8	Cloud Computing	College	Institutional
9	Android Application Development	College	Institutional
10	The Changing Nature and Uses of Data and the implications to Software	College	Institutional
11	Big Data & Hadoop	College	Institutional
12	National level technical symposium-TECHFEST-2K15	College	National
13	National level technical symposium-TECHFEST-2K16	College	National
14	National level technical symposium-TECHFEST-2K17	College	National

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

Prioritized research areas and the expertise list:

S No	Name of the faculty member	Area of research	Department
1	Dr.D.Ranga Raju	Hydraulic Transportation of Solids in Pipe Line	ME
2	Dr R. John Mathews	Data Base	CSE
3	Dr B N Jagadeesh	Image processing	CSE
4	Dr K Hari Krishna	Geo Engineering	CE
5	Dr D Prasad Raju	Machine Design	ME
6	Dr I Srinivasa Rao	VLSI	ECE
7	Dr K Soloman Raju	Micro Electronics	ECE
8	Dr M Kondala Rao	CSE	CSE

List of faculty pursuing Ph.D

S.No	Name of the Faculty	Department	Area of Specialization
1	Mr.M.J.M. Prasad	ECE	Antenna Design
2	Mr. G Vasu	ECE	Embedded systems
3	Mr. AVCJ Ramayya	EEE	Electrical Machines
4	N.N.S.V.Ramraju	ECE	Digital Image Processing
5	U.S.B.K.Mahalakshmi	ECE	Instrumentation
6	Mr. K Srirama Krishna	S&H	Physics
7	Mr. P Ravi Kishore	S&H	Mathematics
8	Mr. M Krishna Karthik	S&H	Chemistry

Prioritized research areas and the facilities list:

S.No	Name of the equipment/ facility	Area of research	Department
1	MATLAB	Image processing, signal processing	ECE, CSE,ME EEE
2	Spartan /3e	VLSI	ECE
3	XILINX	VLSI	ECE
4	Mentor graphics	VLSI	ECE

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

Efforts initiated

- R&D cell has always invited eminent personalities from industries for Faculty Development Programs and research programs to enhance the skills of the faculty in new areas.

- Inviting parents of those students who are into engineering industry for improving rapport between students and industry personnel, also to bridge the gap between industry and academics.

- Inviting eminent Professors from different Universities to guide our faculty and students in research activities.

List of eminent researchers who visited

Department of Civil Engineering

SI .No	Name of the Academician/ Scientist	Date	Purpose of visit
1	Mr. K.Ssrinivas	08-09-2016	Workshop on RS & GIS Aspects
2	Dr.V.RamaRaju	24-10-2016	Guest lecture on water resources engineering
3	Mr. Oleti Ramesh	08-02-2015	Guest lecture
4	Dr.M.Srinivasa Rao	14-8-2014	Entrepreneurial Orientation – Insight for budding

Department of Electrical and Electronics Engineering

S.No	Name of the Eminent Academician/ Scientist	Date	Designation, Organization
1.	Mr. D.V.Raju	15/08/2009	Former Scientist, ISRO.
2.	Dr.G.S.N.Raju	21/10/2009	Professor of ECE, Andhra University, Visakhapatnam.
3.	Dr. K.Vijaya Kumar	21/10/2009	Former Professor, IIT Kharagpur.
4.	Mr. C.V.Sarveswara Sarma	20/03/2010	President, Konaseema Science Parisath, Amalapuram.
5.	Dr. C.Dhanvantari	20/12/2010	Group Leader, CEERI, Pilani.
6.	Mr .G.Vijaya Anand	6/03/2011	Senior Vice/President, HCL
7.	Mr .R.Suriya	25/03/2011	Principal, Dr. B.R.Ambedkar Polytechnic, Yanam
8.	Ms . M.Vijaya Kumar	25/03/2011	Lecturer, CSE Department. B.R. Ambedkar Polytechnic, Yanam Polytechnic, Yanam
9.	Mr Ram Indukuri	17/08/2011	Chairman & CEO, Innovative Apps. Inc., Atlanta, G.A., USA.
10.	R.Rangarajan	05/11/2011	Vice/President (HR), SICAL Logistics, Chennai
11.	Mr. Oleti Ramesh	06/08/2012	Junior Engineer WRLDC, Mumbai
12.	Mr. I.N.V.S. Ram Kumar	13/04/2013	Sr. Software Engineer (IOS Developer)
14.	Dr.K.Ravindra	10/04/2014	Assistant Professor, JNTUK, Kakinada

15.	N.Kiran Kumar	18/04/2014	Software Engineer, Context Technologies
16.	Dr.M.Srinivasa Rao	14/08/2014	Entrepreneurial Orientation – Insight for budding Entrepreneurs
17.	Dr.K.V.S.R.Murthy	10/09/2014	Professor, Aditya College of Engineering
18.	Mr K.Vasantha Rao	11/09/2014	CEO, Kimberlite IT Pvt. Ltd., Hyderabad
19.	Miss.Y.Sowmya,	15/09/2014	Assistant Engineer, TSGENCO, Srisailam
20.	Dr. A.Gopala Krishna	27/09/2014	National Conference on Current Trends in Engineering and Technology/2014
21.	Mr. Sonu Tyagi	10/01/2015	Maintec Technologies Pvt. Ltd, Noida
22.	Mr M.Nageswarao,	12/04/2015	Assistant Professor, JNTUK, Kakinada
23.	Prof. V.S.S.Kumar	10/06/2015	Vice/Chancellor, JNTUK, Kakinada
24.	Dr.S.Srinivasa Kumar	10/06/2015	Director, Research & Development, JNTUK, Kakinada

Department of Mechanical Engineering

SL.No	Academicians and Scientists	Date	Purpose of visit
1	Dr.G..L.Samual	June 2014	Guest lecture on recent trends of M.T.
2	Dr.Gopala Krishna	Sep 2014	Guest lecture on Research & Development
3	Mr D.Chandra Sekhar Varma,	July 2014	Entrepreneurship Awareness program
4	Dr.D.Ranga Raju	August 2015	Guest lecture on Rapid Prototyping
5	Mr. V.Manikanth	Sept 2015	Guest lecture on Thermal Engineering
6	Mr.S.MadhavaRao	Sept 2015	Guest lecture on Thermodynamics

Department of Electronics and Communication Engineering

SL.No	Name of the Academician/ Scientist	Date	Purpose of visit
1.	Dr. K.Satyaprasad	04/03/2015	Inaugural Session of IETE student chapter
2.	Dr. P.siva Kumar	27/09/2014	National Conference on Current Trends in Engineering and Technology/2014
3.	Dr.K.RajaShekar	25/10/2014	Guest lecture on math works
4.	Prof. G.S.N Raju	15/04//2012	Guest lecture on EMWTL

Department of Computer Science and Engineering

S.No	Name of the Academician/ Scientist	Date	Designation & Organization
1.	Mr.D.V.Raju	15/08/2009	Former Scientist, ISRO.
2.	Dr.G.S.N.Raju	21/10/2009	Professor of ECE, Andhra University, Visakhapatnam.
3.	Dr. K.Vijaya Kumar	21/10/2009	Former Professor, IIT Kharagpur.
4.	Dr. K.N.Rao	24/01/2010	Professor & Head, Dept. of CSE, PVP Siddhartha Institute of Science & Technology, Vijayawada.
5.	Mr .C.V.Sarveswara Sarma	20/03/2010	President, Konaseema Science Parisath, Amalapuram.
6.	Dr. C.Dhanvantari	20/12/2010	Group Leader, CEERI, Pilani.
7.	Mr .G.Vijaya Anand	06/03/2011	Senior Vice/President, HCL Technologies Ltd.
8.	Mr .R.Surya	25/03/2011	Principal, Dr. B.R.Ambedkar Polytechnic,Yanam
9.	Mr .M.Pradeep Kumar	25/03/2011	Lecturer, CSE Department, Dr. B.R.Ambedkar Polytechnic, Yanam
10.	Mr .Ram Indukuri	17/08/2011	Chairman & CEO, Innovative Apps. Inc., Atlanta, G.A., USA.
11.	Mr.R.Rangarajan	05/11/2011	Vice/President (HR), SICAL Logistics, Chennai
12.	Mr.V.Subba Rao	27/08/2012	Project Manager, IBM
13.	Mr.I.N.V.S. Ram Kumar	13/04/2013	Sr. Software Engineer (IOS Developer)
14.	Mr. N.Kiran Kumar	18/04/2014	Software Engineer, Context Technologies
15.	Dr. K.Raja Sekhara Rao	21/07/2014	Inaugural Session of CSI student chapter
16.	Dr. M.V.Rama Sundari	26/07/2014	Resource Person for Work shop on Current Research Trends in Adhoc Networks and Cloud Computing
17.	Prof. P.suresh Varma	26/07/2014	Resource Person for Work shop on Current Research Trends in Adhoc Networks and Cloud Computing
18.	Mr.Ch.V.Raghavendran	26/07/2014	Resource Person for Work shop on Current Research Trends in Adhoc Networks and Cloud Computing

19.	Mr .G.Naga Satish	26/07/2014	Resource Person for Work shop on Current Research Trends in Adhoc Networks and Cloud Computing
20.	Dr.M.Srinivasa Rao	14/08/2014	Entrepreneurial Orientation – Insight for budding Entrepreneurs
21.	Mr .K.Vasantha Rao	11/09/2014	CEO, Kimberlite IT Pvt. Ltd., Hyderabad
22.	Dr. A.Gopala Krishna	27/09/2014	National Conference on Current Trends in Engineering and Technology/2014
23.	Mr.K.Deva Rajulu	21/11/2014 22/11/2014	C Programming
24.	Mr. Sonu Tyagi	10/01/2015	Maintec Technologies Pvt. Ltd, Noida
25.	Prof. V.S.S.Kumar	10/06/2015	Vice Chancellor, JNTUK, Kakinada
26.	Dr.S.Srinivasa Kumar	10/06/2015	Image Processing, Director, Research & Development, JNTUK, Kakinada
27.	Mr. O.Ramesh	24/07/2015	Cloud Computing

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?

- Faculty members are provided with leave for long period of time and salary for shorter duration with budgetary provisions.

- The college has developed research culture among the faculty. As a result, most of the faculty has registered for their part-time research programmes.

- Ambience of research in the college is evident by the publication of research papers by the staff and the research projects undertaken by the students. Faculty are given special leave and financial assistance as suggested by Research Advisory Committee.

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)
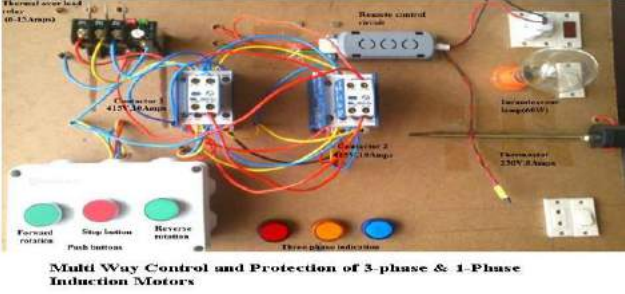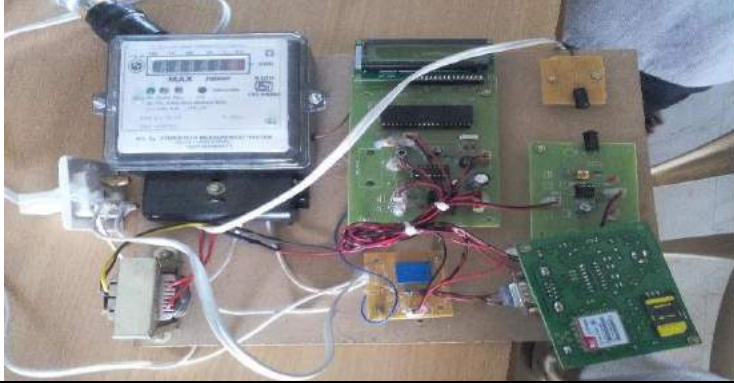
- Institution has initiated in various ways in creating awareness among students and faculty members. One such is to exhibit the prototype of the Major project as an outcome from the institution and to showcase the technical ability to other departments.

Department of Civil Engineering

S.No	Project Title	SCREENSHOT
01	Effect of size of aggregates on compressive strength of concrete and study on strength characteristics by utilization of waste materials as coarse aggregate in concrete **DESCRIPTION:** To select proper size of aggregate to give more strength to constructions by using waste materials. **COMPLETION:** 2013	
02	Stabilization of weak soil using sugarcane straw ash and polypropylene fibers as reinforcement **DESCRIPTION:** To increase the strength of weak soil with waste product sugarcane straw ash and polypropylene fibers **COMPLETION:** 2014	
03	Soil stabilization using waste fiber materials **DESCRIPTION:** To increase the bearing capacity of soils by using waste fiber materials **COMPLETION:** 2014	
04	Partial replacement of coarse aggregate with ceramic roof tiles in concrete mix **DESCRIPTION:** Waste material ceramic roof tile pieces are useful in concrete mix by replacement of coarse aggregate **COMPLETION:** 2015	
05	An Experimental study on the expansive soil treated with electrolytes **DESCRIPTION:** To know the engineering properties of expansive soils like bearing capacity, water content etc, to deside the type of foundation. **COMPLETION:** 2015	
06	Experimental study on concrete with rice husk ash as a partial replacement of cement **DESCRIPTION:** To know the engineering properties of concrete mix like compressive strength, workability, tensile strength etc, **COMPLETION:** 2016	

| 07 | **A BEHAVIOUR OF FLY ASH BASED GEO-POLYMER CONCRETE IN CHEMICAL ENVIRONMENT**
DESCRIPTION: To know the engineering properties of concrete mix like compressive strength, workability, tensile strength etc, under chemical acids.
COMPLETION: 2016 | |
| 08 | **DOMESTIC WASTE WATER TREATMENT FOR REUSE**

DESCRIPTION: To Know treatment of already used water for reuse and supply that water to plants, floor cleaning, lawns etc.,

COMPLETION: 2016 | |

Department of Electrical & Electronics Engineering

S.NO	ITEM	DESCRIPTION
1	**Project Title**	" Multi way control and protection of 3-phase & 1-phase Induction Motors"
	Motto	The motto of this project is to control the induction motor in different ways.
	Screen Shot	
	Completion Year	2014
2	**Project Title**	"Automatic Solar Tracking Based Water Pumps With Worm Gear Mechanism"
	Motto	The main aim of the project is to utilize the non conventional energy sources for irrigation.
	Screen Shot	
	Completion Year	2015
3	**Project Title**	Substation Monitoring And Controlling Using GSM
	Motto	The main aim of the project is to control the substation automatically by using GSM.
	Screen Shot	
	Completion Year	2015

Department of Mechanical Engineering

	NAME OF THE BATCH LEADER	TITLE OF THE PROJECT AND DESCRIPTION	PHOTO
1	K.D.N.BHAD RA RAO	**SOLAR TRY CYCLE FOR PHYSICALLY HANDICAPPED PEOPLE** Solar cycle has been design & fabricate in view to reduce the effort and more comfortable while driving physically disabled persons	
2	G.RAJESH	**FABRICATION OF MULTIFUNCTIONAL 4 WHEEL STEERING SYSTEM** Four wheel steering system is a serious effect on the part of automotive design in situations like low speed cornering, vehicle parking and driving in city conditions.	
3	A.MOHANA SAI KUMAR	**REFRIGERATOR CUM AIR COOLER** Our ultimate aim of the project that is those who cannot effort an air conditioner can have the comfort of ac should be completed	

Department of Electronics & Communication Engineering

S.NO	ITEM	DESCRIPTION
1	**Project Title**	"GSM based scrolling message display using LED"
	Description	This project is used to intimate the message to the people using wire- less electronic display board which is synchronized by using GSM technology, this system can be implemented in many important places where latest information can be displayed
	Screen Shot	
	Completion Year	2015
2	**Project Title**	""Automatic speed control of vehicles in special zone using RF Communication".
	Description	The main aim of the project is automatic speed control using RF signals for accident prone areas, hospitals and school roads where a limit on the speed control is required. This project can also be used in automated systems for wireless control.
	Screen Shot	
	Completion Year	2015
3	**Project Title**	"Unmanned petrol bunk using smart card"
	Description	This project is intended to reduce the usage of man power in the petrol bunk and to develop an auto guided mechanism to implement task sequentially. this system is less time to consuming and highly reliable
	Screen Shot	
	Completion Year	2015

4	**Project Title**	**"Drone"(Dynamic Remotely Operated Navigation equipment)**	
	Description	The main purpose of this Drone is to fly in a pre-defined trajectory with no assistance from human beings and have photography capabilities and take live aerial video while flying.	
	Screen Shot		
	Completion Year	**2016**	

Department of Computer Science & Engineering

S.NO	ITEM	DESCRIPTION
1	**Project Title**	"Library Login Using I-Card & Biometric System"
	The main objective of this project is to automate the college library. The issue of books and returns can be done using Barcode scanner or Biometric System technology.	
2	**Project Title**	"Online Help Desk Through Android"
	The main aim of this android based mobile application is to provide complete details about the college such as courses, college facilities, statistics and route map to the college etc. It's also provides alert messages regarding placements ,important circulars and training programs.	

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.

In the beginning of every academic year nearly 5-10% of the departmental budget is planned for research activity.

- The major heads of expenditure of research are on the purchase of advanced equipment, books, journals and also for organizing workshops, training programmes, seminars and conferences.

- Faculty members are provided with registration charges, travel expenditures and incentives for their publications in reputed journals.

S No	Project	Name of the Student	Guide	Cost
1	Tripod Robort	M. Kranthi Kumar (2009-2013)	G.Vasu	8000
2	Automatic Solar Tracking System with Parabolic Reflector	S.Geetha (2009-2013)	A V S Varma	8000
3	Real Time Automation of Agriculture Environment	G S Nagendra Kumar (2009-2013)	T.Sreenivasa Rao	6000
4	Ultrasonic Distance meter	O S V Surekha (2009-2013)	T.Sreenivasa Rao	6000
5	Automatic Finger Gripper	D Srividya (2009-2013)	S Varaprasad Babu	6000
6	Moving Message Display through GSM Technology	P Rajamani (2011-2015)	S Varaprasad Babu	10000
7	Design of Rectangular Mircrostrip antenna for Blue tooth application	P.KrishnaPriya	TVVB Phani Kumar	5000
8	Cell phone base voting machine	V V Venkata DurgaDevi	R AnilKumar	8000
9	Automatic Energy meter Reading using GSM	D PhanisriPriya	G Vasu	8000
10	Anti theft control system using GSM/GPS	C V V Ratna Teja	M S Mallika	8000
11	Matlab Controlled Robot	T Ranga Pradeep	N V S S Ramaraju	10000

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?

The institute has a provision for seed money to the faculty for research and participation in research activities like workshops/seminars/symposium. The institute bears all the expenditure, including boarding, lodging and registration fee, for these events.

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

Full or partial financial support is made available to students to develop innovative projects. Also financial assistance is provided for the students to participate in the project contests across the country.

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

The Institute has been conducting B.Tech, M.Tech programs , and there is provision for research work for inculcation of research aptitude in the students. The institute takes several initiatives like interdisciplinary seminars on current relative and burning issues in Electronics & Communication, Power Engineering, Computer & Software engineering, Structural and Machine Drawing in Mechanical engineering for students of Final Year B. Tech and M. Tech .

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

Library facilities and its conducive environment encourage and motivate the staff and students to take forward steps in pursuing research in their relevant fields of interest .The institute has purchased NPTEL Videos and installed in the LAN. The institute has a well-stocked library which includes latest syllabi as well as reference books of all relevant subjects and disciplines, and the institute is always eager to purchase new editions of books every semester.

- R & D Center, Library, Internet, LCD Projectors and laboratories.
- To present research papers/ project by the student and faculty collectively
- Extended library hours to staff and student with separate space to study
- Research journals, subscription to e-journal
- Wi-Fi Enabled campus

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.

No

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.

Faculty members are encouraged to apply for Projects from agencies like UGC and AICTE. The information about the notification by these agencies is passed to the departments. They are also encouraged to interact with the industries nearby to identify the consultancy requirements.

3.3 Research Facilities

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

- Research lab with MATLAB , Xilinx, Mentor Graphics software
- Internet connectivity on the campus
- Computers to all the departments
- Well-equipped central library
- Provision of the facility of DELNET
- Subscription to e-journal and easy access
- Seminar/ Conference Hall

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?

User-friendly infrastructural facilities are available in the campus with hi-end library, Canteen, in-campus Boys and Girls hostels, Guest room, 24 hours security, well equipped laboratories, Girls' common room, lavatory etc. Institution has provided a separate room for the research activity. A separate Research and Development Cell has been established with a professor as head to facilitate research and promote research culture among the students and faculty. Attempts are on to invite and involve industries in the state and outside for financial support. The faculty and students regularly visit the industries to get acquainted with industrial problems.

Faculty members are encouraged to

- Do Ph.D work
- To take up Major and Minor research projects
  Participating in up-grading programmes viz. Seminars, Workshops, conferences and publish their research work in journals
- Establish more MOUs with industries, academic institutions and research centers.

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.

No

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

- Research scholars whose supervisors are in other institutions are allowed to avail the research facilities available in that institution E.g.: JNTUK, SRKR, Geetham University, and Andhra University.
- UG and PG students are encouraged to do their final year project work at industries & Research organizations like Steel Plant Vizag, AP International Paper Mill, Rajahmundry BSNL, GVK Power Plant Rajahmundry etc.

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

The central library is fully computerized by automating the issue of books with barcode reader. The college subscribes to most of the major technical journals including Indian Academy of Sciences, NISCAIR, IETE, CSI, ISTE Claro and I-Manager and e-journals from J-Gate and DELNET etc. useful for researchers in various departments. Moreover NPTEL digital contents are also available for more than 200 subjects on intranet. Besides central library, there are libraries in each department with ample number of books, magazines and journals for easy access. On special request from the research scholars, books required for research are made available and the library facilities can be availed for extended hours.

- Total No. of National Journals – 68
- Total No. of. Magazines – 14
- J-Gate and DELNET e-journals (National/International) -5,065

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.

Efforts are being made to create collaborative research facilities in the college campus. The following infrastructure exists in the college, which are being utilized effectively by the faculty members and students from time to time.

- All the Departmental Laboratories,
- Library and e-Learning contents,
- Computers with intranet & internet facility.

3.4. Research Publications and Awards

3.4.1 Highlight 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

- Mechanical Engineering Department has fabricated and manufactured 10 General purpose projects like Human Powered Quadra Cycle, Air Engine, All Terrain Vehicle and Solar Powered Refrigeration.

- ECE Dept has fabricated and manufactured five general purpose Digital trainer kits for labs in CSE and ECE department and also designed, Automatic Energy Meter Reading using GSM, Anti theft control system using GSM/GPS.

- Research studies or surveys benefiting the community or improving the services

    To assess the level of computer literacy among masses of nearby villages, and to take necessary actions, faculty members are working in Image Processing to develop new algorithms which can lead to development in medical diagnosis equipment. Services can be offered to patients at cheaper cost. Computer science and engineering department developed the school automation project.

- Research inputs contributing to new initiatives and social development

- Design of Power Optimized QCA Comparator Architecture for Fast Binary Comparison

- Power Efficient Add Multiplier Operator Realization using Modified Booth Decoder and Spanning Tree Adder

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?

Nil

3.4.3   Give details of publications by the faculty and students:

- Publication per faculty: 2 (approximately).
- Number of papers published by faculty and students in peer reviewed journals (National/international): 107
- 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.): 70

Publications:

Department of Civil Engineering

SL. No	Name of the Faculty	Title of the paper	National / International Journal	Published
1	Dr.K.Harikrishna	Land use and land cover mapping analysis through RS & GIS Techniques	IJAH	JAN &APRIL-2011
2	Dr.K.Harikrishna	A study on salt water intrusion around kollerulake, AP, India	IJET	JUNE-JULY 2012
3	Dr.K.Harikrishna	Hydro geological and geo physical studies for delineation of fresh water source in the paleobeach ridges around Kollerulake.	IJETT	2013
4	Dr.K.Harikrishna	Patterns of crop concentration and diversification in Vizianagaram district of A.P	IJMER	JAN-2013
5	Dr.K.Harikrishna	Land use land cover patterns in and around kollerulake by using RS and GIS techniques	IJRSG	MARCH-2013
6	Dr.K.Harikrishna	Urban ground water quality assessment.	IJESI	MAY-2013
7	Dr.K.Harikrishna	Assessment of ground water quality in and around kollerulake	E-IJCR	2013
8	Dr.K.Harikrishna	Geomorophological studies of yerrigedda catchment area using RS and GIS techniques	IJCSEIERD	AUG-2013
9	Dr.K.Harikrishna	An integrated approach for environmental impact studies on soil erosion in Vamsadhara river basin	IJAR	JULY-2013

10	Dr.K.Harikrishna	Morophometric analysis of the Vamsahara river basin using spatial information technology	IJCSEIERD	AUG-2013
11	Dr.K.Harikrishna	Solpe studies of Vamsahara river basin, a quantitative approach	IJEIT	JULY-2013
12	Dr.K.Harikrishna	Land use and land cover analysis through RS & GIS Techniques , a case study in vizianagaram district	IJETAE	OCT-2013
13	Dr.K.Harikrishna	Study on spatial distribution of ground water quality in Vizianagaram district of A.P	IJSET	2014
14	Dr.K.Harikrishna	Delineation of ground water potential zones in GVMC.	IJISET	JUNE-2014
15	Dr.K.Harikrishna	Studies on land uesand land cover and change detection of G.Madugula Tribal mandal of viskhapatnam district.	IJARSE	SEPT-2014
16	Dr.K.Harikrishna	Hydro chemical analysis and evaluation of ground water quality in part of Krishan district using RS and GIS	IJER	
17	Dr.K.Harikrishna	Studies on land uesand land cover and change detection of G.Madugula Tribal mandal of Visakhapatnam district.	IJAR	SEPT-2014
18	Dr.K.Harikrishna	Morphometric analysis of sub-water sheds in the G.Madugula mandal of Visakhapatnam district. Using RS and GIS techniques.	IJESE	JUNE-2015
19	Dr.K.Harikrishna	Storm water management through artificial recharge of aquifers in the Urban environment		
20	Dr.K.Harikrishna	Analysis of crop combination in Vizianagaram district	JEGS	
21	Dr.K.Harikrishna	Integrated methodology for Delineation of Sea water Intrusion zones between Kolleru lake and Bay of Bengal coast, AP, India.		
22	Dr.K.Harikrishna	Prioritization of sub water sheds for sustainable development of G.Madugula tribal mandal, AP a Geospatial approach		
23	Mr.K. Raju	Seismic analysis and design of high rise irregular structures and regular structure by using staadpro.	IJSART	December-2015

Department of Electrical and Electronics Engineering

S.No	Name of the Faculty	Title of the paper	National / International Journal	Published
1	K.V.V.BAPIRAJU	Load Frequency Control Of Multi Area Multi Source Deregulated Power System	NCCTET/2014	11th October/2014
2	A.V.C.JANAKIRAM AYYA	Simulation Of Interline Power Flow Controller (Ipfc) To Control Active And Reactive Power Flow In A Multi Transmission Line	NCCTET/2014	11th October/2014
3	P.VENESWARARAO	A Novel Conversion Of Three/Phase Supply To Five/Phase Supply Using A Special Transformer Connection	NCCTET/2014	11th October/2014
4	P.S.V.SUBRAHMAN YAM	A Novel Conversion Of Three/Phase Supply To Five/Phase Supply Using A Special Transformer Connection	NCCTET/2014	11th October/2014
5	A. VEERRAJU	Damping Of Torsional Oscillations In TURBINE – GENERATOR SET USING GATE CONTROLLED SERIES CAPACITOR (GCSC)	NCCTET/2014	11th October/2014
6	K. JAYAKARABABU	Damping Of Torsional Oscillations In TURBINE – GENERATOR SET USING GATE CONTROLLED SERIES CAPACITOR (GCSC)	NCCTET/2014	11th October/2014
7	V.VINOD	A Novel Pi And Fuzzy Logic Controller Based Shunt Active Power Filter For The Mitigation Of Power System's Current Harmonics	NCCTET/2014	11th October/2014
8	K.SRINUBABU	A Novel Pi And Fuzzy Logic Controller Based Shunt Active Power Filter For The Mitigation Of Power System's Current Harmonics	NCCTET/2014	11th October/2014
9	CH.SUNITHA	D/Statcom	NCCTET/2014	11th October/2014
10	Y.K.CHAITHANYA	D/statcom	NCCTET/2014	11th October/2014
11	P. GOWTHAMI	Power quality improvement with a zig/zag transformer for current compensation in a three phase four wire distribution system	NCCTET/2014	11th October/2014

12	A.V.C Janakiramayya, A.Veerraju	Tuning *of* PSS and AVR using Genetic Algorithm to improve dynamic response of power system	IJAIEM	Volume 4, Issue 7, July 2015
13	K.V.V.Bapi Raju, Vinod Vara P.S.V.Subrahmanya m	Design and Simulation of DC-DC Converter Connected to a Photovoltaic Array with MPPT Controller	IJAREEIE	Vol. 5, Issue 6, June 2016
14	K.V.V.Bapi Raju	Simulation of Photo Voltaic Cell Based DSTATCOM for Power Quality Improvement	International Journal of Research	August 2016

Department of Mechanical Engineering:

SL.No	Faculty /Staff Name	Title of the Paper	Events / Journals / Publisher
1	Dr.M.Sreenivasa Kumar	Digital manufacturing- overview	NCCTET-2014
2	V.Subrahmanyam	Nanoash for nano composite applications	NCCTET-2014
3	V.Subrahmanyam	Fluid flow analysis through venturi	NCCTET-2014
4	V.Subrahmanyam	Performance testing of venturi tubes	NCCTET-2014
5	V.Subrahmanyam	Synthesis and Ramar scattering characterization of nano rise husk ash	ICONSEA – 2014
6	V.Subrahmanyam	CFD analysis of heat exchanger	IJRET
7	V.Subrahmanyam	CFD analysis of venturimeter	IJRET
8	V.Subrahmanyam	CFD analysis of orifice meter	IJRET
9	V.Subrahmanyam	Design and analysis of transmission case	IJSET
10	V.Subrahmanyam	Design of TRI car	IJAIR
11	V.Subrahmanyam	Fabrication of TRI car	IJTEEE
12	k.Balaji	Calibration of the DP- 780 sheet	NCCTET-2014
13	T.Siva prasad	Performance of fins of motor cycle	NCCTET-2014
14	K.Tejaswee	Performance of fins of motor cycle	NCCTET-2014
15	Y.Anasuya	Agro based natural fibers composite leaf spring	NCCTET-2014
16	V.Srividhya	Agro based natural fibers composite leaf spring	NCCTET-2014
17	P.srinivas	optimization cutting tool life	NCCTET-2014
18	A.V.Sridhar	Manufacturing of thermoplastic material	NCCTET-2014
19	M. Veera Raju	Electrical discharge grinding	NCCTET-2014
20	K Durga Balaji	Electrical discharge grinding	NCCTET-2014
21	J.L. Prathyusha	Design of Green engine	NCCTET-2014
22	V.S.R.Kishore	Design of Green engine	NCCTET-2014

23	V.Naga Babu	Semi Automated Gear changer	NCCTET-2014
24	Y.N.D. Prasad	Semi Automated Gear changer	NCCTET-2014
25	G.Nagarjuna	Surface roughness in high speed machining	NCCTET-2014
26	K. Prema Kumar	Surface roughness in high speed machining	NCCTET-2014
27	A. Jagadeesh	Ductile fragmantation of rapidly expanding cylinder	NCCTET-2014
28	V.Subrahmanyam	Synthesis and Ramar scattering characterization of nano rise husk ash	ICONSEA – 2014
29	V.Subrahmanyam	CFD analysis of heat exchanger	IJRET
30	V.Subrahmanyam	CFD analysis of venturimeter	IJRET
31	V.Subrahmanyam	CFD analysis of orifice meter	IJRET
32	V.Subrahmanyam	Design and analysis of transmission case	International Journal of Science , engg and tech
33	V.Subrahmanyam	Design of TRI car	IJAIR
34	V.Subrahmanyam	Fabrication of TRI car	IJTEEE
35	M.Srikanth	International journal of latest research in engineering and technology	IJLRET 2015 AUG
36	Dr. D. Ranga Raju	The Integration of CAD CAM and Rapid Prototyping in Product Development(ICMPC)	ELSEVIER 2015

Department of Electronics & Communication Engineering

SL. No	Name of the Faculty	Title of the paper	National / International Journal	Published
1	M J R M Prasad	Design And Implementation Of Hybrid LUT/Multiplexer FPGA Logic Architectures	IJPRES	Dec-16
2	K. Rambabu	Performance Of Adoptive Hold Logic For Aging Aware Reliable Multiplier	IJVDCS	Dec-16
3	G.Vasu	Power and Area Comparative analysis of FIR filter Design.	IJSETR	Dec-16
4	A.V.S.S Varma	Performance evaluation of reliable RRB Based Multiplier.	IJSETR	Dec-16
5	A.V.S.S Varma	Realization of CAM architecture for compression & decompression.	IJSETR	Dec-16

6	K. Rambabu	SRAM Design Approach Using Pulsed Latch Based Shift Register	IJTRE	Nov-16
7	K. Satya Rahul	SVD-DWT Based Video Watermarking Technique	IOSR	May-Jun, 2016
8	A.V.S.S Varma	Implementation Of Multi -Channel UART Controller Based On FIFO Technique	STRP	Dec-15
9	K. Rambabu	RTL Design and VLSI Implementation of Convolution Encoder and Viterbidecoder	IJVDCS	Dec-15
10	V Ramadasu	A novel approach for area optimized robust router design Implementation	STRP	Dec-15
11	G.Vasu	Design and Implementation of 32-Bit Floating Point ALU for Math Processor	STRP	Dec-15
12	V.Ajesh Kumar	Implementation of AWMF processed Impulse Noise Immune Data Transmission by Allocation of Power using Particle Swarm Optimization	NCCTET-2014	11th October-2014
13	U.S.B.K.Maha lakshmi	Facial expression recognition and tracking simultaneous.	NCCTET-2014	11th October-2014
14	M.S.Mallika	CMOS Low Power Cell Library for Digital Design	NCCTET-2014	11th October-2014
15	M.Vijaya Bhaskar	Does ADHAAR is secured?	NCCTET-2014	11th October-2014
16	N N S Venkata Rama Raju	An Algorithm for Enhancing the Speech Envelopes of CIS Processor for Cochlear Implants	NCCTET-2014	11th October-2014
17	T.Akhil Dutt	Implementation of AWMF processed Impulse Noise Immune Data Transmission by Allocation of Power using Particle Swarm Optimization	NCCTET-2014	11th October-2014

18	G.Vasu	Design and Implementation of convolution encoder with Viterbi Decoder.	NCCTET-2014	11th October-2014
19	K.Rambabu	CMOS Low Power Cell Library for Digital Design	NCCTET-2014	11th October-2014
20	G.Sattibabu	An Automated Method For Locating Blood Vessels And Optic Disc In Retinal Images	IJIRIAD	2014
21	G.Sattibabu	Automatic Vehicle Speed Control With Wireless In-Vehicle Road Sign Delivery System Using ARM 7	IJTEEE-2014	2014
22	B.V.V.Satyanarayan	Irrigation In Agriculture And Controlling Through Wireless Embedded System	IJTEEE-2014	2014
23	DR.I.Sreenivasa rao	CAM design for high speed and low power processors	IEEE-ICRDPET	2013
24	DR.I.Sreenivasa rao	A Survey on the critical components of low power VLSI circuit design	CCI	2013
25	G.Vasu	Arm-7 based semi autonomous vehicle.	IJRRCCT	Sep-12
26	Dr.K.Soloman Raju	Implementation of Dynamic Reconfigurable Audio Player and Spectrum Analyzer	IJCA	Sep-12
27	DR.I.Sreenivasa rao	reduction of power dissipation in logic circuits	IJCA	Jun-11
28	Dr.K.Soloman Raju	Implementation of Dynamically Reconfigurable Systems on Chip with OS Support	IJCA	Jul-12
29	DR.I.Sreenivasa rao	low power and high speed architecture for 32-bit ALU design	JICT	Jun-11
30	DR.I.Sreenivasa rao	Reduction of power dissipation in static random access memory	NCSCV	May-11

31	Prof K.S.N Rao	linux based automatic controller for controlled atmosphere stotage	NSIAE	2006
32	Prof K.S.N Rao	online remote monitoring of fermentation process	NSIAE	2006
33	Prof K.S.N Rao	intelligent system for monitoring and control of fermentation process in CTC tea manufacturing	ISITSSDTI	2005
34	Prof K.S.N Rao	design and implementation of controlled atmosphere storage system for fruits	EEFOST	2005
35	Prof K.S.N Rao	virtual system for concurrent monitoring and control of multiple controlled atmosphere chambers	NSC	2005

Department of Computer Science and Engineering

Academic Year (2014-15)

S.No	Name of the Faculty	Title of the paper	National / International Journal	Published
1	Dr.R. John Mathew	An Advanced Anti Phishing Approach Based On Two-Tier validation	International Journal of Research in Computer and Communication technology	Sept 2014, Vol.3, Issue9
		Anonymization of Centralized and distributed Social Networks by Sequential Clustering	International Journal & Magazine of Engineering ,Technology, management and Research	Dec 2014, Vol.1, Issue 12
2	Dr.B.N.Jaga deesh	Virtual Servers Allocated Dynamically With Support of Dps for Saving Energy and Reducing Operational Cost	International Journal of Emerging Trends in Science and Technology	Volume1, Issue.10, pp.1604-1609, 2014
		Intervehicular Communication Using Mobile Adhoc Network	International Journal & Magazine of Engineering, Technology, Management and Research	Volume.1, Issue.No.12, pp.687-690, 2014.
		Data Mining: A prediction for Student's Performance Using Decision Tree ID3 Method	International Journal of Scientific & Engineering Research	Volume 5, Issue 7, pp.1329-1335, 2014

3	Dr.M.Kondal a Rao	Software Co –Design of Pell's Equation with Jacobi Symbol for SSL Protocol Execution	International Journal of Emerging Trends & Technology in Computer Science	Vol 4 Issue 1,Feb-2015
		A Method for obtaining Digital Signatures and public key cryptosystems using Pell's Equation with Jacobi Symbol	International Journal of Advancements in Research & Technology	Vol 4 Issue 2,Feb-2015
		Public key cryptosystem based on Pell's Equation with Jacobi Symbol	International Journal of Applied Scinece and Engineering Research	Vol 4 Issue 2,Feb-2015
4	B. Srinivas	An Approach to Knowledge Discovery by Data Harvesting	International Journal of Science Engineering	Vol 2, Issue 10, October – 2014
5	R.Praveen Kumar	Filtered Wall: An Automated System to Filter Unwanted Messages from OSN User Profiles	International Journal of Research in Computer and Communication Technology	Vol 3, Issue 9,September – 2014
		Proficient Techniques For The Enhancement Of Horizontal Aggregations In SQL	International Journal Of Engineering And Computer Science	Volume 4 Issue 1 January 2015
6	D.Chandra Mouli	Capturing User Intentions With High Probable Search Criteria Using Search Histories	International Journal of Research in Computer and Communication Technology	Vol 2 no 6 2014
7	M.Rama Krishna	Preserving Confidentiality through Public Auditing In Secure Cloud	International Journal of Research in Computer and Communication Technology	Vol 3, Issue 10, October – 2014
8	SNVSSST MURTY	Neighbor Position Verification protocol with spontaneous in Mobile Ad Hoc Networks	International Journal & Magazine of Engineering, Technology, Management and Research	Volume No: 1, Issue No: 12 (December) 2014
		The algorithm of (t, ∞) Opt PrVC scheme Implementation within Dynamic Group for Secure Data Access	International Journal & Magazine of Engineering, Technology, Management and Research	Volume No: 1(2014), Issue No: 12 (December)
9	V Sai Priya	USAGE OF ROAD SIDE ACCESS POINTS TO COOPERATIVE DOWNLOAD IN VEHICULAR ENVIRONMENTS	International Journal Of Advanced Research and Innovation	Vol.7, Issue .I, June 2014

10	V Venkanna	Multi-Owner Data Sharing by using Three-dimensional security pattern in cloud computing	International Journal & Magazine of Engineering, Technology, Management and Research	Volume No: 1(2014), Issue No: 12 (December)
		Password Management System Using Cryptography Using Salt Technique	International Journal of Emerging Trends & Technology in Computer Science	Volume 3, Issue 1, January – February 2014

Academic Year (2015-16)

S. No	Name of the Faculty	Title of the paper	National / International Journal	Published
1	Dr.R.J.Mathew	A Study on Big Data analysis Environment	International Journal of Science Engineering and Advance Technology, IJSEAT	Nov2015 Vol. 3, Issue 11
		Nice A New Framework For Improving Attack Detection In Cloud	International Journal of Mechanical Engineering and Computer applications	Jan-feb 2016 Vol.4, No.1
2	Dr.B.N. Jagadeesh	Comparative Study of Model based skin colour segmentation algorithms	ICRTRICSE-2015, Andhra University, Visakhapatnam	May, 2-3, 2015
3	B. Srinivas	Data Access Scheme to Probabilistically Coordinate Multiple Caching Nodes	International Journal of Research in Computer and Communication Technology	vol-4,Issue-12, Dec-2015
4	R.Praveen Kumar	Quality Of Service And Load Balancing For Data Center In Cloud	International Journal of Research in Computer and Communication Technology	Vol. 4 Issue 11, November, 2015
		Cost-Effective Support Sharing of Overlay Routing Relay Nodes	International Journal of Research	Volume 02 Issue 12 December 2015
		Privacy and Social Security Mechanism Log Based Web Data	International Journal Of Research In Engineering And Intellectual Computing	P-ISSN 2455-0825 Vol.01, Issue.01, Nov'15 to Dec'15

5	V.Venkanna	Best Level of Data Confidentiality for any Data base Using Adaptive Encryption architecture	IJREIC	
6	D.Chandra Mouli	A Rule Based System to Support Content Based Filtering in OSN User Walls	IJMECA	Vol. 4, No. 1, Jan- Feb 2016
7	M.Rama Krishna	Efficient And Secure Data Retrieval Methods Using CP-ABE and KP-ABE	International Journal of Research in Engineering and Intellectual Computing	vol-1,Issue-1,Nov-Dec-2015
7	M.Rama Krishna	Optimized Coefficients of Interpolation Filter To Adapt Statistical Property of Each Image	International Journal of Science Engineering and Advance Technology	ISSN 2321-6905 December-2015
8	SNVSSST MURTY	A New Approach to Data Authentication in Cloud Storage	International Journal of Science and Research	Vol-4,Issue-11,Nov-2015
9	Y.Yesu Jyothi	Maximizing Revenue and Guaranteed QoS Services for Auction Schemes	International Journal Of Research In Engineering And Intellectual Computing	P-ISSN 2455-0825 Vol.01, Issue.01, Nov'15 to Dec'15
10	V Venkanna	Best Level Of Data Confidentiality For Any Database Using Adaptive Encryption Architecture	International Journal Of Research In Engineering And Intellectual Computing	P-ISSN 2455-0825 Vol.01, Issue.01, Nov'15 to Dec'15

Lab manuals

Department of Civil Engineering

S No.	Name of the lab	Name of the Faculty
1	Surveying	B Subhanramji
2	Strength of materials	R Kirankumar
3	Geo technical engineering	M Sridevi
4	Engineering geology	T Sravyamadhavi
5	Waste water engineering	D Dileep
6	Concrete technology	V N kalyani
7	Transportation engineering	B Sivaganesh raja
8	Fluid mechanics and hydraulics	A Swethaasri

Department of Electrical and Electronics Engineering

S No.	Name of the lab	Name of the Faculty
1	Electrical Circuits	A.V.C.JanakiRamayya
2	Control Systems	P.Veneswararao
3	Power Electronics	A.Veerraju
4	Electrical Machines – I	K.Jayaram
5	Electrical Machines – II	K.V.V.BapiRaju
6	Electrical Measurements	P.S.V.Subrahmanyam
7	Basic Electrical And Electronics	K.JayakarBabu
8	Networks And Electrical Technology	P.Gowthami
9	Electrical Simulation	V.Vinod

Department of Mechanical   Engineering

S No.	Name of the lab	Name of the Faculty
1	Engineering Work shop	A.Jagadish
2	Production Technology	G.GopalaRao
3	Thermal Engineering	M.R.K.Choudery
4	Machine Tools Lab	P.Srinivas
5	Metrology lab	l.Venkatesh
6	instrumentation labs	B.S.S.Sankar
7	Mettalargy and materils lab	M.Mounika
8	Simulation lab	G.GopalaRao/M.R.K.Choudery

Department of Electronics and Communication Engineering

S No.	Name of the lab	Name of the Faculty
1	Electronic Devices Circuits	MJM Prasad
2	Digital Communications	V.Ramadasu
3	Analog Communications	CH Bhavani
4	Microprocessors And Microcontrollers	G.Vasu
5	IC Application	M. VijayaBhaskar
6	Digital Signal Processing	K.S Rahul
7	Microwave & Optical Communication	P Swarnalatha
8	Electronic Computer Aided Design	M S Mallika
9	Pulse and Digital Circuits	G .Sattibabu
10	Electronic circuit analysis	K Ramababu
11	VLSI	M S Mallika
12	Digital logic design	B.kalyankumar

Department of Computer Science and Engineering

S No.	Name of the lab	Name of the Faculty
1	Data Structures	M Kiran Kumar
2	OOPS Through C+	M. Ramakrishna
3	C/ programming	B N. Jagadeesh
4	OS & Linux	D V Subbaraju& Murthy
5	DBMS	B.Srinivas
6	Mobile Computing	P.P.N.G. Phanikumar
7	UML &DM	D. Chandramouli

Award received by students & faculty:

Department of Civil Engineering:

Sl. No.	Student Reg. No.	Fest	Event	Venue	Prize
1.	136N1A0111	Prathista 2K16	PROJECTS EXPO	JNTU V	1St
2.	136N1A0121	Prathista 2K16	PROJECTS EXPO	JNTU V	1St
3.	136N1A0124	Prathista 2K16	PROJECTS EXPO	JNTU V	1St
4.	136N1A0127	Prathista 2K16	PROJECTS EXPO	JNTU V	1St
5.	146N1A0145	Tech Fest 2K15-	PROJECTS EXPO	SIET	1St
6.	146N1A0104	Tech Fest 2K15-	PROJECTS EXPO	SIET	1St
7.	146N1A0147	Tech Fest 2K15-	PROJECTS EXPO	SIET	1St
8.	146N1A0117	Tech Fest 2K15-	PROJECTS EXPO	SIET	1St
9.	146N1A0145	Tech Fest 2K16-	PROJECTS EXPO	SIET	1St
10.	146N1A0140	Tech Fest 2K16-	PROJECTS EXPO	SIET	1St
11.	146N1A0127	Tech Fest 2K16-	PROJECTS EXPO	SIET	1St
12.	146N1A0147	Tech Fest 2K16-	PROJECTS EXPO	SIET	1St
13.	146N1A0115	Tech Fest 2K16	PROJECTS EXPO	MVN &RVR DEGREE COLLEGE	1St
14.	146N1A0136	Tech Fest 2K16	PROJECTS EXPO	MVNJE & RVR DEGREE COLLEGE	1St

15.	156N5A0107	Engineer's day 2k15	TECHNICAL QUIZ	SIET	2nd
16.	146N1A0149	Engineer's day 2k15	TECHNICAL QUIZ	SIET	2nd
17.	146N1A0104	Engineer's day 2k15	TECHNICAL QUIZ	SIET	2nd
18.	136N1A0121	Super Nova 2K16	BRIDGE IT	SRKR	1st
19.	136N1A0111	Super Nova 2K16	BRIDGE IT	SRKR	1st
20.	136N1A0102	Super Nova 2K16	BRIDGE IT	SRKR	1st
21.	136N1A0127	Super Nova 2K16	BRIDGE IT	SRKR	1st
22.	136N1A0138	Engineers day-2k15-	GROUP DISCUSSION	SIET	1st
23.	146N1A0145	Tech Fest 2K15	EASSY WRITING	SIET	2nd
24.	146n1A0136	Singing Competation 2K16	SINGING COMPETATION	BVC	2nd

Department of Mechanical   Engineering

Students:

S.No	NAME	PROJECT TITLE	DATE AND VENUE	RANK
1	S Ravi Kumar	Gravity Light	RIET On 18,19,20th March	I
2	S Ravi Kumar	Gravity Light	Prasidha Inst of Engg And Tech On 27th March	II
3	G A Ch Phaneendra	Glove Controlled Wheel Chair	Siet On 16th March	II

Department of Electrical and Electronics Engineering

Students:

Sl. No.	Student Name	Year	Event & Venue	Date	Prize
1	D.V.N.S.S.Subhash	II -EEE	PPT, BVC Engineering College, Odalarevu	27/02/15	2nd
2	D.Sindhuja	III -EEE	Project Expo, Regency Institute of Technology, Yanam	18/3/15	2nd
	Ch. Sai Rajesh	III -EEE			
	R. Lavanya	III -EEE			
	P.H.S.P. Kumari	III -EEE			
3	D. Sindhuja	III -EEE	PPT, Prasiddha College of Engineering & Techology	26/3/15	2nd
	CH. Sai rajesh	III -EEE			

4	P. Mahesh	III -EEE	Project Expo, Prasiddha College of Engineering & Techology	26/3/15	1st
	B.Divya Prakash	III -EEE			
	M.N.S.M.V. Subbarao	III -EEE			
	B.K.N.S.S.S.D. Teja	III -EEE			
5	P. Mahesh	III -EEE	Project Expo, VSM College of Engineering	3/3/2015	2nd
	P.Swetha	III -EEE			
	D. Madhuri	III -EEE			
	G. Rupendra	III -EEE			
6	M.N.S.M.V. Subborao	III -EEE	QUIZ, AIMS College of Engineering	30/3/15	1st
	A.D.N.S. Mani kanta	III -EEE			
7	B.K.N.S.S.S.D. Teja	III -EEE	QUZ, AIMS College of Engineering	30/3/15	2nd
	B.Divya Prakash	III -EEE			
	B. Nageswarao	III -EEE			
	B.D.V. Krishna Prasad	III -EEE			
	P. Mahesh	III -EEE			
8	D. Sandeep Varma	III -EEE	Caroms, AIMS College of Engineering	30/3/15	1st
9	T. Ravindhra Puspha Kumar	III -EEE	Caroms, AIMS College of Engineering	30/3/15	2nd
10	P. Srikanth Varma	III -EEE	Volly Ball, AIMS College of Engineering	30/3/15	Winners
	D. Vihari	III -EEE			
11	P. Srikanth Varma	III -EEE	Volly Boll, BVC Engineering college	28/3/15	Runners
	D. Vihari	III -EEE			
12	P. Mahesh	III -EEE	Project Expo, Srinivasa Institute of Engineering & Technology	16/3/15	1st
	J. Madhuri dvya	III -EEE			
	A. Chaitanya	III -EEE			
13	A. Chaitanya	III -EEE	PPT, Srinivasa Institute of Engineering & Technology	17/3/15	1st
	J. Madhri divya	III -EEE			
14	D.V.N.S.S.Subhash	II-EEE	PPT,AIMS College of Engineering	30/3/15	1st
15	D.V.N.S.S.Subhash	II-EEE	Mimicry, Regency Institute of Technology, Yanam	18/3/15	2nd
16	Phani Kumar	II-EEE	Project Expo, Srinivasa Institute of Engineering & Technology	16/3/15	2nd
	Aditya	II-EEE			
	Varaprasad	II-EEE			
	Guptha	II-EEE			
17	P. Srikanth Varma	III -EEE	Volly Ball, Aditya Engineering college	15/3/15	Runners

18	P.Mahesh	III -EEE	Shuttle, AIMS College of Engineering	30/3/15	Runners
	S.Naseeruddin	III -EEE			
19	D.V.N.S.S.Subhash	II-EEE	Greekz 2k15, KIET, Korangi	24/04/15	1st
20	K.Nandini	II-EEE	PPT, SIET, TECH FEST 2K16	18.03.2016	IIIrd
21	N .Pavani	II-EEE	PPT, SIET, TECH FEST 2K16	18.03.2016	IIIrd
22	D.V.N.S.S.Subhash	III -EEE	PPT, SIET, TECH FEST 2K16	18.03.2016	Ist
23	D.V.N.S.S.Subhash	III -EEE	PPT, Pragati Engg. College, Exult 2k16	5-01-2016	Ist
24	D.Sindhuja	IV–EEE	Project Expo, SIET, TECH FEST 2K16	18.03.2016	Ist
	B.Kalyani	IV–EEE		18.03.2016	Ist
	P.Mahesh	IV–EEE		18.03.2016	Ist
	M.Janaki Ramaraju	IV–EEE		18.03.2016	Ist
25	G.Phani Kumar	III -EEE	Project Expo, BVCITS, HORIZON 2K16	06.03.2016	2nd
	B.Pallavi	III -EEE		06.03.2016	2nd
	S.Vinay	III -EEE		06.03.2016	2nd
26	D.V.N.S.S.Subhash	IV–EEE	Medha, Engineers' Day Celebration, PPT, GIET Campus	14.09.2016	2nd
27	D.V.N.S.S.Subhash	IV–EEE	Technoscet-2k16. PPT, SCET	01.10.2016	2nd

Department of Computer Science and Engineering

S.No	Name of the Students	Awards/ Recognition	Remarks
1	K.S.S.Aditya	First Prize	Paper Presentation at SANKALPA 2K14 on 21st & 22nd Dec 2014 at Swarnandhra College of Engineering & Technology, Narsapur.
2.	K.S.S.Aditya	First Prize	Paper Presentation at TECHNOSCET 2K14 on 25th & 26th Dec 2014 at SRKR Engineering College, Bhimavaram.
3	A.Satya Ramya	Second Prize	Paper Presentation SOUDHA 2K15 on 21st & 22nd Feb 2015 at University College of Engineering, JNTUK, Kakinada.
4	S.Manisha	Third Prize	Paper Presentation MEDHAMILAN 2K15 on 16th and 17th March 2015 at Sri Vishnu Women's college for Engineering,Bhimavaram
5	P.Kumari Rani, D.VidyaVarshini, B.Krupa Varma, S.Sri Naveen	First Prize	Technical Quiz ,VALIANT 2K16,on 28th and 29th Feb 2016 at Sri Vishnu Institute of Technology, Bhimavaram.
6	S.Sri Naveen	Second Prize	C Programming Contest ,VALIANT 2K16,on 28th and 29th Feb 2016 at Sri Vishnu Institute of Technology, Bhimavaram

7	B.Krupa Varma	Second Prize	Typo Manaic,VALIANT 2K16,on 28th and 29th Feb 2016 at Sri Vishnu Institute of Technology, Bhimavaram
8	P.Kumari Rani	First Prize	Galleria d arte,TechFleet 2K16,4th March 2016 at SRKR Engineering College, Bhimavaram
9	P.L.Supriya, M.Sridevi	First Prize	Paper Presentation at TECHFEST 2K16 on 18th and 19th March at Srinivasa Institute of Engineering & Technology,Cheyyeru
10	M.Bhavana, T Alekhya Reddy	Second Prize	Paper Presentation at TECHFEST 2K16 on 18th and 19th March at Srinivasa Institute of Engineering & Technology.
11	E.Pavan Kumar, S.Anji Reddy	Third Prize	Paper Presentation at TECHFEST 2K16 on 18th and 19th March at Srinivasa Institute of Engineering & Technology.
12	S.Sri Naveen, S.Raju	First Prize	Poster Presentation at TECHFEST 2K16 on 18th and 19th March at Srinivasa Institute of Engineering & Technology,Cheyyeru.
13	M.Prasad Raju, T.R.K.Reddy	Second Prize	Poster Presentation at TECHFEST 2K16 on 18th and 19th March at Srinivasa Institute of Engineering & Technology,Cheyyeru.

Department of Electronics and Communication Engineering

Sl. No.	Student Name	Year	Event & Venue	Date	Prize
1.	K.Tejaswini	III-ECE	Technical Quiz,BVCITS	04/03/16	3rd
2.	K.L.Maidhili	III-ECE	Technical Quiz,BVCITS	04/03/16	3rd
3.	K.L.Maidhili	III-ECE	PPT,JNTUK	27/02/16	Winners
4.	K.L.Maidhili	III-ECE	PPT, Srinivasa Institute of Engineering & Technology	18/03/16	3rd
5.	P.Harshini Devi	IV-ECE	PPT, Srinivasa Institute of Engineering & Technology	18/03/16	1st
6.	Tejaswini	III-ECE	PPT,JNTUK	27/02/16	Winners
7.	K.Tejaswini	III-ECE	PPT, Srinivasa Institute of Engineering & Technology	18/03/16	3rd
8.	K.Tejaswini	III-ECE	PPT,Sri Vishnu Engineering College For Women	08/01/16	3rd
9.	P.HarshiniDevi, K.Jyothi priya	IV-ECE	PPT, Srinivasa Institute of Engineering & Technology	18/03/16	1st
10.	N.S.S.Deepika, S.Sasi Priya	I-ECE	PPT, Srinivasa Institute of Engineering & Technology	18/03/16	2nd
11.	K.L.Maidhili, K.Tejaswini	III-ECE	PPT, Srinivasa Institute of Engineering & Technology	18/03/16	3rd
12.	K.Tejaswini, N.Madhurima	III-ECE	Poster Presentation, Srinivasa Institute of Engineering & Technology	18/03/16	1st

13.	G.B.G.Bhavani, CH.L.Sowmya	II-ECE	Poster Presentation, Srinivasa Institute of Engineering & Technology	18/03/16	2nd
14.	G.Suma, G.komali Ramya	II-ECE	Poster Presentation, Srinivasa Institute of Engineering & Technology	18/03/16	3rd
15.	CH.Lakshmi Sowmya	II-ECE	Group Discussion, Srinivasa Institute of Engineering & Technology	15/09/15	1st
16.	V.Sravani	II-ECE	JAM, Srinivasa Institute of Engineering & Technology	15/09/15	1st
17.	Y.Bhagya Sri	II-ECE	Quiz, Srinivasa Institute of Engineering & Technology	15/09/15	1st
18.	P.T.Deekshith	III-ECE	Quiz, Srinivasa Institute of Engineering & Technology	15/09/15	1st
19.	D.Maha Lakshmi	III-ECE	Quiz, Srinivasa Institute of Engineering & Technology	15/09/15	1st
20.	K.Vaishnavi	III-ECE	Quiz, Srinivasa Institute of Engineering & Technology	15/09/15	1st
21.	CH.Gopi Krishna	III-ECE	JAM, Srinivasa Institute of Engineering & Technology	15/09/15	3rd
22.	P.Harshini Devi	IV-ECE	GD, Srinivasa Institute of Engineering & Technology	15/09/15	2nd
23.	YBSSSL.Aparanjitha	IV-ECE	Quiz, Srinivasa Institute of Engineering & Technology	15/09/15	2nd
24.	K.Tejaswini	III-ECE	PowerPoint Presentation,V.S.Lakshmi Engineering College For Women	14/09/15	1st
25.	K.Tejaswini	II-ECE	PPT, Srinivasa Institute of Engineering & Technology	05/07/14	1st
26.	K.S.Lalitha	III -ECE	PPT, Srinivasa Institute of Engineering & Technology	21/03/14	2nd
27.	P.Harshini Devi	III -ECE	PPT, AIMS College of Engineering	27/03/14	1st
28.	V.Navya	III -ECE	PPT, AIMS College of Engineering	27/03/14	2nd
29.	R.D.Sunitha	III -ECE	Mini Project,Srinivasa College of Engineering & Technology	16/03/15	Winners
30.	G.C.U.Padmini	III -ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	Runners
31.	G.C.U.Padmini	III -ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	1st

32.	R.S.Srikala	III -ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	1st
33.	R.Srikala	III-ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	1st
34.	A.Maheswari	III-ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	2nd

*Monographs: NIL

*ChapterinBooks: NIL

*BooksEdited: NIL

*BookswithISBN/ISSNnumberswithdetailsofpublishers: NIL

*CitationIndex: NIL

*SNIP :NIL

*SJR: NIL

*Impact factor : NIL

*h/index :NIL

3.4.4   Provide details (if any) of

❖   Research awards received by the faculty: NIL

❖   Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally :

1. Prof.K.S.N.Rao, IETE Life Member

2. K.V.V.Bapi Raju, Associate Professor, Has Membership in ISTE (Life Member) – Lm 51768

3. V.Ramadasu, Associate Professor, Has Member Ship in IETE (Life Member)

Incentives given to faculty for receiving state, national and international recognitions for research contributions:

In order to promote research activities in the institute the administration has introduced incentives (in terms of financial rewards) for outstanding research publications and research contributions recognized by National/ International level organizations.

3.5 Consultancy

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

Institute-Industry interaction, in collaboration with R&D Cell and Career Guidance, Training and Placement Cell, lists the current technologies in production as well as R&D stage in the industry. Programs have been conducted to disseminate this information and classify

domains as per the available talent within the institution. A set of meetings with different identified sectors of industry have been conducted to showcase skills and equipment and software available in the institution, projects undertaken. And it also seeks feedback from various industries about their requirements.

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

- Consultancy with Industries along with the strength that resides in defining problems from its fundamental and theoretical levels will result in a superior product. This relationship is mutually constructive as both the consultancy and industries keep track of the latest happenings in their relevant fields.

- The institution provides cost free consultancy for social development by extending our resources and support. The list of such kind of consultancy is provided below.

S.No	Name of the Event	Work carried out for	Dates
1.	Automation of College Daily Activities	Madhu College of Elementary Education, VSP	25-12-14
2.	Development of Website	Sri Kshanamukteswara Swamy Temple, Mukteswaram	17-11-2016
3.	Development of Website	Sri Mukteswara Swamy Temple, Mukteswaram	22-11-2016
4.	Volume Calculation of hill	Royal Consultancy, KKD	12-01-2017
5.	Land Survey	Royal Consultancy, KKD	02-02-2017
6.	Convention Hall	Royal Consultancy, KKD	28-02-2017
7.	Land Survey	Royal Consultancy, KKD	10-03-2017

- The policy of the institution has always been to create awareness among the teaching and non-teaching staff in emerging technologies. The available expertise is advocated by conducting training programs which involve staff of concerned domain.

- This Policy is advertised through Institutional Newsletters and Blogs which act as an open source for any student to download and upload technical data.

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

The institution encourages the staff by permitting them to impart learning apart from the ongoing curriculum after college hours at their premises and allows them to visit

other colleges for conducting various technical workshops and programs.

- Our faculty experts are encouraged to utilize the infrastructure to raise money as consultancy services.
- The available tools and resources in the labs are kept open to be utilized by the students and researchers.

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

Developing business application based customized information systems and network solutions and web based services to brick mortar companies including educational institutions.

Providing knowledge support to peer institutions (Govt. aided/self financed) through invited/guest lectures, course/curriculum design, and question paper setting.

The list of the broad areas and major consultancy services provided by the institution.

S.No	Name of the Staff	Expertise in Domain name	Imparting Knowledge towards
1.	Mr.PPNG PhaniKumar	Office Automation	Web Technologies

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?

The policy of the institution towards the income generated is to improvise and develop the R&D Cell.

- The income generated without utilizing the institute's infrastructure is shared among the institution and the faculty members in the ratio of 1: 9 ratios i.e., 10%: 90%. The Income generated in the institution is always utilized for purchasing consumables for the R&D Cell, electricity charges and miscellaneous.
- The income generated by utilizing the infrastructure is shared among the institution and the faculty members in the ratio of 40%: 60%.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

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

The	Name of the member	Designation	Departme
1	Dr. D.Ranga Raju	Principal	ME
2	M.Venkateswar Rao	Asst.Prof./NSS P.O.	S&H
3	V. Kishor Babu	Asst.Prof.	ME
4	Ch.Yamini Nikhitha	Asst.Prof.	CE
5	K.Suvarna Kumari	Asst.Prof.	EEE
6	K.Rambabu	Asst.Prof.	ECE
7	Y.Yesu Jyothi	Asst.Prof.	CSE
8	E.S.V Subramanyam	Assoc.Prof.	S&H
9	G.Ajay Chandrakya	Student Coordinator	ME
10	K.V.Vyshnavi	Student Coordinators	ECE

NSS volunteers are involved in the following:

1. Environmental Enrichment and Conservation:

- Planting of saplings, their presentation and upkeep
- Creating tree consciousness among the community
- Construction of roads, village streets, drains etc., so as to keep the environment clean
- Popularization of Gober Gas Plants

2. Health, Family Welfare & Nutrition Programmes:

- Programme of mass immunization, Blood Donation by willing NSS volunteers and preparation of an inventory of blood groups of potential blood donors.
- Provision of safe and clean drinking water supply

3. Social Service Programmes:

- Work with the organizations of child welfare
- Work in institutions for the physically challenged and mentally retarded
- Work in orphanages, homes for the aged etc.
- Work in welfare organization for women

4. Production Oriented Programmes:

- Working with people explaining and teaching improved agricultural practices
- Rodent control and pest management
- Weed control

5. Education and Recreation:

- Adult Education (Short-duration programme)

- Work in crèches

- Organization of Youth Clubs

- Programmes including discussion on eradication of social evils

The college has conducted the following programmes

1. Blood donation camp at SIET every year.

2. NSS unit organized the plantation programme in SIET on 5th June 2015.

3. Conducted NSS Special Camp -Youth for Emergency Interventions and Education on January   2014.

4. A 7-day NSS Special Camp held from 31st January to 6[th]February, 2014 in the village of Cheyyeru, katrenikona, EG Dist, Andhra Pradesh. The following is the detailed schedule of the camp:

- January31[st] : Inauguration and Literacy survey starting

- February 1: clean and green

- February 2: Environmental awareness programme (SAY NO TO PLASTIC)

- February 3: Free medical camp

- February 4: Awareness programme for carrier guidance

- February 5: Road repair work

- February 6: Tree Plantation and Closing Function

Figure 1 NSS Volunteers participated in Carrier Guidance

Figure 2 Principal is Donating Medicines to the needy

Figure 3 NSS Volunteers participated in Clean &Green Program   Figure 4   NSS Volunteers participated in Road Repair Work

5. Conducted Blood donation camp at Srinivasa Institute of Engineering &Technology on 26th July 2014

Figure 9:Lions Club volunteers & Other NGO's participated in the Blood Donation Camp

6. Conducted Blood donation camp at Srinivasa Institute of Engineering &Technology on 16th Dec 2015

Figure 5 D.Subba Raju MLA of Mummidivaram participated in the Blood Donation Camp

7. Conducted "INTERNATIONAL DAY OF YOGA" on June 21st 2016

Figure 6Conducted INTERNATIONAL DAY OF YOGA ON June 21st

Figure 7Conducted INTERNATIONAL DAY OF YOGA ON June 21st

8. Conducted VANAM MANAM programme on 28 July 2016 with the caption

 "EACH ONE-PLANT ONE"

Figure VANAM MANAM

9. A 7-day NSS Special Camp held from 14 September to 20 September, 2016 in the village of Potukuru, Ainavalli Mandal, EG Dist, Andhra Pradesh. The following is the detailed schedule of the camp:

- September 14 : Inauguration
- September 15: Road repair work
- September 16: Water tank repair work
- September 17: Environmental awareness programme
- September 18: Awareness programme on sanitation
- September 19: Clean and green and Tree Plantation
- September 20: Free medical camp and Closing Function

Figure 8 Inauguration and clean and green

Figure 9 Inauguration and clean and green

Figure 10 Road repair work.

Figure 11 Road repair work.

Figure 12 Water tank repair work

Figure 13 Water tank repair work

Figure 14 Awareness programme on sanitation.

Figure 15 donotingchairs and fan to the school

Figure 16 Free medical camp

Figure 17 Free medical camp

Figure 18 Free medical camp

Figure 19 Free medical camp

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

National Service Scheme (NSS):

The students are recruited as volunteers based on their consistent academic performance, participation in social/extra-curricular activities in the past. Their voluntary participation is given utmost priority besides the above criteria. The volunteers are allowed to participate in the social activities with prior communication from the NSS Programme Officer of the College. The activities are planned at the start of the academic year by the Committee constituted at the college level. Each volunteer is motivated and allowed to yearly participate for 120 hours of voluntary service for two years, and in addition to this volunteers are monitored so that they contribute in a Special Camp Program with a theme as instructed by JNTUK- Kakinada.

S. No.	Name of the event / Programme	Date	Guest of the Programme	Participants
1	Teachers' day	5-9-2013	Principal	All the students
2	Engineering day	15-9-2013	Director of academics	All the students
3	Anti ragging	28-12-2013	M. Veera Reddy, D.S.P.	Second year students
4	Sankranthi Sambaralu	11-01-2014	Ahmud Ali C.I of Mummidivaram	All the students
5	Say no to plastic	12-01-2014	Ahmud Ali C.I of Mummidivaram	All the students
6	Clean and green	1-02-2014	Principal	NSS students
7	Health camp	3-02 -2014	Village president	NSS students
8	Carrier guidance	4-02-2014	School head master	NSS students
9	Road repair work	5-02-2014		NSS students
10	Gust lecture	6-03-2014	Prof. G.L. Samuel IIT Madras	Mechanical students
11	International woman's day	8-3-2014	Principal	Women students
12	Water Awareness Day	22-3-2014	principal	All the students
13	Carrier guidance	28-3-2014	AkellaRaghavendra	Final year students
14	Learn English earn money	7-4-2014	Ram C.E.O of Animates youps	Final year students
15	Right to vote	16-4-2014	Principal	Final year students
16	World Environment Day	5-6-2014	Principal	All the students
17	Right to Information	26-6-2014	Principal	All the students
18	Blood donation camp	26-07-2014	D. Subba Raju, MLA, Mummidivaram	Interested NSS and final year student
19	Programme on fire safety	4-08- 2014	G. Narayana from kings institute of fire safety	All the students for 7 days
20	Engineers' day	15-09-2014	Prof. DavasisVaze and G.P. Raja Shekar	All the students

21	NSS day	24-09-2014	Principal	NSS students
22	Sankranthi Sambaralu	11-01-2015	D. Subba Raju, MLA, Mummidivaram	All the students
23	26th Road Safety programme	22-01-2015	L. Ankayya D.S.P. of amp	All the students
24	World waters day	22-03-2015	Principal	NSS students
25	Carrier guidance	7-04 -2015	K.V.S.G. Muralikrishna from JNTUK	First year students
26	Anti Ragging programme	12-08-2015	L. Ankayya D.S.P. of amp	Second year students
27	Independence day	15-08-2015	Sri DVNS Varma, Secretary and Correspondent, SIET	All the students
28	Motivational programme	18-08-2015	AkellaRaghavendra	All the students
29	Yoga programme	26-08-2015	Krupalsindhubai from Brahma kumaries	All the Interested NSS and other student
30	Teachers day	5-09-2015	Principal	All the students
31	Engineers' day	15-09-2015	Principal	All the students
32	Swatcha Bharath	24-9-2015	Principal	First year students
33	Conducted Blood donation camp	16-12-2015	D. Subba Raju, MLA, Mummidivaram	Third year students
34	Sankranthi Sambaralu	11-1-2016	D. Subba Raju, MLA, Mummidivaram Ahmud Ali C.I of Mummidivaram	All the students
35	International woman's day	8-3-2016	Principal	Women students
36	Water Awareness Day	22-3-2016	principal	All the students
37	World Environment Day	5-6-2016	Principal	All the students
38	Yoga programme	26-08-2016	Krupalsindhubai from Brahma kumaries	All the Interested NSS and other student
39	Anti Ragging programme	12-8-2016	L. Ankayya D.S.P. of amp	Second year students
40	Independence day	15-08-2016	Sri DVNS Varma, Secretary and Correspondent, SIET	All the students
41	Trirang march	22-08-2016	Sri DVNS Varma, Secretary and Correspondent, SIET	NSS volunteers
42	Teachers' day	5-9-2016	Principal	All the students
43	Conducted Special camp	14-9-2016 to 20-9-2016	A.Sagar, Sarpanch (Pothukurru)	50 NSS volunteers
44	Engineers' day	15-09-2016	Principal	All the students
45	War on mosquitoes	24-09-2016	Principal	NSS students
46	Donated blood on Police Commemoration day	17-10-2016	L. Ankayya D.S.P. of Amalapuram	50 NSS volunteers

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

The institute is highly concerted with its stakeholders i.e. students, parents, staff, alumni and industry.

Students

- SIET values the opinions and needs of our students
- The student representative communicates students' requirements and problems to the respective teacher/HOD/Principal
- Students have freedom to approach the principal during working hours without prior appointment
- Students and alumni have good participation in decision making

Parents

- They are informed about their wards' academic performance and attendance record through letters and phone calls
- Direct interaction of the guardians with the H.O.D. is also encouraged
- Parents of any students are allowed to meet the teacher/coordinators and principal on any day of the week at any time to make any suggestions or complaints

Staff

- SIET organizes regular staff meetings to keep the staff updated about changes and developments in the institute
- Most of the decisions are taken only after consulting the staff during staff meeting

Alumni

- SIET has constituted an Alumni Association with a Faculty in charge
- The association organizes meetings and has regular formal and informal interactions wherein the alumni are free to give their suggestions

Industry

- Evaluate the students through conducting Mock Interviews and industrial visits
- Industrialists visit our campus for Guest Lectures/ Seminars/ Conferences / Workshops/ Placements

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

Every academic year, extension and outreach programmes are planned and executed as per the academic calendar. The college is incessantly organizing a number of outreach activities which relate to academic, Social, Cultural, and Community service.

Tentative NSS plan for the year 2016-17

S.No	Name of the Event	Date	Tentative Budget	Remark
1	World Environment Day	5th June	Rs.2000	
2	World Against Child Labor Day	12th June	Rs.500	
3	World Blood Donors Day	14th June	-	
4	Vanamahotsav Week	1th July-7^{th}july	Rs.5000	
5	World Population Day	11th July		
6	Campaign Against Nuclear Weapons	6th August		
7	Independence Day	15th August	Rs.5000	
8	Teachers' Day	5th September	Rs.5000	
9	International Literacy Day-Week	8th September to 14th September	Rs.6000	
10	NSS Foundation Day	24th September	-	
11	Gandhi Jayanthi	2nd October		
12	International Non-Violence And Peace Day	2nd October	-	
13	World Food Day	16th October		
14	World Aids Day	1st December	Rs.2000	
15	International Volunteer's Day	5th December	-	
16	Human Rights Day	10th December	-	
17	Blood Donation Camp	16th December	Rs.2000	
18	National Youth Day	12th January to 9th January	Rs.2000	
19	Republic Day	26th Jan	Rs.5000	
20	NSS Special Camp	1st February to 7th February	Rs.22500	
21	Water Awareness Day	1st March to 7^{th}march	Rs.1000	
22	Women's Day	8th March	-	
23	World Forest Day	20th March	Rs.1000	
24	World Health Day	7th April	Rs.500	
25	Anti Terrorism Day	21st May		
26	World Tobacco Day	31st May		
27	Fire Prevention Day	13th April	Rs.500	

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

The institution promotes the participation of students and the faculty in extension activities by way of presenting participation certificates and mementos to students and the

faculty. The college is also providing necessary financial assistance to conduct programs such as NSS etc.

Figure 20 Faculty participation in Blood donation

Figure 21 Faculty participation in Clean &Green

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

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 encouragement of higher education to under -privileged communities. The college NSS unit makes survey of the educational, social, economic and psychological matters of the villages around the college.

S.NO	Programme	Number of Students	Location
1	Election Duty	52 Students For Two Days	Katrinkona Mandal
2	Godavari Pushkaralu	50 Students For Seven Days	Kundaleshwaram
3	26th Road Safety	All Mechanical Students	In Our Campus

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 inculcation.

Extension activities conducted by the institute always imbibe academic learning experience, values and skills not only in students but also in the faculty. These activities refresh the environment of the institute as well. The major strength of this college is its ability to ensure holistic development of students and make them enlightened citizens. The college maintains equality among all sections of society in terms of providing knowledge and quality education. It aims to maintain modern outlook with contemporary developments. To provide

knowledge and quality based education to the students the institute inculcates moral values, scientific temper and employs state-of-the-art technologies. It aims to pursue excellence towards creating manpower with high degree of intellectual, professional and cultural development to meet the national and global challenges

Outcome:

Participation in various socially relevant activities has resulted in inculcating in the students the feeling of being socially-awakened citizens. The students who have been a part of this process have been spreading awareness in the institution. They motivate other students to work for the social upliftment and develop their organizing capacities, programme co-ordination skills, social skills, communication skills, and social responsibility. With these extension activities, the students learn the values of social justice, equality and right to speech. Apart from academic knowledge they get to learn the values of life and moral duties towards mankind and significance of various days observed worldwide.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

The College adopted the nearby village Cheyyeru located at katrenikona Mandal in East Godavari District. The college involves the Sarpanch, the members of Gram Panchayat, the V.R.O of the village, and the Panchayat Secretary and invites a few Youth Committees to participate in the extension activities of the college.

All the students are encouraged to join National Service Scheme (NSS). On admission, based on their interest, students shall enroll their names in one of the activities. The training includes classes on hygiene and health awareness and also training in first-aid.

The college also involves Lions Club, Rotary Club and other NGO's for carrying out different extension activities in the surrounding villages.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

The institution has constructive relationships with other institutions of the locality. Blood donation camps & eye camps are organized with the help of reputed hospitals like Govt. Hospitals (G.G.H), Rotary Club, Red-cross, Rotary Blood Bank, etc. The NSS coordinates all its activities within 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 details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

The Red Cross, Government general hospital and Rotary Blood bank have given an appreciation letter for our contribution in Blood Donation.

Figure 22 Certificates of Appreciation are given by the NGO'S

Figure 23 Certificates of Appreciation are given by the NGO'S
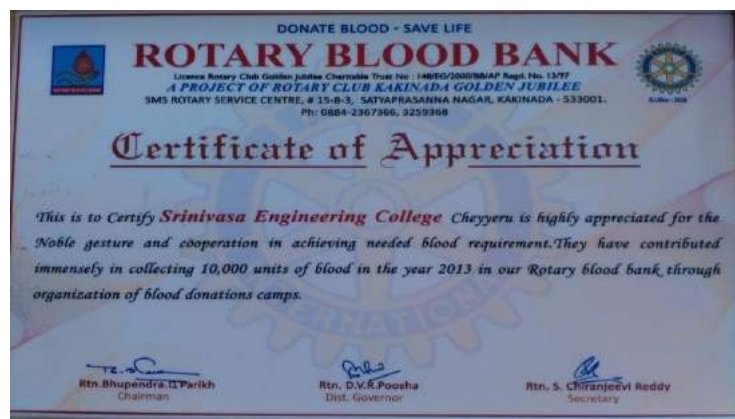
Figure 24 Certificates of Appreciation are given by the NGO'S

3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

The institution collaborates and interacts with research laboratories, institutions of repute and industry for research activities at two levels. At institute level, through formal MOUs with such organization, engagement of professionals for conducting lectures/ seminars/ workshops/ symposiums; and at individual faculty level through informal/ personal liaison

basis with individual academia/ professional from institutions located in AP like JNTUK, AU, SRKR Engineering College etc. and beyond. In both the processes, sharing of knowledge with an interest of creating research orientation, sharing of lab facilities and equipments do take place between two parties. For example, usage of WET lab set up of SRKR Bhimavaram, Department of CE. The benefits accrued of such initiatives by the institute have been satisfying in terms of summer internship opportunities for our students in industry and research labs. Additionally inculcation of research attitude and motivation of doing research, exposure to emerging trends in respective domain of technology, are intangible benefits for orientation of students and faculty minds.

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 institute MOU with

1. Lions club, Tallarevu
2. Vijayanagar bio tech limited, Visakhapatnam
3. APTISOL, Hyderabad
4. TRITON Buildings and Structures Pvt.Ltd., Hyderabad

3.7.3   Give details (if any) on the   industry-institution-community interactions that have contributed to   the establishment / creation/up-gradation of academic facilities, student and staff support,   infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.

NIL

3.7.4   High lighting 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.

S. No	Name of the Academician/ Scientist	Date	Designation, Organization
1.	D.V.Raju	15-8-2009	Former Scientist, ISRO.
2.	Dr.G.S.N.Raju	21-10-2009	Professor of ECE, Andhra University,
3.	Dr. K.Vizaya Kumar	21-10-2009	Former Professor, IIT Kharagpur.
4.	Dr. K.N.Rao	24-1-2010	Professor & Head, Dept. of CSE, PVP Siddhartha Institute of Science &
5.	C.V.Sarveswara	20-3-2010	President, Konaseema Science Parisath,

6.	Dr. C.Dhanvantari	20-12-2010	Group Leader, CEERI, Pilani.
7.	G.Vijaya Anand	6-3-2011	Senior Vice-President, HCL Technologies
8.	R.Suriya	25-3-2011	Principal, Dr. B.R.Ambedkar Polytechnic,
9.	M.Pradeep Kumar	25-3-2011	Lecturer, CSE Department, Dr. B.R.Ambedkar Polytechnic, Yanam
10.	Ram Indukuri	17-8-2011	Chairman & CEO, Innvoative Apps. Inc., Atlanta, G.A., USA.
11.	R.Rangarajan	5-11-2011	Vice-President (HR), SICAL Logistics,
12.	V.Subba Rao	27-8-2012	Project Manager, IBM
13.	I.N.V.S. Ram Kumar	13-4-2013	Sr.Software Engineer (IOS Developer)
14.	Naresh Kumar	21-11-2013	Software Engineer, Glansa Solutions
15.	N.Kiran Kumar	18-4-2014	Software Engineer, Context Technologies
16.	Kiran Kumar	13-5-2014	Software Engineer, Sneha Software
17.	Dr. K.Raja Sekhara	21-7-2014	Inaugural Session of CSI student chapter
18.	Dr. M.V.Rama Sundari	26-7-2014	Resource Person for Work shop on Current Research Trends in Adhoc Networks and
19.	Prof. P.suresh Varma	26-7-2014	Resource Person for Work shop on Current Research Trends in Adhoc Networks and
20.	Ch.V.Raghavendran	26-7-2014	Resource Person for Work shop on Current Research Trends in Adhoc Networks and
21.	G.Naga Satish	26-7-2014	Resource Person for Work shop on Current Research Trends in Adhoc Networks and
22.	Dr.Srinivasa Rao	14-8-2014	Entrepreneurial Orientation – Insight for budding Entrepreneurs
23.	K.Vasantha Rao	11-9-2014	CEO, Kimberlite IT Pvt. Ltd., Hyderabad
24.	Dr. A.Gopala Krishna	27-9-2014	National Conference on Current Trends in Engineering and Technology-2014
25.	Mr.K.Deva Rajulu	21,22-11-2014	C Programming
26.	Mr. Sonu Tyagi	10-1-2015	Maintec Technologies Pvt. Ltd, Noida
27.	Prof. V.S.S.Kumar	10-6-2015	Vice-Chancellor, JNTUK, Kakinada
28.	Dr.S.Srinivasa Kumar	10-6-2015	Director, Research & Development, JNTUK,
29.	Mr. O.Ramesh	24-7-2015	Cloud Computing
30.	Mr.T.Pavan Kumar	29-10-2015	Morn Technologies, Kakinada
31.	Mr.C Goutam Reddy	23-12-2015	Lead Program Manager,Microsoft
32.	Dr.R.N.V.Jagan Mohan	24-09-2016	Professor, Dept of CSE ,Swarnandhra Institute of

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

YES

a) Curriculum development/enrichment: As the college is affiliated to the JNTUK, it follows the curriculum and syllabus of the university.

b) Internship/ On-the-job training: Yes, the college has provisions for internship, On-the-job training; industrial visits, field work, educational tours are regularly organized

c) Summer placement: NIL

d) Faculty exchange and professional development: NIL

e) Research: The institute is able to regularly organize workshops/ seminars/ guest lecture   to promote research activities.

f) Consultancy : The faculty members of the institute are able to setup solutions for problems in industrial/educational automation tools.

g) Extension: Various extension activities such as Blood donation camps, Swatch Bharat Abhiyan, AIDS awareness programmes etc are carried out.

h) Publication: The Faculty members publish research papers in various national and international journals and conferences. In addition to this, different departments also publish annual magazines.

i) Student Placement: Many students are placed in different reputed organizations through campus placements. In addition to this, the Institute also conducts entrepreneurship awareness programmes for the students in order to motivate them to become self-employed.

j) Training programmes: YES

k) Introduction of new courses: SIET introduced Machine Design & Structural Engineering in M. Tech from the academic Year 2014-15.

l) Student exchange: Nil

m) Any other: Nil

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations.

The college constantly endeavors on establishing linkages/ collaborations with renowned organizations. As such, the college intends to establish such linkages/collaboration for all its departments.

Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

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?

Policy of the institution:-

To keep pace with growing demands of higher education, the college has significantly enhanced the infrastructure. Optimum utilization of the infrastructure is ensured. The academic session is so framed that the classrooms and laboratories are occupied from morning till evening. Regular campus activities ensure that our seminar halls are utilized around the year.

The college Management interacts with stakeholders, faculty, alumni, students, parents and industry representatives to know the challenging trends and requirements of industry and to facilitate good employability for students. Accordingly, development and enhancement of infrastructure facilities are planned

The College takes special care towards creation and enhancement of infrastructure that facilitates effective teaching and learning.

- Necessary classrooms for each branch are provided.

- Four class rooms are allotted for e-classroom.

- The seminar halls are provided with audio-visual equipment.

- Laboratories are provided with sufficient space and are equipped with experimental setup suitable to academic and research needs.

- Library as a knowledge centre is provided with all the required text books, reference books, journals and general books which help in enhancing learning skills.

- College is under surveillance of CCTV Cameras to enhance Security.

- College starts at 8:00 am and closes at 5:00 pm.

- Library, labs, internet, cafeteria, gymnasium, playground and other sports facilities are available.

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.

Curricular Activities:

The following facilities are provided to make use of them for the curricular activities

S.No	FACILITY	COUNT
1	Classrooms	8 (ECE)
		8 (CSE)
		4 (EEE)
		8 (ME)
		4 (CE)
2	Seminar Halls	4
3	Scanners And Printers	31
4	Common Computer Centre	1
5	Career Guidance, Training and Placement Cell	1
6	Drawing Halls	2
7	Labs for all Branches	25
8	Digital Library	1
9	Workshop	1
10	E-Class Rooms	4
11	Board Room	1
12	Research Lab & Incubation Center	1

The following is the layout of the college,

SIR M. VISWESWARAYA BLOCK **(BLOCK – I)**	**SWAMI VIVEKANANDA BLOCK** **(BLOCK – II)**
• Ground Floor-EEE Dept • First Floor-CSE Dept, CCC, Seminar Hall • Second Floor-CIV Dept.	• Ground Floor-Administrative Office, MECH Dept • First Floor-ECE Dept, Seminar Hall • Second Floor-ECE Dept.

SRI SAI BLOCK **(BLOCK – III)**	**SIR ARTHUR COTTON BLOCK** **(BLOCK – V)**
• Ground Floor-CG,T&P Cell • First Floor-Library • Second Floor-First Year Class Rooms.	• Ground Floor-Mechanical & Civil Labs • First Floor- Tutorial Rooms.

Co-curricular Activities:

Career Guidance, Training and Placement Cell - It continuously monitors and organizes training and placement activities. The Cell regularly contacts various industries and organizations to conduct placement drives

CAREER GUIDANCE, TRAINING AND PLACEMENT CELL	TUTORIAL ROOM

Tutorial – 10 Tutorial rooms are available which can be used by all the students

Department Association – The College motivates the students by conducting various activities in every department to ensure optimum participation from the students and the faculty members. The department associations play an active role the conduct of various workshops and guest lectures.

THREE DAYS ANDROID WORKSHOP	ECLP LAB

Counseling – At least two faculty members are assigned with the responsibility of counseling one section of students i.e., approximately 60 students

Seminar Hall – There are four seminar halls. One is on the first floor of the second block (SWAMI VIVEKANANDA BLOCK)with the capacity of 400 members. The second and third seminar halls are on the first floor and second floor of the first block (SIR M. VISWESWARAYA BLOCK) with the capacity of 120 members each. The fourth seminar hall is on the second floor of the second block (SWAMI VIVEKANANDA

BLOCK) with the capacity of 120 members. The seminar halls are used by all the departments for conducting guest lectures, seminars, symposia, conferences and cultural activities.

| Seminar Hall | Transport |

Transport – 28 buses are being used for providing transport facility to the students and the faculty members within 60km distance range.

b) Extracurricular Activities – sports, outdoor and indoor games, gymnasium, auditorium, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

Extracurricular Activities:

Communication Skills Development:

- The College has separate English communication skills laboratory provided with 64 Systems and licensed software.

- The focus is on training the students speak fluently, intelligibly, appropriately by given them enough practice in phonetics, role plays, debates and group discussions.

- Keeping in view of the growing importance of Soft Skills, the training and placement cell is imparting soft skills to the students. Along with regular subjects, a separate session is allotted to each branch for training in aptitude, verbal and soft skills.

Sports: College offer students the chance to play competitive sports at the university level.

S. No	Facilities	Total Area Available	No of courts	Capacity
Out Door Games				
1	Cricket Ground	75 Yards	1	11+2 PLAYERS
2	Volley Ball Court	18 x 9 sq.mts	2	24 PLAYERS
3	Kho-Kho	27 x 16 sq.mts	1	18 PLAYERS
4	Shuttle Badminton	13 x 40 ,6.10 sq.mts	1	SINGLE/DOUBLES
5	Basket Ball Court	28x15 sq.mts	1	12 PLAYERS
In Door Games				
6	Table Tennis	100 ft x 40 ft	1	SINGLE/DOUBLES

7	8-Station Royal Multi Gymnasium	39x14 ft	1	12 MEMBERS
8	Chess Boards	-	10	20 PLAYERS
9	Carom Boards	-	6	SINGLE/DOUBLES

NSS Camp, CHEYYERU	**SPORTS**

NSS: National Service Scheme

The College has an NSS unit with a total strength of 100 members, and one caretaker Mr.M.Venkateswara Rao. One full time qualified physical director Mr.SK.Saravalli Ali, B.A., M.P.ED, NIS, has been appointed and a room was allotted for NSS.

Cultural Activities

Cultural activities are conducted on the occasions like Fresher's Day, Farewell Day and Sankranthi Sambaraalu within the campus.

Yoga and Meditation

Students and the staff are oriented towards yoga and meditation for a holistic living. Programs in association with Brahma Kumaris have been conducted regularly.

Health & Hygiene

Water purifying UV-RO system is located near the underground tank which is far from electrical substation system and drainage system. Purified water for drinking is supplied to all floors, administrative offices, canteen and hostels.

DRINKING WATER PURIFICATION PLANT	**ATM**

ATM **-** The College provides round the clock ATM (Automatic Teller Machine) facility to all the students and the employees so that they can withdraw money at any point of time without hassles. It is located at a point where it is easily accessible to every individual to cater to the needs of their monitory transactions.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

The institute never compromises in developing the infrastructure for the academic requirements which benefit the students. To meet such needs and requirements, additional infrastructure facilities are being created from time to time and developmental budget is allocated, keeping in view such requirements

- Institute develops the infrastructure as per the requirements
- The experts from the regulatory authorities regularly visit the Institute.

- This enables the Institute to ensure the infrastructure adequacy and optimum use for academic growth.
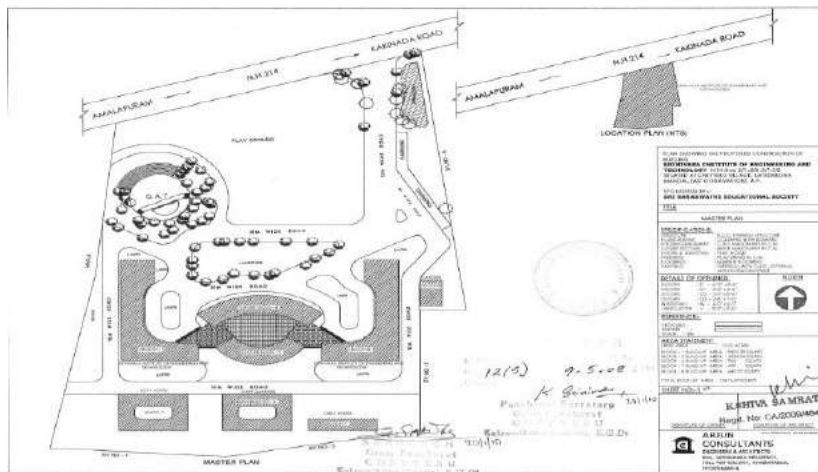
Master plan marking the Existing Blocks and Future Blocks

Table: Expenditure during fast four years

S. No	Assets	Expenditure in 2012-13	Expenditure in 2013-14	Expenditure in 2014-15	Expenditure in 2015-16
1	Buildings	-	-	8,23,00,000	-
2	Books	83,9983	39,7189	2,30,304	3,08,676
3	Computers + Software	15,65,459	-	22,98,999	17,44,400
4	Lab Equipment	29,99,637	18,62,995	4,79,780	7,23,896
5	Furniture & Fixtures	4,14,850	10,90,160	4,83,450	2,19,900
6	Vehicles (Buses)	90,77,000	62,20,000	14,55,000	66,90,000
7	Sports Material	17,540	49,968	36,595	14,340
8	Air Conditioner	2,25,000	-	-	77,000
9	Office Equipment	-	-	-	
10	Generator	2,39,700	7,95,000	-	
	TOTAL	**1,53,79,169**	**1,04,25,392**	**8,72,84,128**	**97,77,212**

Lab Equipment Expenditure (Year wise & Department wise)

Department	Expenditure in 2012-13	Expenditure in 2013-14	Expenditure in 2014-15	Expenditure in 2015-16
EEE	1,79,346	-	-	-
ECE	9,91,404	2,05,577	1,33,628	50,530
CIVIL	5,24,580	-	30,205	-
MECH	8,30,330	16,57,418	3,15,917	-
CSE	4,73,977	-	-	6,73,366

4.1.4. How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

- In the third block a ramp is provided to reach the central library keeping the physically challenged in view.
- Most of the classrooms are on the ground floor
- In college buses front seats are reserved for physically challenged

4.1.5. Give details on the residential facility and various provisions available within them:

- Hostel Facility – Accommodation available-yes
- Computer facility including access to internet –yes
- Facilities for medical emergencies-yes
- Library facility available-yes
- Recreational facility-common room with audio-visual equipment-yes
- Available residential facility for the staff and occupancy-yes
- Constant supply of safe drinking water-yes
- Security-yes

Guest rooms: Guest rooms are available in the Ground floor of the Amenities Building with the following facilities and amenities:

Facilities for Guest Rooms	Facility
- Hot and Cold water. - Wi-Fi -Internet connectivity. - News Papers. - TV. - Uninterrupted power supply (Generator)	3 ft x 6 ft Size Bed Attached Bathrooms TV Fan, chairs

Boys' hostel and girls' hostel

- No. of students availing the hostel facility: 101
- First aid kit is available separately in each hostel.
- Purified drinking water is supplied to boys and girls hostels.
- Special security watchmen for 24 hours on shifts.
- Token system, TV, individual cots.
- Waiting room for parents

- Adequate number of toilets and bathrooms.

- Cleanliness of hostels is looked after by hostel warden.

- Disciplinary activity is handled by disciplinary committee.

- Facilities available in each room: cots, fans, racks, tube lights.

SRI SARASWATHI GIRLS' HOSTEL	**ABDUL KALAM BOYS' HOSTEL**

Computer Facility:

In the Digital Library 18 systems are available which can be used to access the internet by hostel students between 8:00 am to 8:00 pm

DIGITAL LIBRARY	**LIBRARY**

Library facility:

The institute facilitates library with thousands of text books, hundreds of journals and various types of e-resources. These facilities can be availed by the hostel students between 8:00 AM to 8:00 PM on working days and on holidays between 9:30 AM to 1:00 PM

Medical facilities:

Required medicines are dispensed to the hostel students under the supervision of a full time nurse and a part time doctor. First aid kits are available

Recreational facility:

In both the hostels a common room is allotted with a TV, magazines and news papers. In addition Tennicoit and Throwball courts and other indoor games are made available to all the wards in both the hostels

Safe drinking water facility:

Purified water which is filtered by the UV – RO treated oxidized treatment is supplied to hostels

PURIFIED WATER PLANT	SECURITY

Security:

Both the hostels are under the surveillance of 13 fulltime security guards and the CC-TV cameras installed at various positions.

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?

Group insurance facility is available for staff & students.

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.

The following facilities are available in the campus

S.No	Facility
1	Girl's Waiting Hall
2	Boy's Waiting Hall

S.No	Name of The Committee	Description
1	IQAC (Internal quality assurance cell)	To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the college.
2	Grievances Redressal Unit	The grievances redressal cell, headed by the convener, students affairs, comprises one senior faculty member from each department and a lady faculty member
3	Women Empowerment Cell	Sensitizes students on serious gender issues, generates awareness on burning social issues for ensuring holistic education of students
4	Career Guidance, Training and Placement Cell	It continuously monitors and organizes training and placement activities. The cell regularly contacts all the relevant industries/companies and conducts placement drives
5	Sri Annapurna Cafeteria	Hygienically maintained canteen facility with163 sq.m is available in the campus with a seating capacity of 50 and daily usage is 400.
6	Safe drinking water facility	Purified water is supplied to all academic blocks, canteen and hostels. Storage capacity: 2500 liters SS container Filtration Capacity: 600 liters/hr Treatment: UV – RO treated oxidized
7	Health Centre	Two-bedded health centre with a full time nurse and a part time doctor
8	Gymnasium	8-Station Royal Multi Gymnasium center with 39x14 ft is available in the campus

SRI ANNAPURNA CANTEEN	**PLACEMENT CELL**

4.2 Library as Learning Resources

4.2.1 Does the library have an Advisory committee? Specify the composition of such a committee.

Yes, the library has an Advisory committee.

The library Advisory committee members are:

S.No.	Name of the Faculty	Designation	Department	Posting
1	Mr. K.V.Ramana Murthy	Associate Professor	ME	Chairman
2	Mr. N.Srinivas	Assistant Professor	CE	Member
3	Miss. P.Gowthami	Assistant Professor	EEE	Member
4	Mr. B.S.S.Krishna	Assistant Professor	ME	Member
5	Mr. B.Kalyan Kumar	Assistant Professor	ECE	Member
6	Mr. D.ChandraMouli	Assistant Professor	CSE	Member
7	Mrs. N.Uma Devi	Assistant Professor	S&H	Member
8	Mr. M.V.Samudram	Librarian	S&H	Convener

S.No.	Name of the Student	Roll Number	Department	Posting
1	P.Lokesh	136N1A0136	CE	Student Member
2	N.Pavani	146N1A0233	EEE	Student Member
3	K.S.Srikanth	136N1A0387	ME	Student Member
4	B.Siva Naga Krishna	136N1A0363	ME	Student Member
5	Ch.Gopi Krishna	136N1A0414	ECE	Student Member
6	K.KamalaVyshnavi	136N1A0478	ECE	Student Member
7	P.Kumari Rani	136N1A0531	CSE	Student Member
8	M.Bhargavi	146N1A0533	CSE	Student Member

The major responsibilities of the committee are:

1. The committee monitors allocation of funds for the books, journals, manuals etc., and digital processing of information including on-line journals.
2. Guides all library acquisitions.
3. Monitors the student's use of the library facilities and suggests necessary measures to make the library services more user-friendly and easily accessible.
4. Ensures proper maintenance of all library facilities.
5. Discusses and places its views on any library related matter as required by the college management.
6. The committee shall take into consideration all the procurement criteria and rules and regulations of the library management including cataloguing and access administration.

4.2.2 Provide details of the following:

- Total Area of the Library (in Sq. Mts):731.60 Square Meters.
- Total seating capacity : 156

- Working hours

  a) On working days :   8.00 A.M to 8.00 P.M
  b) On Holidays :   9.30 A.M to 01.00 P.M
  c) On Examination Days :   8.00 A.M to 8.00 P.M
  d) During vacation :   9.30 A.M to 5.30 P.M

- Layout of the library:
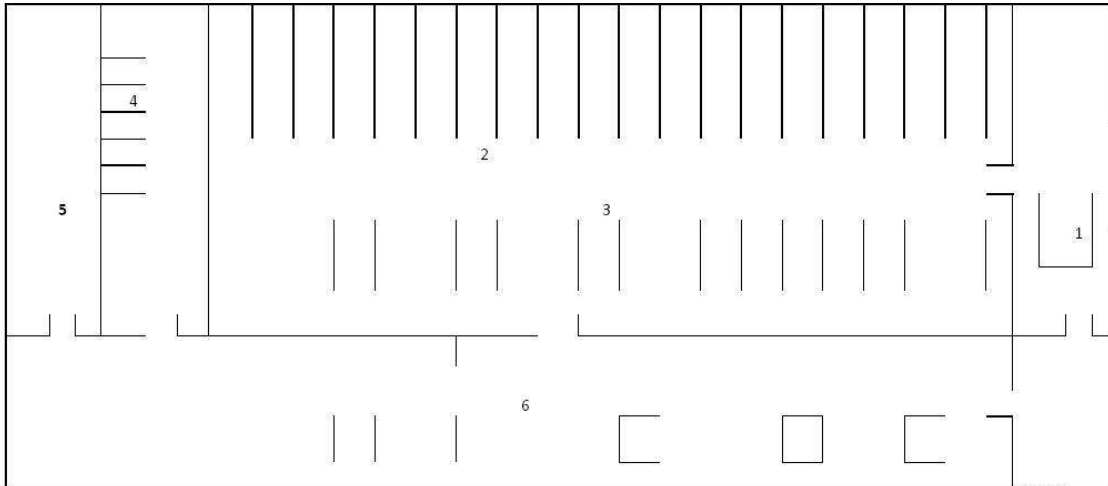
S.No	Name of Section	Area (in sq.Mts)
1	Circulation Section	35.5
2	Lending Books Section	
3	Lounge area for Reading	428.2
4	Reference Section	
5	Digital Library	35.5
6	Periodical Section & Discussion Room	232.4

Fig:Lounge Area for Reading

Fig: Lending Books Section

Fig: Periodical Section

Fig: Reference Section

Fig: Digital Library

Fig: Circulation Section

Fig: Reprography

Fig: Discussion Room

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 3 years.

- Receives requisitions and recommendations from the departments according to the curriculum and analyzes feedback forms from the students.

- Availability of books and other materials is verified by the advisory committee.

- The library advisory committee prepares the indents and consolidates the purchase order for central library for the next academic year.

- They will be brought to the notice of the Principal and the Secretary for approval.
- The newly procured books and journals are kept for display to create awareness among the users.

Following is the format for recommendation of books and other reference material by the all HODs

SRINIVASA INSTITUTE OF ENGINEERING & TECHNOLOGY

CHEYYERU (V), AMALAPURAM

CENTRAL LIBRARY								
LIST OF BOOKS REQUIRED FOR THE ACADEMIC YEAR						Date:		
COURSE:		YEAR:		DEPARTMENT:		SEMESTER:		
S.NO.	SUBJECT	TITLE	AUTHOR	ED.	PUBLISHER	TEXT/ REF	EXISTING COPIES	REQUIRED COPIES
	Head of the Department				**Principal**			

Fig: Format for books recomendations from departments

The library gets all reading material much before the commencement of every academic year.

S. No	Library holdings	2015-16		2014-15		2013-14		2012-13	
		Number	Total Cost (Rs.)	Number	Total Cost (Rs.)	Number	Total Cost (Rs.)	Number	Total Cost (Rs.)
1	Text books & Reference Books	976	2,58,254	1157	2,28,236	1433	4,56,719	1575	5,21,567
2	Journals/ Periodicals	80	1,00,858	80	88,062	46	62,690	68	1,06,305
3	e-resources	1 (DELNET)	11,500	1 (DELNET)	11,500	1 (DELNET)	11,500	1 (DELNET)	16,500
4	Other Expenses		74040		20686		19206		9420

Table: Details of the amount spent during the last four years.

S.No	Course	CENTRAL LIBRARY					DEPT. LIBRARY	
		No of Books Available		No of Journals			No of Books Available	
		No. of Titles	No. of Volumes	Print	e-Journals J-Gate & DELNET		No. of Titles	No. of Volumes
					National	International		
1	CE	350	2543	11	65	429	31	126
2	EEE	367	2893	6	24	283	75	183
3	MECH	526	3238	17	49	473	19	79
4	ECE	484	4043	17	36	447	68	250
5	CSE	570	4603	17	125	831	155	281
6	S&H	512	6697	-	13	315	--	--
TOTAL		2809	24017	68	3090			

Table: Available resources in central and department libraries

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection

OPAC: An OPAC (Online Public Access Catalogue) is available wherein one can search a book by Author's name/ Title/ Publisher/ Call number / Accession number.

- Digital Library: 18 systems for accessing e-resources

- Other facilities: 03 systems

- Electronic Resource Management package for e-journals: Subscription of J-Gate and DELNET for e-journals

- Federated searching tools to search articles in multiple databases: No

- Library Website: Library information is provided in the college Web site.

- In-house/remote access to e-publications : Yes

- Library automation: Engineering College Automation Package

- Total number of computers for public access : 18 terminals

- Internet band width/speed : 10 Mbps

- Institutional Repository: Library

- Content management system for e-learning: Local Guru Content Management System and Video Streaming Software for NPTEL Resources via LAN throughout the campus
- Participation in resource sharing networks/consortia (like Inflibnet): The institution has membership in DELNET.

4.2.5 Provide details on the following items:

- Average number of walk-ins : 345/day

- Average number of books issued/returned : 238/day

- Total number of volumes available in the Library: 24,017

- Total number of titles available in the library: 2,809

- Number of journals available: 68

- Number of magazines available: 14

- Ratio of library books to students enrolled: 9:1

- Average number of books added during last three years : 1188

- Average number of login to OPAC : 26

- Average number of login to e-resources: 41

- Average number of e-resources downloaded/printed: 18

- Number of information literacy trainings organized: 1

- Details of "weeding out" of books and other materials: 243 books went missing.

4.2.6 Give details of the specialized services provided by the library

- Manuscripts: Yes (Project Thesis: 365)

- Reference: There is a reference section with reference books and text books as prescribed in the university curriculum

- Reprography: Yes

- ILL (Inter Library Loan Service): Yes

- Information deployment and notification (Information Deployment and Notification): Current information about competitive exams and other notifications will be displayed on Library notice board.

- Download: Available

- Printing: Yes

- Reading list/ Bibliography compilation: Yes

- In-house/remote access to e-resources: 18 computers are available with internet connectivity.

- User orientation and awareness: User orientation and awareness programme is conducted once for every batch.

- Assistance in searching databases: Library personnel will assist users in searching the database.
- INFLIBNET/IUC facilities: Institution has a DELNET membership.
- NPTEL Local Chapter: Institution has registered as NPTEL Local Chapter .Central Library encourages the staff and students to register for NPTEL Online Certification Courses.
- Books Issue Policy:

  B.Tech Students: 04 Books with duration of 14 Days

  M.Tech Students: 04 Books with duration of 14 Days

  Faculty members: 06 Books with duration of 1 semester

  Non-Teaching staff: 03 Books with duration of 30 days

4.2.7 Enumerate on the support provided by the Library staff to the students and teacher of the college**.**

The Library staff always extends their services to the students and faculty in various aspects mentioned below:

- Library staff supports in identifying the proper documents and getting services related to tracing books, journals, journal-papers, publications, reprographic materials, searching databases etc.
- Subject-rack index provided for each rack in the library.
- Library displays the important media notifications in the library notice board.
- Previous university question papers will be provided to the students and staff as when they require.
- Periodical's content page is circulated to the faculty through HODs.

4.2.8 What are the special facilities offered by the library to the physically challenged persons? Give details.

- Ramp is provided to reach to the library.
- They will be given first priority, they need not wait in queue.
- Library staff will assist them.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services, (What strategies are deployed by the library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

- The students and the faculty fill the feedback forms which are available in the library.
- A drop box is provided for the students to drop the filled-in feedback forms.

- The analysis will be made on a hundred point scale and evaluated with marks for grades as given below,
  - Excellent – 20
  - Good – 16
  - Fair – 12
  - Poor - 6

- Above 60% will be treated as satisfactory.

- Minor issues are handled by the library staff immediately.

- Major issues are brought to the notice of the Principal by the advisory committee.

SRINIVASA
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
NH – 216, CHEYYERU (V), AMALAPURAM – 533216

LIBRARY FEEDBACK FORM

Date:

We'd appreciate your opinion of how well we are doing. Thank you for your interest and support.

Please rate the below:

1. **Library Resources**
   ☐ Excellent ☐ Good ☐ Fair ☐ Improve
2. **Library Services**
   ☐ Excellent ☐ Good ☐ Fair ☐ Improve
3. **Library Staff behavior**
   ☐ Excellent ☐ Good ☐ Fair ☐ Improve
4. Are there books, magazines, journals or resources that you would like to see added to the library? If yes, please specify the details.
   ☐ No ☐ Yes,
   _____
5. Any other suggestions?

Fig: Library Feedback Form

4.3 IT Infrastructure
4.3.1 Give details on the computing facility available (hardware and software) at the institution.

The following are the computing facilities available at the institution:
- Number of computers with configuration as listed below

S. No.	Company & Model	Configuration	Quantity
SERVERS			
1	HP-PROLAINT	QUAD CORE INTEL XENON 2.13 GHz,, 2 GB RAM, 160 GB HDD	1
2	IBM-X3200 M3	INTEL XENON 2.13 GHz,, 4 GB	1

		RAM, 500GB HDD	
3	IBM-X SERIES 3400 M3	INTEL XENON 2.13 GHz,, 4 GB RAM, 500 GB HDD	1
4	LENOVO EDGE-73 DESKTOP	INTEL CORE I7, 8 GB RAM, 500 GB HDD	1
5	HP ML-10G9	INTEL XENON®CPU E3 1220,3.10 GHz, 4 GB RAM, 1TB HDD	1
6	HP 406 G1	INTEL CORE i5-4590,3.30 GHz 8 GB RAM, 1TB HDD	1
DESKTOP SYSTEMS			
7	HP COMPAQ DC 5800 MICRO TOWER PC	PENTIUM DUAL CORE 2.00 GHZ, 1 GB RAM, 160 GB HDD	105
8	LENOVO A58-58941Q	PENTIUM DUAL CORE 2.60 GHz, 1GB RAM, 250 GB HDD	75
9	WIPRO-WIV37555-1869	1GB RAM, 160GB HDD	15
10	WIPRO EVOLV PDC E5800	PENTIUM DUAL CORE 3.20 GHz, 1GB RAM, 320GB HDD	45
11	LENOVO M71E	PENTIUM DUAL CORE 2.60 GHz, 2GB RAM, 250GB HDD	70
12	LENOVO M71E	PENTIUM DUAL CORE 2.60 GHz, 2GB RAM, 500GB HDD	30
13	LENOVO E73	INTEL H81-DUAL CORE 4th GENERATION PROCESSOR, 4GB RAM, 500GB HDD	35
14	LENOVO M73-4130	INTEL CORE-i3 4th GENERATION PROCESSOR, 4GB RAM, 500GB HDD	35
15	ZENITH DESKTOPS	INTEL CORE2DUO, 2GB RAM, 250GB HDD	120
Total no.of Desktops:			530

Table: Details of available systems and their configuration

- Computer-student ratio of the institution is 1:4

- LAN facility   : Yes, All computers in the campus are connected by LAN with following switches

S.No	Switch Description	Quantity
1	D-Link 48 Port Semi-Manageable	06
2	D-Link 24 Port Un-Manageable	17
3	D-Link 16 Port	03
4	D-Link 8 Port	10

- Wi-Fi facility : Yes, the whole campus is Wi-Fi enabled with bandwidth 20 mbps. For providing Wi-Fi services the institution uses following hardware

S.No	Router Description	Quantity
1	Digisol 150 Mbps	01
2	TP-Link 300 Mbps	02
3	Dlink 150 Mbps	02
4	Dlink DAP-2660	03
5	TP-Link TWA5110G	03

- Licensed Software: Yes, the following is the list of licensed softwares available in the campus for different purposes.

  - C++ Builder 2009
  - Red Studio 2009 (.Net)
  - Microsoft Visual Studio 2008 Professional Edition
  - Microsoft Office 2007
  - Microsoft Windows XP Professional Version 2002
  - Microsoft Windows 7 Professional
  - Microsoft Windows 8.1
  - Quick-Heal Antivirus Server Edition
  - Kaspersky Antivirus 2012
  - Multi Sim 8.1
  - MASM
  - ECAP
  - V-LAN Solutions (ELCS Lab)
  - AELCS Lab
  - Mentor Graphics
  - XILINIX
  - MAT LAB

- Number of nodes/computers with Internet facility: 500

- Printers, Scanners & Xerox Machines: The institution uses 29 Printers, 2 Scanners and 5 Xerox machines for various purposes.

S.No	Type	Description	Quantity
1	Printer	HP Desk Jet D1560	08
2	Printer	HP Laser Jet 1020 Plus	06
3	Printer	Canon LBP 2900	03
4	Printer	Epson 210	01
5	Printer	Epson M100	02
6	Printer	HP Laser Jet 1522 MFP	01
7	Printer	Epson M200	02
8	Printer	CANON ICMF 3010	01
9	Printer	HP Laser Jet P1108	02
10	Printer	HP Laser 1007	01
11	Printer	EPSON LQ1150 Dot matrix	01
12	Scanner	EPSON DS 520	01
13	Scanner	CANON P215	01
14	XEROX	CANON IMAGE RUNNER1730i	01
15	XEROX	SHARP 5520N	01
16	XEROX	CANON WORK CENTRE 5225	01
17	XEROX	WORK CENTRE 5020	02

- Bar-Code Readers: 03

S.No	Type	Quantity
1	TVS Portable Barcode Reader	02
2	Honeywell Table Mount	01

Table: Barcode Reader Specification

- UPS: **Total Capacity** 72 KVA

S.No	Company/Model	Capacity	Quantity
1	EMERSION-POWER BANK	6KVA	2
2	APC-SRC10KUX1	10KVA	1
3	CYBER POWER – 0LS10000ECXL	10KVA	3
4	ARUN-PRO	10KVA	2

Table: UPS Specifications

- LCD Projectors: 12

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

- **Common Computer Centre (CCC):** A lab with 64 computers is allotted as the Common Computer Center. The students of the college can visit the CCC in their respective timetable for browsing the internet.

CCC

- For the faculty members, all the departments are provided with a desktop with 34Mbps broadband connection and a VPN.
- For the students, 423 nodes with 34Mbps broadband connection are available for internet browsing. Students can also use the Wi-Fi connectivity.
- 21 systems are provided with internet facility in the central library.

The following are the specifications for the internet connectivity.

S.No	Service Provider / Type	Bandwidth
1	i-Net Solutions Wireless Leased Line	20 Mbps
2	BSNL Fibre NME Line & Broadband	14 Mbps

- Number of computers for students :423

S.No	Lab Name	No. of Systems
1	CSE Lab1	60
2	CSE Lab2	65
3	CSE Lab3	120
4	CCC	64
5	ECE Lab1	60
6	ECE Lab2	33
7	Central Library	21

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

- Common Computer Centre is established with 64 computers.

- Increase in number of computers and upgradation of software will be based on emerging needs.

- Enhanced the number of projectors for effective teaching and learning for all departments.

- Enough provision is made available in the annual budget for the procurement of the computer systems.

- All the computer systems in the campus are regularly monitored by the system administrator and maintenance staff.

- The trouble/problems experienced by the computers in the various laboratories are identified and recorded by the lab programmers/technicians in the complaint register which is kept in the Principal's office.

- The maintenance staff will then go to the respective labs for identification of the problems and resolve the same at the respective places.

- In case of major problems i.e. replacement of component/part during warranty they are sent to the respective service centers and get replaced at the earliest.

- Evaluation of proposals received from vendors regarding purchase of new software and hardware is done by conerned authorities under supervision of the Principal.

4.3.4 Provide details on the provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution (year wise for last four years)

Provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution during last four years:

S.No	Details	Year				
		2011-12	**2012-13**	**2013-14**	**2014-15**	**2015-16**
1	Procurement	17,43,000/-	15,65,459/-	-	22,98,999/-	17,44,400/-
2	Upgradation, Deployment and Maintenance	-	3,19,408/-	3,77,263/-	1,61,436/-	4,70,711/-

Table : Annual Budget for procurement, upgradation and maintenance

Note: The institution has purchased branded computers of HP and Lenovo with on-site warranty facility. So, no budget is allotted for the maintenance of these computers. If any computer failed to function then it will be replaced with a new one by the companies' representative.

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?

To facilitate ICT for teaching and learning

- The college has seminar halls equipped with projectors and audio system.
- All departments are provided with computers
- High speed internet facility is available
- Centre of Excellence for e-Resource Development & Deployment (CoEeRD) which is a JNTUK initiative, where Course content and live classes are delivered to students.
- The institution also provides the NPTEL video course material for various subjects of different engineering disciplines for the students as well as faculty members.
- The college acts as one of the remote centres for conducting workshops under National Mission on Education through ICT.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching-learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

- The college ensures that students and teachers have easy access to all the online teaching learning resources.
- The faculty can make use of Open office, Libre and Microsoft office to prepare teaching materials.
- The college provides various technical tools to the faculty members.
- Encourages the faculty to carry out NPTEL based teaching.
- NPTEL videos are available to the faculty in the library and campus.
- The library itself maintains e-books for all the subjects. The faculty can utilize these with the help of the librarian.

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, College has the National Knowledge Network connectivity through affiliating university i.e. JNTU Kakinada. The college avails itself the following services

- JNTUK COEERD
- The college has availed of internet facility under NME-ICT project

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)?

a.	Building
b.	Furniture
c.	Equipment
d.	Computers
e.	Vehicles
f.	Any other

Amount spent on maintenance

S. No	Particulars	2015-16	2013-14	2013-14	2012-13
1	Building	1,80,4277	1,45,189	1,57,155	3,78,408
2	Equipment & Computers	1,49,6314	2,12,423	4,88,701	3,43,889
3	Vehicles	42,62,324	97,33,370	99,62,690	68,08,604
4	Furniture	61,102	42,288	67,542	22,030

4.4.2 What is the institutional mechanism for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

Any maintenance problem identified in a department will be intimated to the engineer of the campus. The engineer will inspect and discuss with the higher authorities with the estimates for the repair. The repair will be carried out after taking necessary sanctions from higher authorities.

Electrical Maintenance activities

- A fulltime electrician is working for the college. He will do the following activities:
- Periodical checking of all the preventive maintenance for all electrical appliances
- Periodical changing of oil in the generators
- Regular monitoring of power transformers

- Repairing of any electrical problems

Campus Beautification and Maintenance activities

- Maintaining the campus as clean as possible

- Maintenance of the greenery

- Water supply to the plants throughout the campus

Building Hygiene:

Sweepers and floor supervisors will be allocated one floor each in every block. Floor supervisors have to sign in the register on every day for the confirmation of proper cleaning in the allotted area.

Sweeper Responsibilities:

- Cleaning laboratories, staff rooms, classrooms, corridors and administrative offices

- Cleaning of furniture, windows and notice boards

Toilet Hygiene:

- Each restroom is cleaned twice a day using cleaning solutions.

- Naphthalene balls are kept urination pans/bowels, wash basins and sinks.

- Supervisors check toilets after cleaning and sign in the register.

The following log book should be maintained for the above

- Sweeper's & Scavenger's log book

Laboratories maintenance:

Each department allotted one slot in the regular timetable for the maintenance of lab equipment. In that slot the lab technicians will do the following,

- Lab technicians clean the surface of equipment with smooth cloth to clear dust

- Lab technicians check lab equipment daily for proper working as preventive maintenance.

- Monthly Servicing of lab equipments.

- Replacing the consumable components, if necessary during the above maintenance procedure

- Note down the actions taken during the maintenance time in a lab maintenance register

- The following is the sample lab occupancy chart which also shows the maintenance slots,

SIET/7.5.1/FT 14

LABORATORY TIME-TABLE

Name of the Lab: Electrical Machines Lab

Department /Program: EEE, DEEE/B.Tech, Diploma   Date: 10.06.2016

Class / Semester: III B.Tech/ I .   Academic year: 2016-2017

Electrical Machines Lab

	1 8:10-9:00	2 9:00-9:50	3 10:00-10:50	4 10:50-11:40	11:40-12:30 (LUNCH)	5 12:30-1:20	6 1:20-2:10	7 2:10-3:00		
I shift										
II shift		1 9:50-10:40	2 10:40-11:30	3 11:40-12:30	4 12:30-1:20	1:20-2:10 (LUNCH)	5 2:10-3:00	6 3:00-3:50	7 3:50-4:40	
MONDAY		ET LAB (III DECE)		GENERAL MAINTENANCE				BEE LAB (II - I MECH - A, BATCH - I)		
TUESDAY	ACM - II LAB (V DEEE)		EM -II LAB (III - I EEE, BATCH - I)				BEE LAB (II - I MECH - B, BATCH - I)		
WEDNESDAY		BEE LAB (II - I MECH - A, BATCH - II)		DCM LAB (III DEEE)				
THURSDAY		EEP LAB (III DME)		DCM LAB (III DEEE)				
FRIDAY	DCM LAB (III DEEE)		BEE LAB (II - I MECH - B, BATCH - II)			EM -II LAB (III - I EEE, BATCH - II)		
SATURDAY		DCM LAB (III DEEE)		ACM - II LAB (V DEEE)				

Lab In-Charge/Date ~~10/6/16~~

HOD / Date ~~10/6/16~~

Time Table In-Charge/Date ~~10/06/16~~

Computer Lab maintenance:

The institution has purchased branded computers like HP and Lenovo with on-site warranty facility. If any computer failed to function, it will be replaced with individual components.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

- Faculty members take master readings once in a semester to ensure proper working of the equipment.

- Faculty members do all experiments and take readings in the beginning of the semester. The same will be recorded in faculty manual and will be used for evaluating the student lab records.

- Calibration is done by Electronics Test Development Center for sensitive equipment.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

The College has taken steps for the location of the sensitive equipment like electrical generators, water purifiers, chemicals and scientific instruments. The laboratory staff keeps a strict vigil regarding the maintenance and upkeep of the scientific instruments and Chemicals. The repair or replacement or another required check up is fully undertaken in their

supervision. Similarly, the college electrician and the supporting staff are responsible for the upkeep of electrical equipment and their maintenance and safety.

List of sensitive equipments:

- CROs

- Digital Multi-meters

- Measuring Instruments

- Digital Training Boards

- IC Trainers

- Microwave Equipment

- Precautions and preventive measures are taken by the department to avoid damage of sensitive instruments

- Voltage fluctuations are controlled by stabilizers.

- Exclusive 11KV (High Tension) electrical distribution substation with100 KV (low Tension) Transformer was erected in the college premises with the following particulars

Particulars	Capacity
Transformer	100 KVA
Main circuit breaker	400 Amps
Bus bar chamber	3 phase 400 amps
Distribution channel	200 amps – 2 No's
	125 amps - 3 No's
	100 amps – 4 No's
	63 amps – 1 No's
Change over switch	400 amps – 1 No's
	320 amps – 1 No's

UPS Power Backup

The institution using the UPS power backup with following description,

Company/Make	Capacity	Quantity
Numeric-Digital HPE 1000	10KV	1
Arun-pro	10KV	1
Emersion-Power Bank	6KV	2
APC-MBGA284443	10KV	1
Cyber-Power	10KV	3

Generator Power Backup

3 Generators are available in the campus for the power backup at the time of electrical supply failure. The following is the description of the generators

Generator	Maintenance Period
75 KVA	For every 250 hours
62.5 KVA	For every 250 hours
20 KVA	For every 250 hours

GENERATOR	WATER PURIFICATION PLANT

Supply of purified water

Water purifying UV-RO system is located near the underground tank which is far from electrical substation system and drainage system. Purified water for drinking is supplied to all floors, administrative offices, canteen and hostels.

Specifications of water purification system:

- Storage capacity : 2500 liters SS container
- Filtration capacity : 500 liters/hour
- Treatment : UV-RO treated oxidized
- Storage tanks capacity : 1 no's of 2500 liters
- Availability of water in hostel : 24 hours
- Provision of water cooler facility : Available in each floor of below blocks,

    Academic blocks: 04 No's

    Hostels: 02 No's

Maintenance activities

- Cleaning of the filter 2 times per day and back wash
- Change the filters once in every month
- Change the water pipes in case of cracks or breakage
- Change the taps, if damaged
- Clean the tank once in a week

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. Srinivasa Institute of Engineering and Technology publishes its updated prospectus and handbook annually. The information is also disseminated through the college website www.sriniet.edu.in

The prospectus provides all the necessary information the students need to know about the college.

The College prospectus/handbook provides information about:

- Vision and Mission of the college

- Commitment and objectives of the college

- Various courses offered and admission procedure

- Rules and regulations of the college and discipline of the college

- Pattern of the examination, evaluation system and requirement for promotion.

- Important academic information regarding JNTUK regulations.

- Academic calendar and committees in the college.

- Facilities and infrastructure provided by the college.

- Extracurricular activities like NSS and Sports give a bird's eye view of the college.

- Facilities provided like canteen, indoor games, reading room and waiting rooms for boys and girls separately.

- Students are provided with Wi-Fi connection in the college campus.

- Accidental insurance to the students.

- Financial support and needs facilities to economically week student*s*.

- On-campus hostels for boys and girls separately.

- Pure drinking water facility is provided on each floor.

- Provision for giving scholarships/fee waiver by the management.

- Medical services are provided to the students in the college premises

- Carrer Guidance, Training and Placement service is provided to the students.

- Grievance Redressal Cell and Women Empowerment Cell are established for students.

Fig: College Website Home page

Fig: College Information Booklet

Fig: College Broucher

5.1.2   Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

S. No.	Year	Type	Number of Students Benefited	Amount(Rs.)
1	2016-2017	Merit/Poor	59	9,20,400
2	2015-2016	Merit/Poor	46	8,08,100
3	2014-2015	Merit/Poor	39	7,11,000
4	2013-2014	Merit/Poor	34	6,74,500
5	2012-2013	Merit/Poor	28	5,94,000

Table: Financial assistance from college

5.1.3   What percentage of students receives financial assistance from state government, central government and other national agencies?

S. No	Category	2016-17		2015-16		2014-15		2013-14		2012-13	
		Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
1	**SC**	360	24.28	353	24.02	292	21.54	242	20.25	179	17.7
2	**ST**	02	0.13	02	0.136	01	0.073	02	0.16	03	0.29
3	**BC**	588	39.65	574	39.07	501	36.97	451	37.74	390	38.57
4	**EBC**	515	34.73	529	36.01	550	40.59	491	41.08	434	42.92
5	**Others (Disabled, Minority)**	18	1.21	11	0.748	11	0.811	10	0.83	05	0.49

Table: Financial assistance from State Government of AP

5.1.4   What are the specific support services/facilities available for SC/ST, OBC and economically weaker sections

The Institution is committed to offer the students every possible help and support they need in their pursuit to become civilized and worthy citizens. The college, as stated earlier, was set up with a mission of imparting holistic education. The institution, for this purpose, provides the following support facilities to its students

SC/ST, OBC and economically weaker sections:

- The students who belong to SC/ST/OBC and economically weaker sections are identified during the process of admission only. The college maintains the detailed record of the same. These students are provided with every possible help during their stay in the college.

- The Central Government, State Government and University sponsored scholarships and concessions are given to such students. The college management is very thoughtful regarding such students

- The College Library has book bank library facility from which SC and ST students can borrow four additional books.

- All SC and ST students receive financial assistance in the form of tuition fee (Rs. 36,200 & 51,000 for each student), maintenance charges and pocket money from the government as per the state government regulations.

- OBC students also receive financial assistance in terms of tuition fee and maintenance charges.

- The college arranges additional training and remedial classes for academically weak (slow learners) students.

- Faculty advisors and Class counselors pay special attention to slow learners, identifying their academic deficiencies.

Physically challenged and other disabled students:

- Class rooms and examination halls are arranged on the ground floor.

Overseas students:

- There are no overseas students in this college.

Students to participate in various competitions/conference in India and abroad:

- The college extends financial support to students participating in various competitions, conferences in India as per the HR Policy.

- Good number of students secured prizes in Inter- University and Inter- collegiate events.

Year wise number of participations in different events

YEAR	2016-17	2015-16	2014-2015	2013-2014	2012-2013
NUMBER	659	283	392	234	206

Medical Assistance to students

- The college has a very special concern for the health and hygiene of the college students, staff, and other members.
- The College has a Medical Centre for emergencies. A part time doctor and a fulltime nurse are available on campus. First aid is given and in case of any serious issues they are referred to the multispecialty hospital.
- Apart from the above, the college organizes check-up camps by physicians and keeps a strict watch on the health of students and the staff.
- Proper arrangement for purified drinking water is available on the college campus.
- Group insurance is provided to all the students, faculty and staff.
- Vehicle is provided on campus for emergency cases.

Organizing Coaching classes for Competitive Examinations

- Every week 2 hours slot was incorporated in regular timetable to give special coaching classes for competitive examinations by external experts like TIME institute, Job Info Solutions, and B.Tech Guru.
- In addition, the Career Guidance, Training and Placement Cell provides guidance and conducts awareness programs on career planning and competitive examinations like GATE/CAT/GRE/TOEFL/IES, etc.
- The college has sufficiently stocked library books for GATE/CAT/GRE/TOEFL
- GATE coaching has been provided to our students by TIME, Visakhapatnam.

Skill Development (Spoken English, Computer literacy)

The college regularly conducts Personality Development Programmes (PDP) which enhances the confidence and communication skills of the participants. The college also invites experts and eminent people from the industry who share their regional and global expertise and latest trends in their respective fields with the students. Special classes are conducted for

communication skills, taking in to consideration the background of the students. The college has the following laboratories to enhance student's skills.

- ELCS Lab: For developing communication skills.

- AELCS Lab: To enrich their body language, voice modulation and eye contact.

- Two trainers are providing in-house training on English proficiency for the students.

- IT Workshop: For developing technical and core skills.

Support for slow learners

- The college understands that it has to serve the basic educational needs of one and all. Each and every faculty analyzes the performance of the students in the previous semester/year and identifies the weak/slow learners and advanced learners before entering the first class and addresses the problems of the slow learners.

- Remedial classes are arranged for such slow learners. Make up tests are held to assess their learning after taking remedial classes.

- For every twenty students a Faculty Advisor is appointed to help him/her with counselling and intensive coaching. Faculty Advisors continuously monitor their progress.

Exposure of students to other institutions of higher learning/corporate/business   houses, etc.

- Students are encouraged and guided to participate in events organized by other institutions to have a wider exposure and develop culture for team work.
- Students visit various industries, higher learning institutions and corporates for practical exposure.

Industrial Visits by students:

S. No.	Date	Place/Industry visited	Target Students
1	29/09/11, 30/09/11	Lower Sileru & Upper sileru, Donkarayi, VIZAG Steel Plant, Visakhapatnam.	III EEE (43)
2	01/02/13, 02/02/13	Lower Sileru& Upper sileru, Donkarayi, VIZAG Steel Plant, Visakhapatnam.	III EEE (41)
3	31/02/14, 01/02/14	Lower Sileru& Upper sileru, Donkarayi, VIZAG Steel Plant, Visakhapatnam.	III EEE (42)
4	31/07/14,01/08/14, 02/08/14	VIZAG Steel Plant, Visakhapatnam, BHPV Visakhapatnam	IV MECH(47)
5	15.10.2016	33 KV Sub Station Visit, Amalapuram	III EEE (45)

6	07-01-2017	Dr.Narala TataRao Power Station Vijayawada,	III EEE (45)
7	11-03-2017	Dowleswaram Barrage Bridge Structure	III CE (66)
8	18-03-2017	Dr.Narala TataRao Power Station Vijayawada,	IV EEE (46)

Publication of student magazines:

The Institution has decided to publish the college Newsletter which is going to be a quarterly Newsletter published by the institute which presents the views and articles by students and faculty members. It also contains the information regarding various events taking place on the campus, achievements by students, faculty members and the institute.

5.1.5   Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

The College has an Entrepreneurship Development Cell. Over the years the college helped the students in planning and establishing better enterprises. EDC encourages outgoing students to visualize the starting of their own enterprises and become active contributors to the nation's GDP. EDC assesses the needs of entrepreneurs and prepares comprehensive training module to equip the outgoing students with necessary skills.

The module focuses on the following skills:

    a) Leadership Skills

    b) Marketing skills

    c) Business development skills

    d) Managerial skills

    e) Risk Management

    f) Communication skills

    g) Public speaking

    h) Team building skills

The college has made the following efforts to develop the entrepreneurial skills among the students.

S. No.	Date	EDC Activities	No. of students participated
1	18/07/2014, 19/07/2014	Conducted an Entrepreneur Development Programme by Mr. J. Sivasankara Reddy (DCIF), Rajahmundry APSFC Manager	100
2	21/09/2015	Conducted Entrepreneur Orientation Programme for four days for all the students of Engineering & Business administration of all years with the coordination of NSIC (National Small Industries Corporation) Trainer Mr. Sudarshan.	100
3	02/03/2016	Conducted Entrepreneur Awareness Camp by Centre for Entrepreneurship Development (CED), Hyderabad	163

Fig: Entrepreneur Development Programme

5.1.6   Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co- curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

Additional academic support, flexibility in examinations:

- Policies and strategies have been framed in such a way to promote participation of students in extracurricular and co-curricular activities and to motivate maximum number of students to participate.

- Attendance benefit to sports persons as and when they represent the institution/university in sports as well as cultural events.

- Makeup exams are allowed for sports persons representing the university and/or the nation.

- Additional academic support, flexibility in examinations is provided

Special dietary requirements, sports uniform and materials:

- Special dietary requirements, sports uniform and materials are provided during practice and matches.
- Colors, tracksuits and uniforms are provided to all sports teams representing the institution.
- Sports materials and kits are provided where ever necessary

Any other:

- During matches TA and DA are given as per the norms fixed by sports committee of the institution.
- The institution has supportive environment to encourage students to participate in activities of their interest. The cultural and sports committees give opportunities to students to display their talents.
- The institution also promotes the participation of the students in intra- and inter-collegiate competitions.
- All the departments have associations that conduct various programs; this helps students to gain confidence in communication, organizing capability, budgeting, leadership, fund management, and team building.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOEFL / GMAT / Central /State services, Defense, Civil Services, etc.

Various forms of coaching like communication skills, online materials, multimedia based learning, and solved question bank with keys etc. are provided by the faculty. Question bank for GRE, TOEFL, GATE and CAT are also maintained in the library. The students who opted for higher studies and not opting for campus placement are undergoing training for different competitive exams like CAT / GRE / TOEFL / GMAT / Central /State services, Defense, Civil Services, etc. The numbers of those students falling under any of the above competitive exams are given below:

No. of students qualified in Competitive examinations:

Branch	2012-13	2013-14	2014-15	2015-16
EEE	-	1	0	-
ECE	1		1	1
CSE	-	1	1	-
ME	-	-	-	-
CE	-	-	1	2
Total	01	02	03	03

Table: No of students Qualified in GATE

Academic Year	PGECET	CAT	GRE / TOEFL/ IELTS
2015-2016	16	-	2
2014-2015	19	-	2
2013-2014	16	-	2
2012-2013	07	-	4

Table: No of students Qualified in GRE/TOEFL/CAT/PGECET

5.1.8 What type of counselling services are made available to the students (academic, personal, career, psycho-social etc.)

Academic:

One faculty member is assigned for every 20 students whose primary role is to monitor the academic progress of the students and to guide the students, if any deficiency is found. Students are counseled and the solutions for their specific subject related queries are provided.

Personal:

The faculty members also counsel the students with certain personal problems. Their personal problems are heard and some solution is given so that students can concentrate on their studies properly.

Career:

Career Guidance, Training and Placement Cell in the institute has a big role as far as career counseling is concerned. This cell counsels/guides the students on regular basis. Career Guidance, Training and Placement Cell runs a PDP (Personality Development Program) program for the students in which students are counseled about career. Training is provided for soft skill development and aptitude so that students perform well during their placements.

Fig: Student counseling form

5.1.9   Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview **and** the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

Yes. The college has a separate Career Guidance, Training and Placement cell, which functions under an incharge TPO and assisted by Department placement coordinators. The functionalities of the cell include.

- Arranging for in-plant industrial training for students during their summer and Intra semester break.
- Encouraging students to become entrepreneurs, through Entrepreneurship Development Programmes.
- Promoting career guidance & counseling through lectures by senior corporate executives and visiting professors.
- Training facilities for students to face competitive exams like GATE, GRE, GMAT, TOEFL and preparing them for the interviews.
- Organizing campus interviews for pre-final and final year students with industrial and business houses of repute from all over India.

The Training and Placements team of the institute:

S.No	Name	Designation	Responsibility
1	Mr. B. Arun Kumar	Assistant Professor, CSE	I/c Career Guidance, Training and Placement
2	Mr. B.srinivasu	Assistant Professor, CSE	Faculty Coordinator
3	Mr. V.Vinod	Assistant Professor, EEE	Department Coordinator, EEE
4	Mr. M.Vijaya Bhaskar	Assistant Professor, ECE	Department Coordinator, ECE
5	Mr. M.Veerraju	Assistant Professor, ME	Department Coordinator, ME
6	Mr. E. Rama Guraviah	Assistant Professor, CE	Department Coordinator, CE
7	Mr. M. Sankar	Assistant Professor, S&H	Trainer
8	Mr. M.Suresh	Assistant Professor, S&H	Trainer

		SRINIVASA INSTITUTE OF ENGINEERING AND TECHNOLOGY Training & Placement Cell 2014-15				

Campus Recruitment Training Schedule for IV-II B.Tech from 10.12.2014 to 13.12.2014

S No	Date	Slot 1 09.50-11.20	Slot 2 11.30-01.00	01.00-01.30	Slot 3 01.30-03.00	Slot 4 03.10-04.40
1	10.12.2014	Introduction	Number system	LUNCH BREAK	Time&Distance	Percentages
2	11.12.2014	Directions/Blood relations	Profit/loss		Puzzles 1	Cubes/ Venn diagrams
3	12.12.2014	Problems on ages/ Interest	Puzzles 2/ DI		Partnerships	Number/ letter series
4	13.12.2014	Time /Work	Coding/ decoding		Averages/Mixture	Probability
	BRANCH	**VENUE**				
	ECE,EEE	CSE Seminar Hall				
	CSE,MECH,CIVIL	EEE Seminar Hall				
	Eligibility Criteria					
	B.Tech	**No.of Backlogs Exempted**			**Principal**	
	60%	2				

		SRINIVASA INSTITUTE OF ENGINEERING AND TECHNOLOGY Training & Placement Cell 2014-15	

Soft-Skills Training Schedule for IV-II B.Tech from 15.12.2014 to 24.12.2014

S No	Date	Slot 1 10.00-01.00	Slot 2 02.10-04.40
1	15.12.2014	CSE/CIVIL/MECH	ECE/EEE
2	16.12.2014	CSE/CIVIL/MECH	ECE/EEE
3	17.12.2014	CSE/CIVIL/MECH	ECE/EEE
4	18.12.2014	CSE/CIVIL/MECH	ECE/EEE
5	19.12.2014	CSE/CIVIL/MECH	ECE/EEE
6	20.12.2014	CSE/CIVIL/MECH	ECE/EEE
7	22.12.2014	CSE/CIVIL/MECH	ECE/EEE
8	23.12.2014	CSE/CIVIL/MECH	ECE/EEE
9	24.12.2014	CSE/CIVIL/MECH	ECE/EEE
	M.SANKAR,Trainer		Principal

		Session – 1	Session - 2	1.10-1.40	Session - 3	Session – 4
		10.00 am-11.30am	**11.40am-1.10pm**		**1.40 pm- 3.10 pm**	**3.20 pm- 4.40 pm**

SRINIVASA INSTITUTE OF ENGINEERING & TECHNOLOGY

COIGN Phase-1 Training

Day	Batch	Session – 1 (10.00 am-11.30am)	Session - 2 (11.40am-1.10pm)	1.10-1.40	Session - 3 (1.40 pm- 3.10 pm)	Session – 4 (3.20 pm- 4.40 pm)
Day - 1 (17-08-2015)	**Batch-1**	Quantitative Aptitude	Verbal Ability	LUNCH	Soft Skills	Reasoning Ability
		Percentages	Basics of Grammar, SV Agreement , SC-Grammar Based		Introduction to Soft Skills, Basics of Communication	Series & Sequence
	Batch-2	Reasoning Ability	Quantitative Aptitude		Verbal Ability	Soft Skills
		Series & Sequence	Percentages		Basics of Grammar, SV Agreement , SC-Grammar Based	Introduction to Soft Skills, Basics of Communication
	Batch-3	Soft Skills	Reasoning Ability		Quantitative Aptitude	Verbal Ability
		Introduction to Soft Skills, Basics of Communication	Series & Sequence		Percentages	Basics of Grammar, SV Agreement , SC-Grammar Based
	Batch – 4	Verbal Ability	Soft Skills		Reasoning Ability	Quantitative Aptitude
		Basics of Grammar, SV Agreement , SC-Grammar Based	Introduction to Soft Skills, Basics of Communication		Series & Sequence	Percentages

		Session – 1	Session - 2	1.10-1.40	Session - 3	Session – 4
		10.00 am-11.30am	**11.40am-1.10pm**		**1.40 pm- 3.10 pm**	**3.20 pm- 4.40 pm**
Day - 2 (18-08-2015)	**Batch-1**	Reasoning Ability	Quantitative Aptitude	LUNCH	Verbal Ability	Soft Skills
		Blood Relations	Percentages-2		Tenses	Presentation Skills
	Batch-2	Soft Skills	Reasoning Ability		Quantitative Aptitude	Verbal Ability
		Presentation Skills	Blood Relations		Percentages-2	Tenses
	Batch-3	Verbal Ability	Soft Skills		Reasoning Ability	Quantitative Aptitude
		Tenses	Presentation Skills		Blood Relations	Percentages-2

	Batch – 4	Quantitative Aptitude	Verbal Ability		Soft Skills	Reasoning Ability
		Percentages-2	Tenses		Presentation Skills	Blood Relations
		Session – 1	*Session - 2*	*1.10-1.40*	*Session - 3*	*Session – 4*
		10.00 am-11.30am	*11.40am-1.10pm*		*1.40 pm- 3.10 pm*	*3.20 pm- 4.40 pm*
Day - 3 (19-08-2015)	**Batch-1 Rm No: 1008**	Shyam	Dr.Babu	LUNCH	Viswas	Kalyan
		Extempore	Calendars		Ratio & Proportions	Numbers
	Batch-2 CSE Seminar Hall	Viswas	Shyam		Seshu	Dr.Babu
		Ratio & Proportions	Extempore		Communication Skills	Calendars
	Batch-3 Rm No 1105	Seshu	Kalyan		Shyam	Viswas
		Communication Skills	Numbers		Extempore	Ratio & Proportions
	Batch-4 Rm No 1106	Dr.Babu	Seshu		Kalyan	Shyam
		Calendars	Communication Skills		Numbers	Extempore
	Batch – 5	Kalyan	Viswas		Dr.Babu	Seshu
		Numbers	Ratio & Proportions		Calendars	Communication Skills
		Session – 1	*Session - 2*	*1.10-1.40*	*Session - 3*	*Session – 4*
		10.00 am-11.30am	*11.40am-1.10pm*		*1.40 pm- 3.10 pm*	*3.20 pm- 4.40 pm*
Day - 4 (20-08-2015)	**Batch-1 Rm No: 1008**	Seshu	Shyam	LUNCH	Dr.Babu	Viswas
		Communication Skills	Extempore-1		Directions	Averages
	Batch-2 CSE Seminar Hall	Kalyan	Viswas		Shyam	Dr.Babu
		Numbers	Averages		Extempore-1	Directions
	Batch-3 Rm No 1105	Dr.Babu	Seshu		Kalyan	Shyam
		Calendars	Basics of Group Discussion		Profit & Loss	Extempore-1
	Batch-4 Rm No 1106	Viswas	Dr.Babu		Seshu	Kalyan
		Ratio & Proportions	Directions		Basics of Group Discussion	Profit & Loss
	Batch – 5	Shyam	Kalyan		Viswas	Seshu
		Extempore	Profit & Loss		Averages	Basics of Group Discussion
		Session – 1	*Session - 2*	*1.10-1.40*	*Session - 3*	*Session – 4*
		10.00 am-11.30am	*11.40am-1.10pm*		*1.40 pm- 3.10 pm*	*3.20 pm- 4.40 pm*
Day - 5 (21-08-	**Batch-1 Rm No:**	Kalyan	Seshu	LU NC H	Dr.Babu	Viswas
		Profit & Loss	Basics of		Time & Work	Coding & De-

		Session – 1	Session - 2		Session - 3	Session – 4
2015)	**1008**		Group Discussion			coding
	Batch-2 CSE Seminar Hall	Seshu	Kalyan		Shyam	Dr.Babu
		Basics of Group Discussion	Profit & Loss		Extempore-2	Time & Work
	Batch-3 Rm No 1105	Viswas	Dr.Babu		Kalyan	Shyam
		Averages	Directions		SI& CI	Extempore-2
	Batch-4 Rm No 1106	Shyam	Viswas		Seshu	Kalyan
		Extempore-1	Averages		Mock G.D`s	SI& CI
	Batch – 5	Dr.Babu	Shyam		Viswas	Seshu
		Directions	Extempore-1		Coding & De-coding	Mock G.D`s
		Session – 1	*Session - 2*	*1.10-1.40*	*Session - 3*	*Session – 4*
		10.00 am-11.30am	*11.40am-1.10pm*		*1.40 pm- 3.10 pm*	*3.20 pm- 4.40 pm*
Day - 6 (22-08-2015)	**Batch-1 Rm No: 1008**	Seshu	Kalyan	LUNCH	Shyam	Dr.Babu
		Mock G.D`s	SI& CI		Extempore-2	Doubts Clarification
	Batch-2 CSE Seminar Hall	Viswas	Seshu		Kalyan	Shyam
		Coding & De-coding	Mock G.D`s		SI& CI	Self Introduction
	Batch-3 Rm No 1105	Dr.Babu	Viswas		Seshu	Kalyan
		Time & Work	Coding & De-coding		Mock G.D`s	Doubts Clarification
	Batch-4 Rm No 1106	Shyam	Dr.Babu		Viswas	Seshu
		Extempore-2	Time & Work		Coding & De-coding	Mock G.D`s-2
	Batch – 5	Kalyan	Shyam		Dr.Babu	Viswas
		SI& CI	Extempore-2		Time & Work	Doubts Clarification
		Session – 1	*Session - 2*	*1.10-1.40*	*Session - 3*	*Session – 4*
		10.00 am-11.30am	*11.40am-1.10pm*		*1.40 pm- 3.10 pm*	*3.20 pm- 4.40 pm*
Day - 7 (24-08-2015)	**Batch-1 Rm No: 1008**	Shyam	Dr.Babu	LUNCH	Santosh	Kalyan
		Resume Writing	Analogy Classification		Clocks	SI& CI-2, T&D-1
	Batch-2 CSE Seminar Hall	Santosh	Shyam		Surya	Dr.Babu
		Clocks	Resume Writing		Simple Equations	Analogy Classification
	Batch-3 Rm No 1105	Surya	Kalyan		Shyam	Santosh
		Simple Equations	SI& CI-2, T&D-1		Resume Writing	Clocks
	Batch-4 Rm No 1106	Dr.Babu	Surya		Kalyan	Shyam
		Analogy Classification	Simple Equations		SI& CI-2, T&D-1	Resume Writing

		Kalyan	Santosh		Dr.Babu	Surya
	Batch – 5	SI& CI-2, T&D-1	Clocks		Analogy Classification	Simple Equations
		Session – 1	*Session - 2*	*1.10-1.40*	*Session - 3*	*Session – 4*
		10.00 am-11.30am	*11.40am-1.10pm*		*1.40 pm- 3.10 pm*	*3.20 pm- 4.40 pm*
Day - 8 (25-08-2015)	**Batch-1 Rm No: 1008**	Surya	Shyam	LUNCH	Siva Rama Krishna	Santosh
		Simple Equations	Personal Interviews		Permutation & Combinations	Seating Arrangements
	Batch-2 CSE Seminar Hall	Kalyan	Santosh		Shyam	Siva Rama Krishna
		SI& CI-2, T&D-1	Seating Arrangements		Personal Interviews	Permutation & Combinations
	Batch-3 Rm No 1105	Siva Rama Krishna	Surya		Kalyan	Shyam
		Permutation & Combinations	Partnership		T&D-2	Personal Interviews
	Batch-4 Rm No 1106	Santosh	Siva Rama Krishna		Surya	Kalyan
		Clocks	Permutation & Combinations		Partnership	T&D-2
	Batch – 5	Shyam	Kalyan		Santosh	Surya
		Resume Writing	T&D-2		Seating Arrangements	Partnership
		Session – 1	*Session - 2*	*1.10-1.40*	*Session - 3*	*Session – 4*
		10.00 am-11.30am	*11.40am-1.10pm*		*1.40 pm- 3.10 pm*	*3.20 pm- 4.40 pm*
Day - 9 (26-08-2015)	**Batch-1 Rm No: 1008**	Kalyan	Surya	LUNCH	Siva Rama Krishna	Santosh
		T&D-2	Partnership		Probability	Figure Series, Puzzels
	Batch-2 CSE Seminar Hall	Surya	Kalyan		Shyam	Siva Rama Krishna
		Partnership	T&D-2		Revision	Probability
	Batch-3 Rm No 1105	Santosh	Siva Rama Krishna		Kalyan	Shyam
		Seating Arrangements	Probability		Revision	Revision
	Batch-4 Rm No 1106	Shyam	Santosh		Surya	Kalyan
		Personal Interviews	Seating Arrangements		Data Interpretation	Alligation & Mixtures
	Batch – 5	Siva Rama Krishna	Shyam		Santosh	Surya
		Permutation & Combinations	Personal Interviews		Figure Series, Puzzels	Data Interpretation
		Session – 1	*Session - 2*	*1.10-1.40*	*Session - 3*	*Session – 4*
		10.00 am-11.30am	*11.40am-1.10pm*		*1.40 pm- 3.10 pm*	*3.20 pm- 4.40 pm*

				LUNCH		
Batch-1 Rm No: 1008	Surya	Kalyan		Shyam	Siva Rama Krishna
	Data Interpretation	Alligation & Mixtures		Revision	Doubts Clarification
Batch-2 CSE Seminar Hall	Santosh	Surya		Kalyan	Shyam
	Figure Series, Puzzels	Data Interpretation		Alligation & Mixtures	Revision
Batch-3 Rm No 1105	Siva Rama Krishna	Santosh		Surya	Kalyan
	Probability	Figure Series, Puzzels		Doubts Clarification	Doubts Clarification
Batch-4 Rm No 1106	Shyam	Siva Rama Krishna		Santosh	Surya
	Revision	Probability		Figure Series, Puzzels	Revision
Batch – 5	Kalyan	Shyam		Siva Rama Krishna	Santosh
	Alligation & Mixtures	Revision		Doubts Clarification	Doubts Clarification

Note: The first column spans "Day -10 (27-08-2015)".

SRINIVASA INSTITUTE OF ENGINEERING & TECHNOLOGY
TRAINING & PLACEMENT CELL
2015-16 I Semester

INTERNAL TRAINING TIME TABLE

DAY/ HOUR	08:10-09:00	09:00-09:50	9:50-10:20	10:40 - 11:30	11:30-11:40	11:40-12:30	12:30-01:20	01:20 - 02:10	02:10-03:00	03:00-03:50	03:50-04:40
MON						**AECL/ME-B**				**CSE-A**	
TUE						**ME-B**				**EEE**	
WED						**CE**				**CSE-B**	
THU						**ECE-A**				**AECL/ME-A**	
FRI										**ECE-B**	
SAT										**ME-A**	

FACULTY DETAILS

SIDDHARTHA PRATAPA

Principal

Placement Data

No. of placements for the batch (On campus + off campus)				
Year	2012-2016	2011-2015	2010-2014	2009-2013
Number	303	212	115	170

Year wise List of Recruiters

2015-2016

SRINIVASA INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE. Affiliated to JNTUK, NH-216, Cheyyeru, AMALAPURAM-533222

Placement Data of 2012-16 Batch during 2015-2016

S. No	Name of the Company	Date of Visit	No of Students Placed	Department Wise Selections				
				CSE	ECE	EEE	MECH	CIVIL
	Eligible Students 324			78	105	42	68	31
1	Maintec, Bangalore	10 & 11-09-2015	41	11	12	4	8	6
2	Wipro bps, Kolkata	29-09-2015	7	3	2	2		
3	Amplus, Bangalore	2/11/2015	9	3	6			
4	Accurate Steel, Chennai	7/11/2015	15				15	
5	GOOD THROUGH, Bangalore	17/12/2015	14	5	8	1		
6	JAGRATI CONSTRUCTIONS, Delhi	17/12/2015	7				5	2
7	PHY Research, Delhi	17/12/2015	11					11
8	VoltechTechnologies, Chennai	26/12/2015	4			4		
9	Lintech Electric, Delhi	30/1/2016	20			12	8	
10	Mind Tree, Hyderabad	28/01/2016	1	1				
11	Viitor Cloud Technologies, Ahemadabad	1 & 2/2/2016	8	8				
12	Karma It Solutions, Chennai	6/2/2016	32	12	19	1		
13	HCL Talent Care, Hyderabad	19/2/2016	16	6	8	2		
14	Value Labs, Hyderabad	26/2/2016	3	2	1			
15	West Line Shipping, Ahemadabad	29/2/2016	47	4	8	9	24	2
16	IBM EXPERIS-IT,Bangalore	14/3/2016	20	5	15			
17	TCS,Hyderabad	21/3/2016	2	2				
18	FACE,Hyderabad	31/3/2016	2	1	1			
19	Tata Business Support Services,Hyderabad	4/4/2016	7	3	4			
20	Relgo Networks pvt.ltd,Hyderabad	24/3/2016	2	1	1			
21	Maha Electronics Pvt Ltd	14/5/2016	35	7	20		8	
				74	105	35	68	21
	College Total Placement			303				

* Eligibility criteria - 60% and above through out with 2 backlogs

Placement Officer

2014-2015

SRINIVASA INSTITUTE OF ENGINEERING & TECHNOLOGY

Placement Data of 2011-15 Batch during 2014-2015

S. No	Name of the Company	Date of Visit	No of Students Placed	Department Wise Selections				
				CSE	ECE	EEE	MEC	CIVIL
1	Kimberlite, Hyderabad	08-11-2014	9	7	2			
2	Eider Motors Ltd,Hyderabad	18-12-2014	11			4	7	
3	Viitor Cloud Technologies PVT.LTD, Ahmadabad	27-12-2014	7	7				
4	Pentagon Rugged Systems, Hyderabad	09-01-2015	10		9	1		
5	Maintec, Noida.	10-01-2015	32	9	18	2		3
6	Dharani Info Technologies Pvt. Ltd Guntur	24-01-2015	1		1			
7	ProFetch, (A Professional web concierge) Hyderabad	03-02-2015	6	2	3			1
8	Voltech Technologies, Chennai	06-02-2015	10			10		
9	Bhanodayam Industries, Secunderabad	23-02-2015	9				4	5
10	JAGRATI Civil Constructions Pvt. Ltd., Chennai	07-03-2015	10				5	5
11	Pratian Technologies, Bangalore	10-03-2015	1	1				
12	Natural Power Asia Pvt Ltd., Hyderabad	07-03-2015	9		4	5		
13	Swara Akshara InfoTech, Hyderabad	24-03-2015	17	13	4			
14	M/s. Traitsys., Bangalore	25-03-2015	4	4				
15	M/s. TATA CONSULTANCY SERVICE LIMITED,Hyderabad	Off Campus	1			1		
16	IBM India PVT LTD, Bangalore	01-04-2015	32	10	20	2		
17	E2KONCEPT, Hosur	08-04-2015	18				18	
18	Tech Mahindra,Hyderabad	23-06-2015	1		1			
19	Maha Electronics Pvt Ltd.,Hyderabad	25-06-2015	24	7	16	1		
				60	78	26	34	14
	College Total Placement			212				

Placement Officer

2013-2014

SRINIVASA INSTITUTE OF ENGINEERING & TECHNOLOGY

Placement Data of 2010-14 Batch during 2013-2014

S. No	Name of the Company	Date of Visit	No of Students Placed	Department Wise Selections			
				CSE	ECE	EEE	CIVIL
1	Concierge Technologies Pvt Ltd,Lucknow	06-12-2013	5	1	3	1	
2	Voltech Group, Chennai	14-02-2014	18			18	
3	Analytical Technologies, Baroda	14-03-2014	34	7	22	5	
4	Glansa Solutions,Hyderabad	14-04-2014	6	2	4		
5	Tech Mahindra ,Chennai	20-04-2014	26	10	16		
6	Faunus Info Solutions PVT LTD,Bangalore	21-04-2014	6	4	2		
7	Rise, Hyderabad	31-05-2014	8	8			
8	Globussoft,Mumbai	12-06-2014	12	4	7	1	
				36	54	25	0
	College Total Placement			115			

Placement Officer

2012-2013

SRINIVASA INSTITUTE OF ENGINEERING & TECHNOLOGY

Placement Data of 2009-13 Batch during 2012-2013

S. No	Name of the Company	Date of Visit	No of Students Placed	Department Wise Selections			
				CSE	ECE	EEE	CIVIL
1	Seanergy Softech Solutions Pvt. Ltd., Hyderabad.	13-06-2012	7	7			
2	Externetworks, Hyderabad	24-07-2012	9		9		
3	E- Merchants,Hyderabad	17-09-2012	7	3	4		
4	Microcreations Technocrats Pvt Ltd.,Hyderabad	22-08-2012	2	2			
5	UTBS INDIA Ltd,Delhi	08-09-2012	5	3	1	1	
6	A.S.Consulting Associates, Hyderabad	09-12-2012	18				18
7	Narolis,Bangalore	09-02-2013	10	3	3	4	
8	Kochar Tech,Chennai	27-03-2013	23	5	8	10	
9	LIC Life Pluse,visakhapatnam	14-09-2012	79	20	30	13	16
10	C Soft Technologies, Visakhapatnam	09-04-2013	10	8	2		
				51	57	28	34
	College Total Placement			170			

Placement Officer

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 student grievance redressal cell headed by the co-ordinator comprises senior faculty members (including lady faculty members).

The committee members of the cell are as given below:

S.No	Name of the Faculty	Department	Position Held
1	Dr.D.Ranga Raju	MECH	Co-ordinator
2	Dr.R.John Mathew	CSE	Member
3	A.V.S.S.Varma	ECE	Member
4	V.Venkanna	CSE	Member
5	Y.Yesu Jyothi	CSE	Member
6	M.S.V.S.Sastry	Office	Member

The basic functions of the cell are

- It conducts a thorough review/study on the grievance received from the aggrieved students, including instances of ragging.
- It submits the recommendations to the principal.

Following are the facilities upgraded / provided based on the student request in the recent past:

- Workshop on IOT (ROBOKART in association with IIT Bombay)
- Gymnasium
- Basket ball court
- Indoor games
- Videos in Digital Library (NPTEL)
- ATM

5.1.11   What are the institutional provisions for resolving issues pertaining to sexual harassment?

The college has a Women Empowerment Cell to uphold the dignity of Women at college and to facilitate a gender sensitive and congenial work environment at college so that female students are not subjected to gender-specific discrimination or sexual harassment.

The Women Empowerment Cell is also intended for addressing the grievances of the girl students regarding sexual harassment. The composition of the cell comprises one senior lady faculty member as convener and other faculty and students as members.

No	Name	Department	Position Held
1	Y.Yesu Jyothi	CSE	Coordinator
2	M.S.Mallika	ECE	Member
3	N.Umadevi	S&H	Member
4	R.Anusha	CSE	Member

No	R.No.	Name	Department	Position Held
1	136N1A05B2	V.Manmitha	IV/CSE	Student Coordinator
2	146N1A0475	G.Durga Prasanna	III/ECE	Student Member
3	156N1A0210	CH.Sai suma	II/EEE	Student Member
4	166N1A0110	G.Leelaambika	I/S&H	Student Member

Table: Women Empowerment Cell

The basic functions of the cell are:

- The Cell organizes meetings for women and sensitizes them on security measures and on their conduct and behaviour, so as to avoid untoward incidents.

- To ensure that the girl students concentrate more on their studies than on other permissive activities

- To counsel the girl students by giving guidelines and tips to handle any awkward, embarrassing and sensitive situations, including ragging, teasing, harassing, etc. intelligently and cleverly instead of becoming a victim of such situations

- To organize programs in order to improve the gender equality and financial independence of the woman students and also to implement all the programs and activities as envisaged and communicated by the university and the Government of India

- To organize any other programs or activities as deemed appropriate to empower the girl students so as to enable them to realize their goals and aspirations in life

- The college is very proud to share that, till date no such case of sexual harassment has been reported in the college.

Women empowerment cell is active and conducts various events related to Women staff and girl students every year:

- Women's day
- Sankranthi Sambaralu

Fig: Sankranti Sambaralu

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Yes. The College has an anti-ragging committee as per the JNTUK Norms.

S.No	Staff member Name	Department	Position Held
1	Dr. D Ranga Raju	Principal	Chairman
2	Dr.R.John Mathew	CSE	Coordinator
3	V.Venkanna	CSE	Member
4	A.V.S.S.Varma	ECE	Member
5	Y.Yesu Jyothi	CSE	Member
6	M.S.V.S.Sastry	Office	Member

Table: Anti ragging committee

The basic functions of the cell are:

- To create self-confidence and congenial environment among the newly admitted students by the way of conducting frequent interactive sessions to clear the doubts related to academic matters, social interaction and compatibility. The counseling and guidance cell provides ragging free campus for newly admitted students to have pleasant and fruitful academic stay in this college

- Faculty members are deputed at various locations inside the college campus to monitor the student activities. They ensure that no student groups are formed and if any are observed, the group is displayed at various places to make the students aware of the seriousness of the administration in preventing ragging.

- To conduct an enquiry and identify the culprits on receiving such complaint

- Based on the first hand information and prima facie evidence, the committee submits its report to the Principal for necessary disciplinary action. Severe punishment will be imposed on the accused, if proven

- No ragging instances took place in the last four years on the campus.

To prevent ragging the following measures are being followed:

1. Separate timings for 1st year students.
2. Separate transport facility for 1st year students.
3. Prohibition of ragging in educational institutions act 26 of 1997 is displayed at various places in the college premises.
4. Conducted anti-ragging awareness program for senior students by police department.
5. Displayed the anti ragging committee members' names with phone numbers in the notice board.

Ragging in all its forms and names is banned on the campus of Srinivasa Institute of Engineering and Technology. Any student of this college who is found indulging in this heinous act will be punished as per the anti-ragging Act 1997 of Andhra Pradesh. All measures are taken by the college to curb this evil practice.

An Anti-ragging committee is constituted with the following members of faculty. The members of this committee shall deliberate and suggest measures to be taken by the college to prevent and eradicate ragging. The committee shall also review the situation from time to time and suggest suitable measures to curb ragging.

Students and parents are requested to help the college to eradicate this menace of ragging by giving information about incidents of ragging.

Prohibition of Ragging in Educational Institutions

Act 26 of 1997

The nature of punishment awarded to the students indulging in ragging activities is given below. Ragging is an uncivilized activity and hence is strictly prohibited in all Educational Institutions. Ragging is a cognizable offence, punishable under act 26 of 1997 (Andhra Pradesh prohibition of Ragging Act) promulgated by A.P. Legislative Assembly.

Salient Features

Ragging within or outside any educational institution is prohibited. Ragging is an act which causes or is likely to cause insult or annoyance or fear or apprehension or threat or intimidation or outrage of modesty or injury to a student.

S. No	Nature of Ragging	Punishment
1	Teasing Embarrassing & Humiliation	Imprisonment up to 6months or fine up to Rs. 1,000/- or both.
2	Assaulting or using Criminal force or Criminal intimidation	Imprisonment up to 1 year or fine up to Rs. 2,000/- or both
3	Wrongfully Restraining or confining Or causing hurt	Imprisonment up to 2 years or fine upto Rs. 5,000/- or both
4	Causing grievous hurt, Kidnapping or rape or Committing unnatural offence	Imprisonment up to 5 years or fine upto Rs. 10,000/- or both
5	Causing death or Abetting suicide	Imprisonment up to 10 years or fine upto Rs. 50,000/- or both

NOTE:

1. A student convicted of any of the above offences will be dismissed from the College.

2. A student imprisoned for more than six months for any of the above offences will not be admitted in any other college.

3. A student against whom there is prima facie evidence of ragging in any form will be suspended form the college immediately.

4. The full text of Act 26 is placed in the college library for reference.

Emergency Phone No

Toll Free No	:	1800-180-5522
Police Control Room	:	100
Crime Stopper	:	109

5.1.13 Enumerate the welfare schemes made available to students by the institution.

- Amenities buildings which provide facilities like canteen, auditorium, indoor games, and gymnasium, reading room and separate waiting rooms for boys and girls.

- Students are provided with Wi-Fi connection in the college campus.

- Accidental insurance to the students.

- Financial support and need based facilities to economically week students.

- College attached hostels for boys and girls separately.

- Pure drinking water facility is provided on each floor.

- Career Guidance, Training and Placement service is provided to the students.

- Medical services are provided to the students in the college premises.

- Grievance Redressal Cell and Women Empowerment Cell are established for students.

- Financial assistance in the form of tuition waiver, scholarship to the poor students is given by the management.

- Bank Loan Facility for students.

- Cash prizes and certificates for university rank holders are given in every semester of all branches.

- Wide publicity is given for university rank holders.

- Cash award for college topper.

- Award of freeships and scholarships on the basis of merit and merit-cum-means.

- Certificates and awards for students who excel in Inter-collegiate sports and cultural competitions.

- College award for best student

HR Manual –Section 9 Incentives – Students:

9.1.1 The Management is pleased to announce the following incentives and rewards for Students:

9.1.1.1 Student securing 1st and 2nd ranks in a semester, Rs 500/- and Rs 300/- Cash awards and additional library tokens (But have to get minimum 80% Marks).

9.1.1.2 Students achieving/maintaining 1st and 2nd ranks are eligible for 25% FEE WAIVER during the subsequent year (But have to maintain minimum 80% Marks).

9.1.1.3 For any University Rank holder (Top 3 Positions), 50% Fees will be refunded. For Others (4 to 10 Positions), 25% Fees will be refunded.

9.1.1.4 There will be a BEST-OUTGOING STUDENT AWARD

9.1.1.5 There will be BEST STUDENT AWARD (Department-wise).

9.1.1.6 50% of Professional Society Fees (annual) will be paid for Students with 80% aggregate.

9.1.1.7 There will be free personality development, entrepreneur-ship, ethics, and communications skills, computing skills and placement specific programs for Students.

9.1.1.8   There will be free and subsidized add-on skills programs as per Industries Requirements.

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 College has a registered alumni Association (NO: 350 of 2016, Alumni Association of Srinivasa Institute of Engineering and Technology). Alumni Association is under the leadership of a Sr. Faculty. The Alumni Association was started in the year 2015. Its motive is to bring together all the alumni to share their experiences and to extend their help and provide guidance to the budding engineers of the college.

All the passed out students of the college became members of the alumni association. The Alumni are spread around the globe; support the college in various activities. It organizes yearly meet in the college or any city. Alumni Association organizes various technical seminars/guest lecturers, motivates and guides students for their academic improvement and career planning.

"AASIET'

(Alumni Association of Srinivasa Institute of Enginnering and Technology)
OFFICE BEARERS

S. No.	Name of the Alumni	Designation
1	P.P.N.G.Phani Kumar	President
2	V.Vamsi Krishna	Vice- President
3	K.Anvesh Varma	Secretary(Chief Operational Officer)
4	M.RamaKrishnaRaju	Treasurer(Chief Financial Officer)
5	G.Chandu Harsha	Member
6	G.Kartik	Member
7	P.Rama Krishna Varma	Member
8	Y.K.Chaitanya	Member
9	K.Renuka	Member

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last three batches) highlights the trends observed.

Student Progression (Higher Education)

Branch	UG to PG Batch wise (Percentage)		
	2010-14	2011-15	2012-16
ECE	8.10	3.3	4.87
EEE	7.8	6.1	11.18
CSE	2.2	2.6	1.62
CE	12.6	4.6	10.16
ME	--	1.6	2.5

Student Progression (Employment)

Branch	(Percentage)					
	2010-14		2011-15		2012-16	
	on campus	off campus	on campus	off campus	on campus	off campus
ECE	69.23	00	90.70	00	98.10	1.90
EEE	60.98	00	73.53	2.94	83.33	00
CSE	48.65	00	72.29	00	89.74	5.13
CE	00	00	50.00	00	67.74	00
ME	--	--	58.62	00	100	00

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years. Furnish programme –wise details in comparison with that of the colleges of the affiliating university within the city/district.

Result Analysis – UG

Branch	B.Tech Pass Percentage			
	2009-13	2010-14	2011-15	2012-16
ECE	94.92	90.99	91.67	88.62
EEE	87.88	82.35	88.89	77.46
CSE	87.93	88.89	90.57	83.90
CE	93.44	72.41	86.44	80.70
ME	--	--	81.97	81.30

Result Analysis – PG

Branch	M.Tech Pass Percentage	
	2012-14	2013-15
ECE	80	69.23
CSE	93.75	88.23

5.2.3 How does the Institution facilitate student progression to higher level of education and/or towards employment?

The institution encourages the student community to take various competitive examinations. Particularly, the students are given orientation and guidance to appear for GRE and GATE examinations.

The college has well-established and well-equipped English language laboratory which will be useful to the students who are aspiring to appear for GRE and TOEFL examinations. Apart from the regular training by full time faculty of SIET, professional agencies are hired to give a refresher course or a crash course to the students on that particular exam.

The same training also helps the students to appear for the examinations of Central /State services, Defense, Civil Services, etc. Also, co-curricular topics like Quantitative, verbal and nonverbal aptitude, Group discussion, Technical quiz are incorporated in the regular academic time-table for all the students, so that they can start practicing in a small way and gradually buildup the pace and ultimately realize their goals.

Regular campus recruitment training includes aptitude, arithmetic, reasoning and soft skills for final year students by leading training assessment partners like T.I.M.E. Institute, APTISOL Seminars, guest lectures and demos are conducted for final year and pre-final year students by eminent people from Industries and academics.

5.2.4 What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOEFL / GMAT / Central / State services, Defense, Civil Services, etc.

Year wise No. of students qualified in GATE

Branch	2012-13	2013-14	2014-15	2015-16
EEE	-	1	0	-
ECE	1		1	1
CSE	-	1	1	-
ME	-	-	-	-
CE	-	-	1	2
Total	01	02	03	03

No. of students Qualified in GRE /TOEFL /CAT / PGECET etc.,

Academic Year	PGECET	CAT	GRE / TOEFL/ IELTS
2015-2016	16	-	2
2014-2015	19	-	2
2013-2014	16	-	2
2012-2013	07	-	4

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

- At first, identifying academically weak students and grouping them as a team.

- Course material is provided and remedial classes are arranged for those students after college hours.

- Conducting assessments and evaluating their learning capability.

- Conducting frequent counseling by the class teachers.

- Discussions with the parents.

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extra curricular activities available to students. Provide details of participation and Program calendar.

5.3.1.1 Sports & Games Facilities:

- The Physical Education training wing looks after the games and sports activities. The wing is headed by a qualified and experienced Physical Director. Required infrastructure is made available. The college has exclusive room for indoor games and outdoor games facilities and playground. Following are the details of various facilities for sports and games.

S.No	Name of the Game/Sport	Items Name	Number(or)Capacity
1	Carom	Carom board	6
2	Throw ball	Ball, net, court	1
3	Cricket	Ball, bat, stumps, ground	1
4	Tennicoit	Ring, net, court	1
5	Volleyball	Ball, net, court	2
6	Badminton	Court	1

7	Kho-kho	Pole, ground	1
8	Kabaddi	Court	1
9	Chess	Chess board	10
10	Athletics	Track	1
11	Basketball	Court, Ball	1
12	Table tennis	Table, bat, ball	2
13	Hand Ball	Court, ball	1

Various sports and games facilities available within institution premises. As a practice, we conduct separate selection trials for students to test their level and to train them. Students with adequate talent are encouraged to participate in Inter-collegate tournaments. The participation of students in games and sports activities are fundamentally of two types.

i) **Intramural games & sports activity:**

Intramural competitions will be conducted at regular intervals and the prizes will be distributed on Sankranthi sambaralu function conducted by the college.

Summarized Data about intramural games & sports

Academic Year	Sports / Events	No. of Students Participated	No. of Students Won Prizes
2016-17		279	70
2015-16	Cricket, Volley ball, Ball badminton, Kho-Kho, Kabbdi, Throw Ball, Tennikoit, Caroms, Chess, Table Tennis.	417	53
2014-15		461	70
2013-14		222	48

ii) Extramural activities outside the college: SIET encourages students to participate in events organized at various levels of competitions.

Summarized Data about Extramural activities

Academic Year	Type of Event	No. of Students Participated	No. of Students Won Prizes
2016-17	Inter-collegiate / District	53	00
	Inter- University / State	-	-
	South zone university /National	-	-
	All India university / Inter National	-	-
2015-16	Inter-collegiate / District	135	12
	Inter- University / State	05	03
	South zone university /National	-	-
	All India university / Inter National	-	-
2014-15	Inter-collegiate / District	133	08
	Inter- University / State	--	--
	South zone university /National	01	01
	All India university / Inter National	---	---
2013-14	Inter-collegiate / District	28	00
	Inter- University / State	03	00
	South zone university /National	-	-
	All India university / Inter National	-	-

Summarized Data about Extramural activities for Diploma

Academic Year	Type of Event	No. of Students Participated	No. of Students Won Prizes
2016-17	IPSGM, District	30	03
	State (Chess)	01	04
	State (Badmentan)	01	01
	State (Volley ball)	01	00
2015-16	IPSGM, District	17	03
2014-15	IPSGM, District	18	01

Gymnasium: Gymnasium facility is provided for boys and girls.

Facilities for Girl Students:

- The college encourages participation of girl students in intra and inter-college sports & games competitions and cultural activities. The Following are the sports & games and cultural activities arranged by the College.

Indoor: Caroms, Chess, Table Tennis, Badminton, etc.

Outdoor: Volleyball, Cricket, Throwball, Badminton, Kho-Kho, Hand-Ball etc.

5.3.1.2 Cultural activities:

- Cultural activities pertaining to sankranthi sambaralu are under the supervision of Events committee members.
- Cultural activities pertaining to college events are under the supervision of Events committee members.
- Remaining departments also conduct such activities every year regularly as part of their respective Department activities.

Event: Sankranthi Sambaralu

Academic Year	Activity	No. of Students Participated	No. of Students won Prizes
2016-17	RANGOLI	64	04
	GAMES STALL	180	08
	FOOD FESTIVAL	200	08
2015-16	RANGOLI	59	3
	GAMES STALL	24	4
	FOOD FESTIVAL	28	5
2014-15	RANGOLI	53	5
	GAMES STALL	22	3
	FOOD FESTIVAL	9	3
2013-14	RANGOLI	65	5
	GAMES STALL	27	3
	FOOD FESTIVAL	14	3

RANGOLI AND BHOGI

SANKRANTHI

Event: Sankranthi Sambaralu

Activity: Theme Stall

College takes privilege in motivating the students and staff in "SAVE EARTH" theme concept every year during Sankranthi sambaralu such as

1. **"SAY NO TO PLASTIC"** Organized by CIVIL department on 11th Jan, 2014.

2. **"SAVE ENERGY – SAVE EARTH – SAVE LIFE"** Organized by EEE department on 10th Jan, 2015.

3. **"NON CONVENTIONAL SOURCE OF ENERGY"** Organized by ME department on 9th Jan,2016.

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and activities at different levels: University / State / Zonal / National / International, etc. for the previous four years

The students of SIET actively participate in various events organized by different institutions and have won many laurels.

a) **External –Participation of students in co-curricular activities:**

Summarized data about External-Participation of students in co-curricular activities

Academic Year	Activity	No. of Students Participated	No. of Students won Prizes
2016-17	Technical Paper Presentations	15	9
	Technical Poster	12	6
	Technical Exhibitions	27	19
	Technical Quiz	16	9
2015-16	Technical Paper Presentations	26	13
	Technical Poster	5	0
	Technical Exhibitions	22	12
	Technical Quiz	15	8
2014-15	Technical Paper Presentations	7	1
	Technical Poster	2	1
	Technical Exhibitions	1	3
	Technical Quiz	5	1
2013-14	Technical Paper Presentations	5	5
	Technical Poster	2	0
	Technical Exhibitions	1	1
	Technical Quiz	3	0

b) **External –Participation of Students in extra-curricular activities***:*

Summarized data about External-Participation of Students in extra- curricular activities

S.No	Academic Year	Category of Event (Sports/Games)	Name of the Event	Place of the Event	No. of Students Participated	No. of Students Won Prizes
1	2015-16	University	South Zone Participation	Andhra University,vizag	05	01
2	2014-15	Zonal	B - Zone	Aditya , Surempalem	28	00
3	2013-14	Zonal	B - Zone	Jntuk,kakainada	28	00

Student selected for South Zone – Volley Ball

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 feedback is taken from all the outgoing students every year by seeking their opinion on the delivery of academic content, infrastructural facilities, library facilities, computer and internet facilities, games & sports facilities and training facilities, etc.

- The feedback of the present students on the campus is compiled and all the suggestions made by the students are taken into consideration for effective development and improvement of organization and its structure.

- The feedback of graduates and employers is also considered and the ideas from them are used for the development of the institution.

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.

- College has quarterly magazine providing information with regard to the achievements and other activities of all the departments and also provides opportunities to students and faculty to communicate the latest trends in science and technology.

- Students are given the required motivation by publishing their own creations like drawings, quotes, etc., and conceptual help for preparing technical papers at National level paper contests and technical fests.

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Yes. The following are the Student Associations of the different departments of the college.

- ECE Association
- EEE Association
- CSE Association
- MECH Association
- CIVIL Association
- A Student Council is formed to focus on academic performance and improvement, class work status, bridge course, requirement of special classes / workshops/ training programs, digital library, organizing various academic events at institution level, NSS activities, and other related issues.
- This student council is functioning under the guidance of Head of the Institution. College academic committee members, senior staff and students are members of this council.
- This council is re-constituted in the beginning of every academic year.

  Student council meetings are arranged twice in a semester and based on its resolutions necessary actions / activities are initiated. Institution is supporting this council in financial aspect.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them. Provide details of their activities.

- SIET has various academic and administrative bodies that have student representatives as members. This representation helps institution, as well as all the stakeholders to travel on the line of overall development. SIET students are nominated as members of various committees like:

Academic Bodies

- **Class Monitoring Committee** – All Class Representatives (CR's) of each class

Administrative Bodies

- **Anti Ragging committee** – Principal, Head and a senior faculty of each department and minimum two students from each branch formed as a committee.
- **Women Empowerment Cell** – Four Lady faculty members and Students from each branch formed as committee.
- **Hostel Committee** – All Hostel Representatives(HR)" from each class

- **Institutional Level Activities committees** like Sankranti Sambaralu, Tech-Fest and Freshers' Day.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

5.3.7.1 Communication with the Alumni:

The college management and the faculty of all the departments participate in the alumni meetings on invitation and consider their suggestions for the development of the organization.

- The Alumni development committee from all the departments organizes specific format to gather the details of old students' data in a systematic manner. It helps us a lot and thereafter it will help us to arrange guest lectures on latest technologies for the benefit of present students.

- The department considers the suggestions of alumni on various developmental activities by sending mails.

5.3.7.2 Network with the Former Faculty Members:

The college is happy that the faculty members who have left the college maintain good communication with the college and they are invited to all the important events in the college as judges and departments invite their former faculty members to deliver guest lectures.

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

To develop the institution into a world class destination for technological education and research

Mission

- To impart high quality, industry relevant, career oriented, engineering education to rural students to translate our vision into a reality
- To provide the best of instructional and institutional infrastructure facilities
- To have strategic linkages with industry and other institutions
- To mould students to meet the challenges of life with ethics, courage and conviction

The characteristics or various features of the institution are:

- Highly qualified and dedicated faculty.
- Fully equipped laboratories.
- Fully furnished library with digitalization.
- E-Library with high speed internet facility.
- Hygienic canteen.
- Excellent sports and games facilities.
- Well organized transport facility.
- Regular expert lectures.

All the above speak of vision of the management and reflect in the objectives to be achieved through mission. The institute has plans to open several programs in several disciplines and ultimately to become an autonomous university in the region.

6.1.2 What is the role of top Management, Principal and Faculty in design and implementation of its quality policy and plans?

Top management continuously reviews the programs which are initiated as per the advice of the governing body of the institution. Management also controls the finances and sees that finances are utilized for improving quality in teaching learning process. Principal, following the recommendations of IQAC members, ensures that the standards of the learning process and evaluation process are maintained.

Faculty members are mainly responsible for the upkeep of academic standards in the institution. By introducing evaluation methods like group discussions, quiz programs, slip tests, regular assignments and seminars etc., are included in their own methods to promote learning abilities of students.

6.1.3 What is the involvement of the leadership in ensuring:

- The policy statements and action plans for fulfillment of the stated mission
- Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan
- Interaction with stakeholders
- Proper support for policy and planning through need analysis ,research inputs and consultations with the stakeholders
- Reinforcing the culture of excellence
- Champion organizational change

Leadership exists in a four tier system in the institution

- Management
- Principal
- Faculty
- Administration

Each one takes decisions, in consultation with the other, at their own level in all aspects concerned. Policy statements and action plans are made by the management and funds are released towards the expenditure involved. The principal and administration implement action plans and decide on various operations and their timing within the constraints of strategic plans of the management.

Principal interacts with stakeholders and arrange parent-teacher meeting to discuss various aspects regarding teaching learning process. Principal receives feedback from stakeholders like

employees, alumni and gives a face-lift to the existing systems based on the guidance and suggestions received.

Administration is responsible for implementing all the action plans cautiously, especially, in creating infrastructure facilities and other facilities as and when they are required.

The culture of excellence is the mark of all the participants namely management, principal, faculty and administration.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

The institute mainly depends upon the feedback process adopted at various levels. Students' feedback enables the principal to monitor and evaluate quality of teachers and to take necessary steps like faculty development programs. Feedback from employers, alumni and parents often help the institution to monitor academic programs and enable assessment of quality of teaching learning process. Internal Quality Assurance Cell (IQAC) and the academic council review the faculty feedback to help the institute assess the value of programs being offered.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

After formulating vision, mission of the institute and Program Educational Objectives, top management leaves achievement of the objectives to administration and faculty.

An Academic Council at institute level and academic committees at department level are formed in which the faculty members are the main members. All academic programs are reviewed by these committees. Faculty members are free to introduce their own testing methods other than what are stipulated by the affiliating university.

6.1.6 How does the college groom leadership at various levels?

The institute functions mostly with decentralized power at various levels. The administrative officer holds the authority to take decisions regarding infrastructure facilities and maintenance of other utilities and facilities. Principal is academic as well as administrative head to control all activities regarding teaching learning process. Various departments are headed by heads of the departments to make all the decisions in respect of academic activity like timetables, allotment of work load, result analysis in their individual departments. Heads of the departments are responsible for student's performance.

Heads of the departments in turn appoint, for each laboratory under their jurisdiction, officers in charge of laboratories from faculty who will be taking the decisions regarding

maintenance of discipline in laboratories, running scheduled classes, maintenance of equipment with the help of technical staff and maintenance of stock registers. They fix lab schedules for students and arrange for evaluation of laboratory work, assignment of marks and keeping records of students safely.

The NSS units supervised by a faculty member, who decides upon various programs to be undertaken, looks after budget requirements, arrangement of transport facilities for activities in the villages near by.

Students are entrusted with the work of organizing technical festivals, college days, class seminars etc. and are also involved as leaders to organize department seminars, workshops, extension lectures etc. In this way the leadership is groomed at every stage in the institute.

And the institute has various committees with faculty coordinators, student coordinators and non teaching staff.

S.No	Name of the committee	Name of the coordinator
1	Academic Advisory Committee	Dr. D Ranga Raju
2	College Academic Committee	Dr. D Ranga Raju
3	Student Counselling/Grievances Redressal committee	Dr. D Ranga Raju
4	Purchase/ Stores	Dr. D Ranga Raju
5	Public Relations, Press & Media Publication	Mr. K.Sri rama Krishna
6	R&D, Consultancy	Dr. R J Mathew
7	Career Guidance, Training and Placement Cell	Mr. B Arun Kumar
8	Hostel Committee	Mr. A.V.S.S.Varma
9	Canteen House Keeping/ Hygiene/ Sanitation/ General Maintenance	Mr. G Nageswararao
10	NSS Committee	Mr. M Venkateswara Rao
11	Social Welfare(BC/SC/ST)	Mr. G.Satti Babu
12	Anti Ragging Committee	Dr. D Ranga Raju
13	Sports & games	Mr. K.Sandeep
14	Transport Committee	Mr. A Veera raju
15	Arts/Cultural Committee	Mr. A V C Janaki Ramayya
16	Department Associations Committee	Mr. G Ravi Kumar
17	Examinations/Time-Table/Admissions	Dr. R J Mathew
18	Library	Mr K V Ramana Murthy
19	Industry Institute Partnership Cell	Mr K V Ramana Murthy
20	EDC	Mr K V Ramana Murthy
21	Website/ICT/Internet Committee	Mr. N Santosh Kumar
22	Alumni Coordination Committee	Mr. M Rama Krishna Raju
23	Internal Quality Assurance Cell	Dr. R J Mathew
24	Women Empowerment Cell	Mrs. Y YesuJyothi
25	Right to Information Cell	Dr. R J Mathew
26	Professional Societies Activities Committee	Mr. G Ravi Kumar
27	Electrical/Computer Network Maintenance Committee	Mr. G Nageswara Rao
28	Faculty/ Staff Grievance	Dr. R J Mathew
29	Health Center	Ms. M.Lakshmi Durga

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?

Management delegates authority to the principal to carry out all academic and administrative activities without interference.

The principal in turn delegates authority to the heads of the departments to decide the requirements like equipment to be purchased, allotment of faculty to class work, keep discipline among students. The HODs are instrumental in deciding on all co-curricular and extracurricular activities to be organized for students, books to be ordered for purchase by the central library, maintenance of quality in teaching learning process, representing the department's special requirements to the administration, participating in academic council meetings and give suggestions for improving academic activity of the institute.

Each head of the department is given adequate monitory support for maintenance and improvement of infrastructure facilities. NSS unit is organized by an NSS officer, placement cell is organized by the placement officer, and the physical director organizes all sports and games. Various budgets for each wing are also organized by the concerned heads of the units. The concerned officers make rules and regulations for the units to which they are in-charge.

Chief librarian is allowed to procure books based on requests from individual departments and he frames rules for proper functioning of the library.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Yes,

Various levels of participative management are
- Management
- Principal
- Administration, Office
- HOD and Faculty
- Technical staff
- Students

In various committees also the faculty and the students get participated.

S.No	Name of the Committee	Members composition	Frequency of meetings
1.	Academic Advisory Body (Institutional)	Principal, 2 Senior Faculties, 2 academicians from outside and 2 industry experts, AO	At least once in semester and as required
2.	College Academic Committee	Principal, HODs, Librarian, Exams in charge, AO	Once in every fortnight and as required
3.	Student Counseling / Grievances Redressal Committee	Principal, HOD's, 2 Senior faculty	Monthly once and as required
4.	Purchase/Stores	HOD's, 2 Senior faculty, AO	At least once in semester and as required
5.	Public Relations, Press & Media, Publication Committee	1 Faculty from each dept. + Students	Monthly once and as required
6.	R&D and Consultancy	1 Faculty from each dept. + Students	Monthly once and as required
7.	Internal Training (Managerial/ Soft / Communications skills, etc)	1 Faculty from each dept. + Students	Once in every month and as required
8.	Career Guidance, Training and Placement Cell	1 Faculty from each dept. + Students	Monthly once and as required
9.	Hostel Committee	1 Faculty from each dept. + Students	Once in every month and as required
10.	Canteen Committee /House-Keeping/Hygiene/Sanitation/ General Maintenance	1 Faculty from each dept. + Students	Once in every month and as required
11.	NSS Committee	1 Faculty from each dept. + Students	Monthly once and as required
12.	Social Welfare (BC/SC/ST)	1 Faculty from each dept. + Students	Monthly once and as required
13.	Sports & Games	1 Faculty from each dept. + Students	Once in every fortnight and as required
14.	Transport Committee	1 Faculty from each dept. + Students	Monthly once and as required
15.	Arts/Cultural committee	1 Faculty from each dept. + Students	Monthly once and as required
16.	Health Center	1 Faculty from each dept. + Students	Once in every month and as required
17.	Department Associations committee	1 Faculty from each dept. + Students	Once in every month and as required
18.	Examinations/Time-Table/Admissions	1 Faculty from each dept. + Students	Monthly once and as required
19.	Library	1 Faculty from each dept. + Students	Once in every month and as required
20.	Industry Institute Partnership Cell	1 Faculty from each dept. + Students	Monthly once and as required
21.	EDC	1 Faculty from each dept. + Students	Monthly once and as required

22.	Website/ICT/Internet Committee	1 Faculty from each dept. + Students	Once in every month and as required
23.	Alumni Coordination Committee	1 Faculty from each dept. + Students	At least once in year and as required
24.	Internal Quality Assurance Cell	1 Senior Faculty from each department.	At least once in semester and as required
25.	Women Empowerment cell	4 Faculty members + Students	Monthly once and as required
26.	Right to information cell	Principal + Sr. Faculty	Monthly once and as required
27.	Professional Societies activities committee	1 Faculty from each dept. + Students	Once in every month and as required
28.	Electrical/Computer Network Maintenance committee	1 Faculty from CSE & EEE +Staff	Once in every fortnight and as required
29.	Faculty/Staff Grievance	Principal + 2 Senior Faculty	Monthly once and as required

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 institute while defining vision and mission, simultaneously formulate certain program educational objectives and also program outcomes. The quality policy of the institute mainly depends upon the mission of the institution, Program Educational Objectives and Program Outcomes.

The quality policy for the institution is:

"To pursue global standards of excellence in all our endeavors namely teaching, research, and consultancy and continuing education and to remain accountable in our core and support functions, through processes of self-evaluation and continuous improvement".

Srinivasa Institute of Engineering and Technology is assertive in its attitude towards quality and academic endeavors. We want to be ranked as the best institution in the field of higher education. For us, quality is not just another goal; it is our basic strategy for reaching excellence in education by contributing towards the holistic development of the students continuously.

The quality policy is driven through to all stakeholders by publication of PEOs and POs in students' hand books, syllabus books. Particularly, parents and employees are introduced to visitors like eminent people who give expert lectures and extension lectures.

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.

The institute's perspective plan is reviewed annually. It is based on the instructions from head of the institution after meeting all the concerned heads of various departments and committees at institution level along with individual proposals of faculty members. The same will be reviewed periodically by the governing body throughout academic year for measuring efficiency.

The plan begins with statements of institutional mission, vision, and core values, followed by an articulation of key strategic issues. It addresses the various issues from the stakeholder perspective and takes steps to fulfill the requirements of its students, their parents and the employees. The following aspects are included in the plan:

- Effective teaching and learning
- Research, consultancy and extension
- Academia-industry interaction
- Student career progression
- Infrastructure development
- Career guidance, Training and Placements
- Society / nation development
- New PG programs affiliation
- Increase in UG program intake

6.2.3 Describe the internal organizational structure and decision making processes.

ORGANIZATIONAL CHART
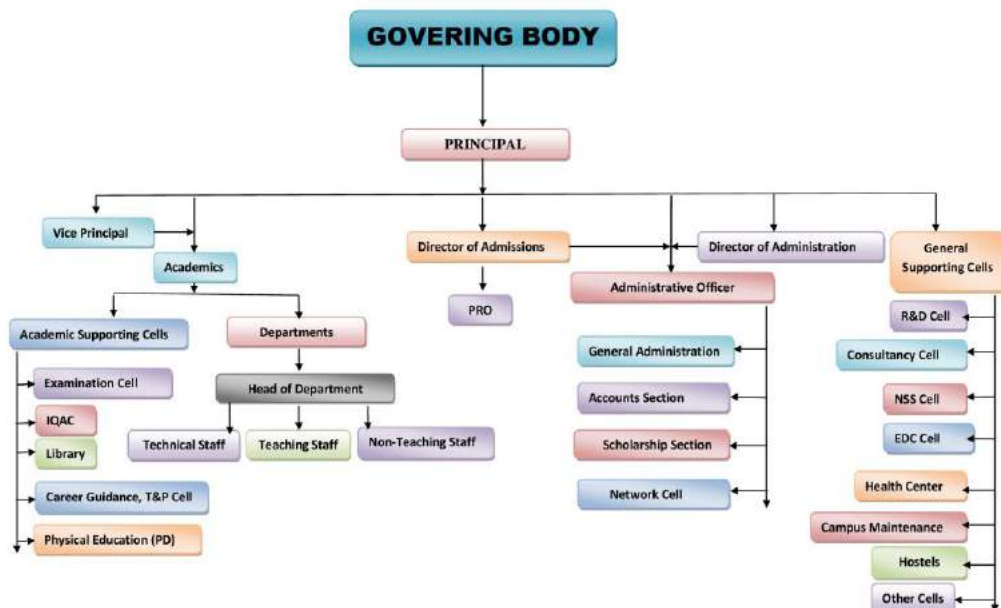
6.2.4 Give a broad description of the quality improvement strategies of the institution for each

of the following

- Teaching & Learning

- Research & Development

- Community Engagement

- Human Resource Management

- Industry Interaction

Teaching & Learning

As far as technical learning process in the institute is concerned, management and administration mainly depend upon the success achieved in the Program Educational Objectives and Program Outcomes. Towards this goal institute introduced various initiatives like

- Faculty development programs

- Organizing seminars

- Conferences and workshops

- Organizing advanced language training programs

- Introducing value added courses

Research &Development

Strategies included for initiation of research

- Making participation of industrial experts in advisory committees.

- Creating interaction with industry by arranging faculty visits.

- Arranging student projects in the industry.

- Providing consultancy to industries,if required.

Community engagement

The Institute is engaged in different types of community engagement programmes as a part of National Service Scheme and other activities like:

- Blood donation camps

- Health camps

- Village adoption

Human resource management

The institute frequently gives advertisements in newspapers for faculty appointments and adopts AICTE pay scales for the faculty members selected. It also gives higher start in deserving and meritorious cases.

As such, the quality of faculty is good, and it is so for the liberal policies adopted by the management. The staff retention rate is also high. The institute arranges faculty training programs regularly.

The technical staff also is given skill training and training in operating special equipment whenever necessary.

Industry interaction

Each department forms an advisory committee with top industrial engineers or software organizations as members. These committees involving 4-6 members each advises the departments regarding modifications required in curriculum, training programs necessary and other aspects to improve quality of graduates. The institute consolidates and forwards the technical capacities available in various departments to industry and explores the possibility of getting practical projects from industry and makes a meaningful interaction with industry. Some students from departments are also deputed to industries to execute their curriculum projects. Some industrialists are invited to give expert lectures and extension lectures on some select topics which expose faculty and students to advances in technology.

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?

Principal holds frequent meetings with the management and discusses the quality aspects besides various issues like finances, projected plans etc. The feedback obtained by the administration from Employees, Alumni, students are thoroughly discussed with academic council first and then with management members and parents etc.

The suggestions on feedback obtained from all stakeholders are implemented within the feasibility limits of the capacity of administration.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

Staff is involved in every stage in all the activities as such the faculty plays a very big role in making teaching learning process effective and efficient. Faculty members participate as members in academic committee meeting at department level and academic council meetings at college level and are part of all important decisions taken in the meetings.Various committees responsible for effective implementation of institute policies like

- Academic Advisory Committee
- Internal Quality Assurance Cell (IQAC)

- Student Counseling/Grievances Redressal committee
- Career Guidance, Training and Placement Cell
- NSS Committee
- Library Advisory committee
- Research & Development cell
- Sports committee
- Women Empowerment Cell
- Anti ragging& Disciplinary committee etc.

The above wings have the faculty as members. Further, each faculty member acts as a proctor and provides counseling and guidance to students entrusted to him.

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6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions?

Governing Body

The resolutions made by the Management Council in the last year.
Action Taken Report on Minutes of 11[th]Governing Body Meeting held on 24th, Dec 2015.

S.No.	NAME	DESIGNATION	POSITION
1	Sri. S.V.S.S. Ramachandra Raju	Chairman	Chairman, Sri Saraswathi Educational Society
2	Sri. D.V.N.S. Varma	Member	Secretary and Correspondent, Sri Saraswathi Educational Society
3	Sri. M.V.S.S. Rama Chandra Raju	Member	Sri Saraswathi Educational Society
4	Smt. L. Seshu Kumari	Member	Eminent Social Activist, Former Sr. HR Professional of Nagarjuna Fertilizers & Chemicals Limited and ITC Ltd.
5	Sri. D. Ranga Raju	Member	Industrialist,Vice-Chairman and Managing Director, Vijayanagar Biotech Ltd.,
6	Dr. D.R. Prasada Raju	Member	Former Scientist, Director, Dept. of Science & Technology,Govt. of India, New Delhi
7	Prof. G.S.N. Raju	Member	Educationalist, Eminent Academician, Former Vice-Chancellor, Andhra University, Visakhapatnam
8	Dr. D. Ranga Raju	Member Secretary	Principal, Srinivasa Institute of Engineering and Technology
9	Dr. Ch.Sai Babu	Member	University Nominee, Professor and Registrar, JNTUK, Kakinada
10	Sri. S.Vasudeva Rao	Member	Director, Srinivasa Institute of Engineering and Technology Chairman & Managing Director, Triton Buildings& Structures Pvt. Ltd., Hyderabad
11	Sri. A.William Carry	Member	CTE Nominee, Principal, Dr.B R Ambedkar & GMR Polytechnic College, Rajahmundry
12	Dr. R.J. Mathew	Member	Faculty nominee, Professor, Srinivasa Institute of Engineering and Technology
13	Sri A.V.S.S. Varma	Member	Faculty nominee, Associate Professor, Department of ECE, Srinivasa Institute of Engineering & Technology
14	---	Member	AICTE Nominee C/o. S.C.R.O., Hyderabad.

Subject:1. Principal welcomed honorable chairman, secretary and correspondent and other members of the Governing Body. Principal requested honorable chairman to preside over the meeting and requested him to proceed with discussions on

agenda items with his valuable opening remarks. The chairman extended a warm welcome to the members of the Governing Body and explained problems being encountered in running an engineering college in the prevailing situation and assured them that the secretary was doing everything possible to successfully run the institution and focusing on quality. Action taken report on minutes of 10th G.B. meeting held on 6-3-2015.

Resolution1: Principal appraised the members that the 10th meeting of the Governing Body was held on 6-3-2015. In accordance with the resolutions made, members resolved that the action taken report is to be prepared in brief and communicated to the members of the Governing Body.

Subject:2. Dr. D. Ranga Raju, principal, explained all the activities since the last meeting in detail.

Subject:3. To appraise about admissions for the academic year 2015-16.

Resolution3: Detailed summary of admissions for the academic year 2015-16 presented. The members appreciated the efforts of the management for ensuring full admissions and suggested to attract bright students by offering cash prizes, fee concessions, so that the institution can improve all-round quality of the students.

Subject:4. To appraise the performance of the students in examinations.

Resolution4: The Governing body members after examining the trend of the result of students, observed that second year first semester results are less satisfactory when compared with other semester results. Members suggested to provide senior faculty at second year level.

Subject:5. To appraise about student achievements and projects.

Resolution5: G.B. members advised to motivate the students to participate in paper presentations/ conferences and games and sports. G.B. members appraised the student projects and to exhibit to the NBA/NAAC committees.

Subject:6. To appraise training programme conducted for students in GATE, AUTOCAD and MOOCS.

Resolution6: The members appreciated participation of good number of students in training programmes and resolved to conduct other value added courses for the benefit of students.

Subject:7. To discuss the placement activities through campus recruitments in 2015-16.

Resolution7: The members appreciated the efforts of management in bringing a number of companies and also suggested the TCS accreditation to be obtained. Secretary &

correspondent is to take necessary action and to develop in-house training facility.

Subject:8. To appraise about requesting JNTUK Kakinada to consider our college as regional center for conducting the EAMCET-2016 examination to be held on 5-5-2016.

Resolution8: It is resolved to provide necessary facilities in the college for smooth conduct of EAMCET-2016. The G.B. was appraised about the institute for conducting EAMCET-2015(Medical) exams. The members also suggested securing approvals for conducting exams such as GATE, JEE in order to elevate the reputation of the college.

Subject:9 Ratification of the Principal and Faculty recruited after 6-3-2015.

Resolution9: Principal Dr. D Ranga Raju got ratified on 22-11-2015.

Subject :10 To appraise about Research & Development activities to be carried.

Resolution10: All the G.B. members insisted that faculty members are to be encouraged to publish quality research papers and to carryout research.

Subject: 11 Re-establishment of computer laboratory after the incidence of fire accident on 29-10-2015.

Resolution11: It is resolved to re-establish the computer laboratory after the incident of fire accident.

Subject: 12 NAAC data preparations.

Resolution12: It is resolved to provide necessary facilities and data preparations in the college for NBA & NAAC accreditation.

Subject: 13. Setting up gymnasium, hobby club, design center, indoor games and basket ball court.

Resolution13: .It is resolved to provide necessary facilities in the college campus like setting up gymnasium, hobby club, design center, indoor games and basket ball court.

Subject: 14. Ambience on campus through gardens, lawns etc.

Resolution14: It is resolved that the management is to ensure that the campus is further beautified by spreading gardens and lawns.

Subject 15: To appraise about implementations of Swatcha Bharat.

Resolution15: It is resolved that the management should implement "Swatcha Bharat" programme in the campus involving NSS units. It should be conducted in villages, hospitals etc.

Subject 16: Any other item with permission of the chair

Resolution16: It is resolved for establishing "Right To Information Act (RTI)" cell and appoint Dr. R J Mathew as P.I.O. and Dr. D Ranga Raju, principal, as 1st appellate authorities.

G.B. has resolved to place on record its satisfaction at the progress achieved by the institute in all fields and expressed the hope that the management would continue to invest all its resources for creating excellent facilities in the institute.

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.

For autonomous status, the eligibility criteria are as given below:

1. The college shall have 10 years standing.
2. The college shall have faculty/infrastructure as per AICTE/JNTUK norms.
3. The college shall run a minimum 4 PG programmes other than MBA/MCA(for at least two academic years)
4. The principal shall be ratified by the JNTUK
5. The college shall have 80% of the faculty ratified by the JNTUK.
6. The college shall have faculty: Students ratio UG=1:15, PG=1:12.
7. The college shall be accredited by NBA/NAAC approval within a period of two years from the date of autonomous status conferment/extension of autonomous status.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

There is a Grievance Redressal Cell at college level which promptly enquires into the causes for grievance and complaints are analyzed by a committee and efforts will be made to restore justice to the person. Having a grievance redressal mechanism creates confidence in the stake holders like students, faculty and parents.

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?

NIL

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 feedback obtained from the students about the institution is mainly suggestive in nature for improving facilities like canteen, play ground and remedial classes. The institution has a mechanism for analyzing student feedback on institutional performance. A continuous assessment/ feedback system is incorporated by covering some of the following aspects at various levels:

Student-Faculty Level:

- Clarity of instruction
- Openness to facilitate interaction
- Plan of the lecture
- Usage of illustrations
- Punctuality

Faculty-Department Level:

- Design and implementation of lecture schedules
- Faculty involvement in institutional life and work.
- Content generation, content storage, content packaging and content delivery mechanism

SRINIVASA INSTITUTE OF ENGINEERING & TECHNOLOGY
FEEDBACK FORM

Academic Year :		Branch:			Year-Sem:		
S.No	Feed Back	Subject/ Faculty Name					
1	Is the content of the lecture understandable ?						
2	Does the teacher complete the syllabus in time ?						
3	Is the teacher's voice audible and clear ?						
4	Does the teacher provide notes ?						
5	Is the chalk-board writing clear ?						
6	Does the teacher stimulate you to think about the subject ?						
7	Does the teacher spend sufficient time on clarifying your doubts in the subject ?						
8	How well the teacher focuses on teaching the subject during his lecture time ?						
9	Do you sense any favourtism/attitude shown towards some of the students in the class room ?						
10	Do you want to take another course from the same teacher ?						

NOTE:- Suggestions if any for overall improvement of the teaching and other facilities of the college

A) Excellent (10)   B) Very Good (8)   C) Good (6)   D) Satisfactory (5)

With such mechanism of collecting feedback from the students, the institution is able to know the areas where the system is weak or strong. Accordingly action plan will be initiated to rectify the areas where the institution seems to be weak.

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 is making its efforts for the professional development of the teaching and non –teaching staff through

- Creating a mechanism for developing capabilities and skills for achieving higher quality and excellence.
- Encouraging all the faculty and students to be members of professional bodies.
- Sponsoring faculty and staff for higher education.
- Organizing/ Sponsoring faculty & staff for attending workshops, conferences at national and International levels by granting academic leave.
- Enabling non-teaching staff to get trained to make use of the latest equipment through awareness programmes.
- Dr.B.N.Jagadish, HOD of Computer Science Engineering has been awarded Ph.D degree during his tenure in this Institution .

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

The Head of the Institution is the sole authority to motivate and empower the faculty to create a sense of direction and positive awareness for the departments on

- Providing interaction with the experts by inviting them from or sending the faculty to other reputed institutes.
- Recharging them by providing various incentives/rewards and giving various leave facilities.
- As a part of participative strategy, the management involves the faculty in various committees as members as well as coordinators/conveners and also gives department responsibilities.
- The Institute believes in gender equality and provides fair opportunity to women to work in various academic and non-academic positions.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal .

Performance Appraisal of the faculty is done by considering various reward parameters like :

- Feedback

- Examination results

- Teacher's attitude, commitment and achievement

- At the end of the year, every teacher has to submit a self-appraisal form with all his contributions.

Performance Appraisal of Faculty:

Based on the self appraisal of each faculty the HOD prepares the performance appraisal and submits the same to the principal with his recommendations.

SRINIVASA
INSTITUTE OF ENGINEERING AND TECHNOLOGY
AMALAPURAM
FACULTY /STAFF SELF APPRAISAL FORM

Year:

1. Name   : ....
2. Designation   : ....
3. Department   :

Academic works:

4. Performance report for the academic year: Odd sem / Even sem

Activity	Subject 1 (......)	Subject 2 (.......)	Subject 3 (...)	Subject 4 (.......)	Subject 5 (.....)	Subject 6 (.....)
% of syllabus covered						
No of units completed / no of units allotted to you						
No of periods conducted / University prescribed						
No of students attended / No of students passed in,						
Percentage of pass						
Your comments on above results						

Personal Contribution:

5. a) Innovative methods (Class room / Lab) [ ] :..................
   b) Extra coaching arranged [ ] :..................
6. Laboratory [ ]
   No of sessions conducted :..............

SRINIVASA
INSTITUTE OF ENGINEERING AND TECHNOLOGY:AMALAPURAM
FACULTY / STAFF PERFORMANCE APPRAISAL
CUM TRAINING NEED IDENTIFICATION

STAFF /FACULTY APPRAISAL – POINTS EARNED:

Student Feedback 25	University results 30	Self appraisal 10	R&D 15	HOD 10	Principal 10	Total 100

a) **Remarks of HOD and points awarded**: (based on inter personnel relationship with faculty and students, specific contribution to the department etc.,)

                          HOD/Date

b) Remarks of Principal and points awarded:
(based on specific contribution to the institutional and departmental activities, on time completion etc.,)

Staff Observation On Performance Appraisal (including training need identification) :

01.   03.

02.   04.

                  Principal/ Date

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?

Review of the performance appraisal by Principal for suitable suggestions and remedial suggestion.

After the review of performance appraisal by management,

- Best teacher cash award along with a certificate for excellence in teaching. This award is presented departmentally.

- Teachers who achieve greater than 20% improvement in their subjects over the average of past 3 years will get one incentive increment.

- The annual increment is to be linked to self appraisal and outcomes of that particular teacher.

- Every year, the Institute ensures that increments are added to the salaries of those who completed at least one year service.

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?

Welfare schemes available for Teaching &non teaching staff:

The college management provides the following welfare measures to the staff:

1. Provident fund contribution is made to eligible employees.
2. Transport facility is given to staff free of cost.
3. Free accommodation to staff in the campus on request.
4. During working hours food is supplied at subsidized rates in the canteen.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

All the staff members are given due recognition for their work and participation in the welfare activities of the college. If any specific event is to be organized, interested faculty concerned are encouraged to take lead in the conduct of the program.

Following are the brief list of measures taken by the Institution:

- State-of the art facilities
- High speed internet on 24/7 basis
- Sanction and disbursement of Increments to every staff-member on their respective due dates.
- Promotions under Career Advancement Scheme
- Sponsoring for Higher Education/Research by grant of leave/lien.
- Incentive for acquiring PhD degree during service.
- Sponsoring National/International conferences for paper presentations and continuing education programmes.
- Cash award for paper publications in journals.
- EPF is paid by the Management along with Non-teaching staff contribution.
- Subsidized food in canteen.
- Transportation: Concessional transport facility in buses for faculty.
- Devised an easy HR policy for the employees of the organization.
- The Institute offers salaries as recommended by the 6th pay Commission.

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 institution follows the guidelines issued by the Governing body. The institution monitors the use of available financial resources periodically. The institution prepares budget proposal for the next academic year which consists of the cost for the new lab equipment to be purchased and up-gradation of existing systems. Estimated cash inflows and outflows are prepared. Institution encourages the departments to obtain grants from AICTE and other funding agencies.

Budget proposals are to be sent by the departments for the next financial year by the end of January. During February the budget proposals are consolidated at institution level including salaries is presented to the governing body for approval by March.

The relevant approvals are then sent back to the respective departments along with a suggested quarterly plan of procurement. Ultimation reports are to be planned on quarterly basis, which are to be reviewed in the governing body meetings.

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.

Periodic audit is done. The audited report is presented to the governing body for review. Regular academic audit is done in the form of affiliations. Since the institution is a private unaided college, the accounts of the college are audited by an External Charted Accountant each year. The audited report by the external CA is placed before the governing body for vetting.

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.

Major source of revenue is Tuition fee from students & Govt. only.

The major sources of institutional receipts are:

- Tuition Fees from the students
- Transportation
- Interest on Fixed deposits
- Term loan from Banks

Receipts for the last 4 years:

Name of the Internal Source	2015-16 (Rs.)	2014-15 (Rs.)	2013-14 (Rs.)	2012-13 (Rs.)
Total Tuition Fees	85109240	84362482	72508729	56932700
Transport Fees	12674582	10646200	10007181	5732000
Hostel Fees	3270500	4885395	2765655	2368500
Interest from Fixed Deposits	297500	302560	297500	297500
Exam Fees	5306800	3809020	1671586	2859535
NSS & others	65600	120047	6000	6000
Total	**106724222**	**104125704**	**87256651**	**68196235**

Expenditure for the last 4 years:

Details of Expenditure	2015-16 (RS)	2014-15 (RS)	2013-14 (RS)	2012-13 (RS)
Salaries	47163707	39774717	29596200	26751242
AICTE & University Fee	2095300	991380	1981299	1499500
Transportation	12723338	9503174	9962690	6778604
Laboratory Expenditure	287393	169133	259320	300172
Maintenance - Facility	438074	272484	62542	52031
Maintenance -Academic	470711	161436	377263	319408
Fee Waivers	808100	711000	674500	594000
Building/Infrastructure	3086252	645133	714256	888596
Library	444652	348484	550115	653792
Placement	988049	541936	368641	156127
Examination Fee & Expenses	4978231	3711287	2549422	2274070
Financial charges	21461239	22427923	20821761	18720548
Others	8992838	9595673	7632449	4060602
Total	**103937884**	**88853760**	**75550458**	**63048692**

6.4.4   Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any)

Society will also strive to raise the corpus fund donations from relatives , near & dear for the infrastructural development .

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?

Yes, the Institution established an Internal Quality Assurance Cell.

The policy of the institution quality assurance is

- Review the results
- Suggest corrections in the system
- Suggest developmental activities
- Review Research & Development Activities.
- Continuous evaluation of academic performance
- Monitor on soft and professional skills of students.

b. How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?

All the above decisions as mentioned in 6.5.1(a) are approved by the management and all are being implemented in the institution.

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

There are external members on the committee. They have advised on the job market requirements and this aspect is properly addressed.

d. How do students and alumni contribute to the effective functioning of the IQAC?

Alumni and students are continuously in touch with IQAC and share the requirements of the students which will be addressed properly.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

IQAC Communicates with faculty and students through Heads of the Departments.

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.

All the academic bodies of the institution interact with IQAC. Any advice from IQAC is followed and implemented carefully.

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 takes all the care to maintain quality assurance with respect to its staff. Institution provides training to staff as per the advice of IQAC.

The advantages of training are:

• Faculty members are exposed to latest requirements

> • Job Challenges
>
> • Orientation on strategic improvement of students' proficiency.
>
> • Successful career achievements.

The following steps are adopted for the benefit of students and faculty.

(1)   Encouraged to participate in conferences and seminars

(2)   Encouraged to apply for AICTE Projects

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 institution undertakes the Academic Audit as a regular endeavor for continuous monitoring of the students academic performance and the affiliating university regularly monitors the performance on the following parameters.

- Monthly students' attendance
- Internal Exam Marks
- Semester Internal Marks
- Semester end exam marks
- Semester wise performance and comparison of the same with other university affiliated colleges.
- Every Year Conferences and Seminars are organized by the Institution.

6.5.5   **How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?**

During placement of students by external recruiting agencies like MNCs, the requirements of the recruitment companies are provided to the students in the form of training and other practices. Academic Performance in the form of cut-off marks for being eligible for interview is maintained and students are regularly advised about the requirements. The above requirements are maintained by senior faculty members, Heads of the Departments and the Principal.

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 institution regularly collects students' feedback and evaluates the teaching ability of faculty members and advises then on their shortcomings.

- Head of the department separately evaluates the performance of the faculty.

- Performance of the students is continuously evaluated by the department.

- Separate student counseling is available which advises each student separately.

- Detailed subject-wise lecture notes are required to be prepared by each faculty member.

- Lab manuals are prepared by the institution and made available to the student in printed format.

6.5.7   How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The institution is always sincerely and seriously interested to communicate its quality assurance policies, mechanisms and outcomes to the various internal stakeholders at regular intervals.

The institution communicates the quality policies and mechanisms to   stakeholders by way of prospectus, brochures, institution magazine and institution newsletters etc.

- The display boards are also effectively used to promote and communicate quality initiatives internally.

- The institute publishes newsletter periodically that is circulated to the students and industry. This newsletter provides the latest information about the institute.

- The latest information regards academic matters are placed in the institute's website.

- The Principal communicates these policies through the following Meetings:

  - HOD Meetings

  - Staff Meetings

  - Meetings with the management

CRITERION VII

INNOVATIONS AND BEST PRACTICES

7.1 Environmental Consciousness

7.1.1   Does the Institute conduct a Green Audit of its campus and facilities?

Yes, the institute conducts a green audit of its campus. This institute is established in a pollution-free environment in the lap of nature. There are many trees on the campus which make for greenery. Students of the campus extend their hands in planting saplings and growing trees. Natural environment helps the students to have a peaceful ambience required for a best learning process in a best educational system. It is our precious asset that the institute is far from urban area and industry. We have formed a club of students and teachers which conducts environmental awareness program from time to time and makes the college campus eco-friendly. Festival environment is created on the Environment Day, the Ozone Day and others.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- Energy conservation

The classrooms and staff rooms are airy and well-lighted on account of big windows. Greenery and open space in all buildings consumes less electricity. Slogans about Energy-saving (ex: Save power and Save Energy) are displayed on each switch board so that the students and staff members are always aware of the importance of electricity. They utilize a minimum of electricity and try to save energy. The entry of personal vehicles of students is restricted on campus. All the teachers and students are instructed to switch off the lights and fans whenever class work is over.

- Water harvesting

Scarcity of water is seen a lot these days everywhere. SIET has done a very wise thing by installing the Rain Water Harvesting System (RWHS). In that way a huge amount of water, whenever there is a downpour, is harvested. Rain water harvesting system ensured that both our bore wells are always kept recharged. Hence, the campus has not felt scarcity of water for many years.

Figure 25Management & Faculty Participated in the Water Harvesting Program

Figure 26Management & Faculty Participated in the Water Harvesting Program

- Efforts for Carbon neutrality

The college, at its own level, has taken up certain preventive measures to check the emission of Carbon dioxide. The college has made arrangements for the parking of the vehicles of the students on the college ground. Dustbins are arranged on every floor to maintain cleanliness. This helps to keep the campus clean as much as possible. The dead leaves and the waste paper are not allowed to be put on fire. The leaves are buried in the soil itself and the paper is disposed off. The college is trying its level best in this area by making an effort to use more and more renewable energy sources. Plastic bags are strictly banned on the college campus and in canteen. Instead of plastic cups we use clay/ paper cups and paper plates for tea and snacks. We are trying to replace tube lights with LED bulbs on the college campus wherever it is possible. This not only saves electricity but also compresses the carbon emissions that emit from tube light chokes. Electric heaters are strictly banned in hostels. It is planned to generate electricity by means of solar devices for our gardens, and to meet some requirements of electricity.

Plantation

Figure 27Plantation

Figure 28Plantation

Environment is one of the major influencing factors in our daily life. The college has evergreen and flowering plants. The green surroundings of the college definitely have a positive impact on students' minds and the overall development of their personality. The

college encourages NSS students for plantation programmes not only on the college campus but also off the campus which in turn develops an interest, awareness and responsibility towards our environment and its protection.

- Hazardous waste management

The college has a proper disposal system for hazardous wastes. There is an eco-friendly system for chemical- waste from the Chemistry -lab. Effective housekeeping system is practiced wherein hazardous waste management is effectively taken care of. Chemical waste is destroyed by appropriate treatment and paper waste is disposed of. Every department has dustbins which are cleaned up regularly.

- e-waste management

Due to frequent advancement in the technology various electronic Equipment /products/gadgets tend to become obsolete and hence there is a need for E-waste management. We have adopted an alternative approach to reduce the volume of e-waste by adopting the following procedures.

- Buy-back system which involves giving systems back to the company from where they are purchased.
- Donate old workable electronic equipment to other organizations.
- Reuse this equipment after slight modifications.

7.2 Innovations
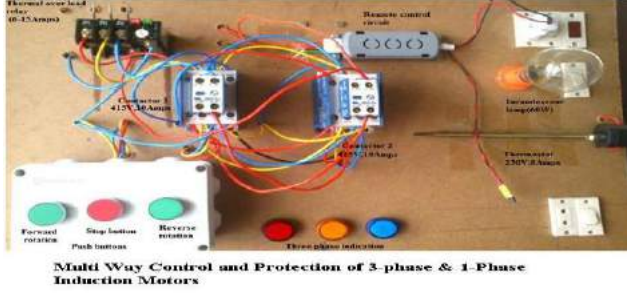
7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

Department of Civil Engineering

S.No	Project Title	SCREEN SHOT
01	Effect of size of aggregates on compressive strength of concrete and study on strength characteristics by utilization of waste materials as coarse aggregate in concrete **DESCRIPTION:** To select proper size of aggregate to give more strength to constructions by using waste materials. **COMPLETION:** 2013	

02	Stabilization of weak soil using sugarcane straw ash and polypropylene fibers as reinforcement **DESCRIPTION:** To increase the strength of weak soil with waste product sugarcane straw ash and polypropylene fibers **COMPLETION:** 2014	
03	Soil stabilization using waste fiber materials **DESCRIPTION:** To increase the bearing capacity of soils by using waste fiber materials **COMPLETION:** 2014	
04	Partial replacement of coarse aggregate with ceramic roof tiles in concrete mix **DESCRIPTION:** Waste material ceramic roof tile pieces are useful in concrete mix by replacement of coarse aggregate **COMPLETION:** 2015	
05	An Experimental study on the expansive soil treated with electrolytes **DESCRIPTION:** To know the engineering properties of expansive soils like bearing capacity, water content etc, to deside the type of foundation. **COMPLETION:** 2015	

06	Experimental study on concrete with rice husk ash as a partial replacement of cement **DESCRIPTION:** To know the engineering properties of concrete mix like compressive strength, workability, tensile strength etc, **COMPLETION:** 2016	
07	**A BEHAVIOUR OF FLY ASH BASED GEO-POLYMER CONCRETE IN CHEMICAL ENVIRONMENT** **DESCRIPTION:** To know the engineering properties of concrete mix like compressive strength, workability, tensile strength etc,under chemical acids. **COMPLETION:** 2016	
08	**DOMESTIC WASTE WATER TREATMENT FOR REUSE** **DESCRIPTION: To** Know treatment of already used water for reuse and supply that water to plants, floor cleaning, lawns etc., **COMPLETION:** 2016	

Department of Electrical & Electronics Engineering

S.NO	ITEM	DESCRIPTION
1	**Project Title**	**" Multi way control and protection of 3-phase & 1-phase Induction Motors"**
	Motto	The motto of this project is to control the induction motor in different ways.
	Screen Shot	
	Completion Year	2014
2	**Project Title**	**"Automatic Solar Tracking Based Water Pumps With Worm Gear Mechanism"**
	Motto	The main aim of the project is to utilize the non conventional energy sources for irrigation.
	Screen Shot	
	Completion Year	2015
3	**Project Title**	Substation Monitoring And Controlling Using GSM
	Motto	The main aim of the project is to control the substation automatically by using GSM.
	Screen Shot	
	Completion Year	2015

Department of Mechanical Engineering

	NAME OF THE BTACH LEADER	TITLE OF THE PROJECT AND DESCRIPTION	PHOTO	COST
1	K.D.N.BHAD RA RAO	**SOLAR TRY CYCLE FOR PHYSICALLY HANDICAPPED PEOPLE** Solar cycle has been design & fabricate in view to reduce the effort and more comfortable while driving physically disabled persons		25000
2	G.RAJESH	**FABRICATION OF MULTIFUNCTIONAL 4 WHEEL STEERING SYSTEM** Four wheel steering system is a serious effect on the part of automotive design in situations like low speed cornering, vehicle parking and driving in city conditions.		35000
3	A.MOHANA SAI KUMAR	**REFRIGERATOR CUM AIR COOLER** Our ultimate aim of the project that is those who cannot effort an air conditioner can have the comfort of ac should be completed		20000

Department of Electronics & Communication Engineering

S.NO	ITEM	DESCRIPTION
1	**Project Title**	**"GSM based scrolling message display using LED"**
	Description	This project is used to intimate the message to the people using wire- less electronic display board which is synchronized by using GSM technology, this system can be implemented in many important places where latest information can be displayed
	Screen Shot	
	Completion Year	2015
2	**Project Title**	**""Automatic speed control of vehicles in special zone using RF Communication".**
	Description	The main aim of the project is automatic speed control using RF signals for accident prone areas, hospitals and school roads where a limit on the speed control is required. This project can also be used in automated systems for wireless control.
	Screen Shot	
	Completion Year	2015
3	**Project Title**	**"Unmanned petrol bunk using smart card"**
	Description	This project is intended to reduce the usage of man power in the petrol bunk and to develop an auto guided mechanism to implement task sequentially. this system is less time to consuming and highly reliable
	Screen Shot	
	Completion Year	2015

4	**Project Title**	**"Drone"(Dynamic Remotely Operated Navigation equipment)**
	Description	The main purpose of this Drone is to fly in a pre-defined trajectory with no assistance from human beings and have photography capabilities and take live aerial video while flying.
	Screen Shot	
	Completion Year	**2016**

Department of Computer Science & Engineering

S.NO	ITEM	DESCRIPTION
1	**Project Title**	" Secured integration of blood bank management"
	The main objective of this project is to integrate all blood banks into one wed page and to give all details about donor and how much quantity of blood will be available in each blood bank.	
2	**Project Title**	"Converting Student Portal Website into Android App"
	The main objective of this project is to convert the student portal website in to android app. By using this website users can view his/her details like Results, Attendance, and Backlogs of the students.	

7.3 Best Practice

7.3.1   Elaborate on any two best practices in the given format at page no. 98, 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 - 1

1. **Title of the Practice**

   Encourage peer level learning among students.

2. **Goal**

   To increase the pass percentage of the students year after year.

   To creat awareness and set goals for their career development.

3. **The Context**

   Students from different levels & backgrounds need training to improve their technical as well as organizational skills. Considering these requirements provide peer level learning for the students that will improve their skills and enable them to achieve their career goals.

4. **The Practice**

   - Separate class work timetables for the students are prepared by the faculty.
   - For the peer level learning, all departments conduct technical and non-technical events through their clubs / associations on current trends and technologies to improve the technical knowledge of the students.
   - E-Journals and Magazines are provided in the library to know about the new technologies and research trends.

5. **Evidence of Success**

   - By the peer learning, change in the behavior and communication of the students from first year to final year is an ample testimony to the success of the programs being organized.
   - The performance of the students in placements is an indication of the success of the programs being organized.
   - Observed that results from the students in their semesters year by year.
   - Observed that getting better pass percentage year by year.
   - Chintapalli.Satya.V.D.M.Prasad got 99% in III year -2nd semester

- Our students G.Haritha, N.Reshmi are participated in SMART VILLAGE PROJECT –MORI and give PPT in NATIONAL WISE in Delhi.

Students Awards:

Sl. No.	Student Reg,no.	Student Name	Fest	Venue	Prize
PROJECT EXPO					
1	146N1A0145	P.S.V.R.Niharika	Tech Fest 2K17	SIET	1St
2	146N1A0104	B.Naga Rukmini	Tech Fest 2K17	SIET	1St
3	146N1A0147	K.Priyanka	Tech Fest 2K17	SIET	1St
4	146N1A0117	G.L.V.N.Prasunamba	Tech Fest 2K17	SIET	1St
5	136N1A0111	D.Sri Satya	Prathista 2K16	JNTU V	1St
6	136N1A0121	K.N.V.RamaDevi	Prathista 2K16	JNTU V	1St
7	136N1A0124	K.Madhuri	Prathista 2K16	JNTU V	1St
8	136N1A0127	K.Lakshmi Priyanka	Prathista 2K16	JNTU V	1St
9	136N1A0102	A.Deepika	Prathista 2K16	JNTU V	1St
10	136N1A0131	M.Sai Priya	Prathista 2K16	JNTU V	1St
11	146N1A0145	P.S.V.R.Niharika	Tech Fest 2K16	SIET	1St
12	146N1A0140	P.Baby	Tech Fest 2K16	SIET	1St
13	146N1A0127	P.Lavanya Devi	Tech Fest 2K16	SIET	1St
14	146N1A0147	K.Priyanka	Tech Fest 2K16	SIET	1St
15	146N1A0115	G.Haritha	Tech Fest 2K16	MVN &RVR DEGREE COLLEGE	1St
16	146N1A0136	N.Reshmi	Tech Fest 2K16	MVNJE & RVR DEGREE COLLEGE	1St
17	136N1A0121	K.N.V.RamaDevi	Super Nova 2K16	SRKR	1st
18	136N1A0111	D.Sri Satya	Super Nova 2K16	SRKR	1st
19	136N1A0102	A.Deepika	Super Nova 2K16	SRKR	1st
20	136N1A0127	K.Lakshmi Priyanka	Super Nova 2K16	SRKR	1st
21	136N1A0104	B.R.Ravi Raju	Tech Fest 2K16	SIET	2nd

22	136N1A0143	R.Mahesh Varma	Tech Fest 2K16	SIET	2nd
23	136N1A0103	B.Praveen	Tech Fest 2K16	SIET	2nd
24	136N1A0109	P.Lokesh	Tech Fest 2K16	SIET	2nd
TECHNICAL QUIZ					
25	146N1A0147	B.Lavanya	Tech Fest 2K17	SIET	1st
26	156N1A0101	A. Ripca Roselin	Tech Fest 2K17	SIET	1st
27	156N5A0107	T.Ramya Sri	Engineer's day 2k15	SIET	2nd
28	146N1A0149	S.Nandini	Engineer's day 2k15	SIET	2nd
29	146N1A0104	B.Naga Rukmini	Engineer's day 2k15	SIET	2nd
PAPER PRESENTATION					
30	146N1A0123	K.L.N.Sirisha	VISTA-2K16	VIGNAN U	2nd
31	146N1A0136	N.Reshmi	Tech Fest 2K17	SIET	1st
32	146N1A0136	G.Haritha	Tech Fest 2K17	SIET	1st
33	136N5A0110	P.Bharat kumar Raju	Tech Fest 2K16	SIET	1st
34	156N5A0103	J.S.S udheerr kumar	Tech Fest 2K16	SIET	1st
35	126N1A0142	Y.Srikala	Tech Fest 2K16	SIET	2nd
36	126N1A0145	D.S.S.S.Annapurna	Tech Fest 2K16	SIET	2nd
POSTER PRESENTATION					
37	166N1A0126	K.Saiprathysha	Tech Fest 2K17	SIET	2nd
38	166N1A0140	S.Sindhu	Tech Fest 2K17	SIET	2nd
39	136N1A0117	J.Venkatesh	Tech Fest 2K16	SIET	1st
40	136N1A0136	P.Lokesh	Tech Fest 2K16	SIET	1st
41	146N1A0153	S.Balaram	Tech Fest 2K16	SIET	2nd
42	146N1A0118	G.S.D.Prasad	Tech Fest 2K16	SIET	2nd
CO-CORRICULAR ACTIVITIES					
43	136N1A0138	P.M.L.Mounika	Engineers day-2k15 (GROUP DISCUSSION)	SIET	1st
44	146N1A0145	P.S.V.R.Niharika	Tech Fest 2K15 (ESSAY WRITING)	SIET	2nd

| 45 | 146N1A0136 | N.Reshmi | Tech Fest 2K16 Singing Competition | BVC | 2nd |
| 46 | 136N1A0138 | P.M.L.Mounika | Tech Fest 2K16 (AUTOCAD) | BVCE | 2nd |

Placements:

S.No	Name of the Company	No. of Students Selected	Year
1	A S Consulting Associates, Hyderabad	18	2013
2	M/s LIC Life Plus, Visakhapatnam	16	2013
3	Newtons IT Pvt Ltyd, HYD	8	2015
4	Jagrati Civil Constructions	5	2015
5	Bhanodayam Industries	5	2015
6	Maintec, Noida	3	2015
7	ProFtech, Hyderabad	1	2015
8	Maintec, Bangalore	6	2015
9	Jagrati Constructions,Delhi	2	2015
10	PHY Research,Delhi	11	2015
11	West line shipping, Ahemadabad	2	2016
12	Maintec, Bangalore	3	2016

One table for semester result analysis – past 3 years

Name of the course and Academic Year	% of Students Enrolled	% of Students Passed	Remarks
B.Tech 2009-2013	100%	93.44%	Nil
B.Tech 2010-2014	100%	72.41%	Nil
B.Tech 2011-2015	100%	86.44%	Nil
B.Tech 2012-2016	100%	80.70%	Nil

One table to show evidence of pass % increase in last 3 years

Academic Year	% of Students Passed
2009-2013	93.44%
2010-2014	72.41%
2011-2015	86.44%
2012-2016	80.70%

6. **Problems Encountered and Resources Required**

There are some problems while conducting the programes

- Adjusting the class work of the faculty for the particular period.

- Due to varying backgrounds of the students the program will not give immediate result.

- It is difficult to conduct extra classes because most of the students are days scholors

7. **Notes (Optional)**
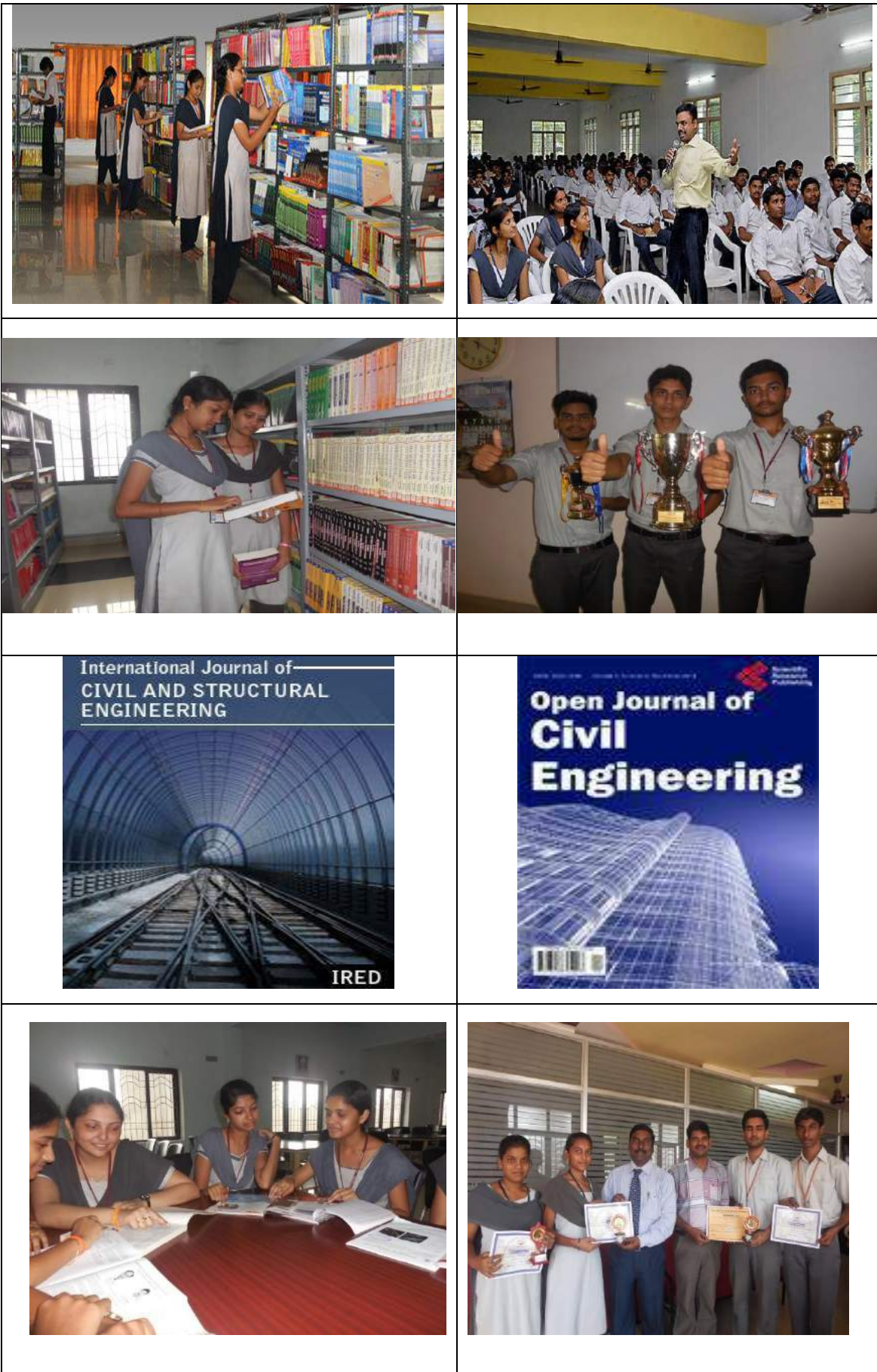
Best Practice -2
 1. **Title of the Practice**

　　　Training Programme for Placements and Higher Studies.
2. Goal

　　　Enhance the number of placements by five percent every year and enable students to get admissions in premier academic institutions for their higher education by ensuring quality training and effective methodology of teaching with the intension of providing progressive, skill oriented and sustainable technological education that makes the student intellectually independent and self-sufficient.

　　　In addition internships and industrial visits are to be organized frequently to enable students gain hands on experience in using contemporary technology in different industries. Simultaneously, the laboratories are to be upgraded as per the requirements identified by industrial experts, teachers and students. More opportunities and platforms are to be created for the students to exhibit their diverse talents.

3 .The Context

　　　　The Institute is committed to execute the program with optimum efficiency as per the core ideological base of the institution. The program stays on top of the priority list of the institution, as we feel it is imperative to impart quality learning experience through this kind of a programme which is planned and delivered based on thorough consideration of the specific needs of the students of this place.

　　　A majority of the students are from economically backward and under privileged sections of the society. Most of the students are from under developed secondary and tertiary educational institutions whose exposure to technology and real world expectations is very much limited. The responsibility of the institution is doubled by its awareness of the poor uneducated parental background of most of the students who are the first generation learners/graduates. Though there is some uniformity in the pattern, there is heterogeneity too. This aspect of the classroom ambience demands more caution in designing a programme with clear objectives so that neither the time nor the potential of the students is wasted. In the direction of the institution the department is also ready to strive with uncompromising spirit as to ensure the upliftment and empowerment of rural youth.

　　　SIET's mission of imparting quality education with an emphasis on practical skills and social relevance strategically has transformed the campus environment through its curriculum infrastructure and emphasis on more labs, mini and major projects, workshops etc which gives students hands on experience. This skill-based education can make the transition between

academic to work environment and life easy. It not only boosts students' employment prospects but also the confidence level among students to meet the real life challenges. Mere curriculum knowledge does not prepare a student to face the real world. Enhancing the skills, attitudes and personality are additional ingredients for a student to succeed. Technology and industry needs change more rapidly. Specializations are many and inter-disciplinary needs are growing. SIET has significantly recognized the need and introduced value added courses accordingly

4. The Practice and the Evidence of the Success:

SIET created an excellent infrastructure in terms of spacious labs, equipped with State-of-the-art facilities constantly renewing the obsolescence, trained faculty, created a culture by suitably structuring curriculum and modifying time tables.

This additional input ensures that good number of students is placed in various companies. Some students enroll themselves into higher education in prestigious institutions in India and abroad. Introduction of emphasis on practical skills resulted in changes within the students by increasing knowledge, developing skills and/or positively influencing attitudes, values and judgment resulted in overall improvement in pass percentage of academically weak students.

Procedure

1). Students in every section are divided into two groups, each group containing at least 30 students.

2).This is done as per the order of registration numbers in the attendance register.

3).For each group training is conducted in two separate training halls for two periods a weak.

4).The components of the training programme are aptitude language and soft skills.

5).The students are assessed with help of AMCAT assessment tool.

6).Feedback is sought from the students on regular basis.

7).As part of the programme experts from different organizations are hired to provide intense training for a weak in each semester.

8).The outcome of the training is assessed based on the feedback given by the students.

Placements:

Branch	2013-14	2014-15	2015-16
CE	--	14	21
ECE	54	78	105
ME	--	34	68
CSE	36	60	74
EEE	25	26	35
Total	**115**	**212**	**303**

Higher Studies:

Branch	2013-14	2014-15	2015-16
CE	12	7	8
ECE	9	4	6
ME	--	0	1
CSE	4	9	4
EEE	5	4	4
Total	**30**	**24**	**23**

5. Problems Encountered and Resources Required

Major challenge faced in providing value added courses and training of the students include motivation, monitoring, sustained involvement of the staff, time constraints, enhancing hands on experience of students, increasing the usage of on-line learning resources, maximizing the usage of training and placements.

However, the training programme and the regular curriculum work prescribed by the university may sometimes overlap with each other causing irregularity to the conduct of the programme.

Internal training machinery is to be strengthened in a systematic method. There is a significant variation in student intake capabilities.

6. Notes (optional)

7. Contact Details

Name of the Principal: Dr. D.Ranga Raju

Name of the Institution: Srinivasa Institute of Engineering and Technology

City: Amalapuram

Pin Code: 533216

Accredited Status: No

Work Phone: 08856-272699

Fax: 08856-297098

Website: www.sriniet.edu.in

E-mail: sietamp@gmail.com

Mobile: 9912381818

PART – E

EVALUATIVE REPORT OF THE DEPARTMENTS

Evaluation Report of the Civil Engineering Department

1. Name of the department   :Civil Engineering

2. Year of Establishment: UG-2009

     PG-2014

3. Names of Programmes/Courses offered (UG, PG)

     UG : B. Tech in Civil Engineering.

     PG : M. Tech in Structural Engineering

4. Names of Interdisciplinary courses and the departments/units involved:

Academic Year wise:

Sl.No.	Interdisciplinary Course	Year -Sem	Which Dept. is handling the Course
1	Basic Electrical & Electronics Engineering	II-I	EEE
2	Probability &Statics	II-I	H&S
3	Managerial Economics and Financial Accountancy	II-II	H&S
4	IPR & Patents	III-I	H&S

5. Annual/semester/choice based credit system (programme wise):

     UG – B. Tech in Civil Engineering – choice based credit system

     PG – M. Tech in Structural Engineering semester Based credit system

6. Participation of the department in the courses offered by other departments.: NIL

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   :

Teaching Staff	Sanctioned	Filled
Professors	1	1
Associate Professors	1	1
Asst. Professors	14	14

10.   Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S.NO.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the last 4years
1	Dr.K.HARI KRISHNA	M.Tech, Ph.D	Professor	Geo engineering	8 years	--

2	V.RAJI	M.Tech, (Ph.D)	Associate Professor	Structural Engineering	17 years	--
3	A.VENKATESWARA RAO	M.Tech	Assistant professor	Structural Engineering	5 years	--
4	BALAJI.M	M.Tech	Assistant professor	Structural Engineering	5 years	--
5	R.VIJAY KUMAR	M.E	Assistant professor	Hydraulic Costal And Harbor Engineering	5 Years	--
6	M.UDAY BHASKAR	M.Tech	Assistant professor	Soil Mechanics And Foundation Engineering	4 ½ Years	--
7	D.SANEEDP KUMAR	M.Tech	Assistant professor	Structural Engineering	2 ½ Years	--
8	V.V.SANDEEP	M.Tech	Assistant professor	Structural Engineering	2Years	--
9	K.ANANTH	M.Tech	Assistant professor	Soil Mechanics And Foundation Engineering	1Years	--
10	G.B.P.CHAKARAVARTHY	M.Tech	Assistant professor	Soil Mechanics And Foundation Engineering	1Years	--
11	NITIN CHANDRA JOGU	M.Tech	Assistant professor	Structural Engineering And Natural Disaster Management	11 MONTHS	--
12	RDS.ACAHARI	M.Tech	Assistant professor	Structural Engineering And Natural Disaster Management	11 MONTHS	--
13	K.RAJU	M.Tech	Assistant professor	Structural Engineering	1 year	--
14	N.SRINIVAS	M.Tech	Assistant professor	Structural Engineering And Natural Disaster Management	1 year	--
15	B.DURGA	(M.Tech)	Assistant professor	Transportation Engineering	2 Years	--
16	E.RAMAGURAVAIAH	B.Tech	Assistant professor		1 year	--

11. List of senior visiting faculty:

S.No	Name of the Faculty	Designation
1	Dr.M.JagapathiRaju	Professor,HOD, SRKR Bhimavaram
2	Mr.V.RamaRaju	Professor, SRKR Bhimavaram
3	Mrs.V.Ramavathi	Professor,HOD, CIST, Kakinada
4	Mr.K.S.Ashok Kumar	Associate Professor,HOD,KITS,Divili
5	Dr.P.RamaRaju	Professor, CBIT-Hyderabad
6	Dr.ACSV.Prasad	Professor, SRKR Bhimavaram

12.   Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty   : NIL

13.   Student-Teacher Ratio (programme wise): UG –15:1, PG–12:1

14   Number of academic support staff(technical)and administrative staff; sanctioned and filled :

Supporting Staff	Sanctioned	Filled
Technical Staff	5	5
Administrative Staff	1	1

15.   Qualifications of teaching faculty with D Sc / D. Lit / Ph. D /M. Phil/ PG.

Qualification	No. of Faculty
Ph. D	01
M. Tech	13
B.Tech	02

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, I CSSR, etc. and total grants received : NIL

18.   Research Centre/facility recognized by the University : NIL

19.   Publications:

- a) Publication per faculty

SL. No	Name of the Faculty	No.of Publications
1	Dr.K.Harikrishna	22
2	Mr.K. Raju	01

20. Areas of consultancy and income generated : YES

21. Faculty as members

S. No	Name of the faculty	College/National /International/Editorial board
1	Mr.B.Suban Ramji	Advisory Committee Member , NCCTET-14
2	Mr.G.V.S.Brahmaji Rao	Faculty coordinator for CE, NCCTET-14
3	Mr.D.Dileep	Department Coordinator for Tech Fest-2k14
4	Mr.B.Siva Ganesh Raja	Department Coordinator for Tech Fest-2k15
5	Mr.Y.Venkatesh	Department Coordinator for Tech Fest-2k16
6	Mr.K.Raju	Department Coordinator for Tech Fest-2k17

22. Student projects:

a) Percentage of students who have done in-house projects including interdepartmental/programme – 100 %

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies - 0

23. Awards/ Recognitions received by faculty and students

Students Awards

Sl. No.	Student Reg,no.	Student Name	Fest	Venue	Prize
			PROJECT EXPO		
1	146N1A0145	P.S.V.R.Niharika	Tech Fest 2K17	SIET	1St
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10	136N1A0131	M.Sai Priya	Prathista 2K16	JNTU V	1St
11	146N1A0145	P.S.V.R.Niharika	Tech Fest 2K16	SIET	1St

12	146N1A0140	P.Baby	Tech Fest 2K16	SIET	1St
13	146N1A0127	P.Lavanya Devi	Tech Fest 2K16	SIET	1St
14	146N1A0147	K.Priyanka	Tech Fest 2K16	SIET	1St
15	146N1A0115	G.Haritha	Tech Fest 2K16	MVN &RVR DEGREE COLLEGE	1St
16	146N1A0136	N.Reshmi	Tech Fest 2K16	MVNJE & RVR DEGREE COLLEGE	1St
17	136N1A0121	K.N.V.RamaDevi	Super Nova 2K16	SRKR	1st
18	136N1A0111	D.Sri Satya	Super Nova 2K16	SRKR	1st
19	136N1A0102	A.Deepika	Super Nova 2K16	SRKR	1st
20	136N1A0127	K.Lakshmi Priyanka	Super Nova 2K16	SRKR	1st
21	136N1A0104	B.R.Ravi Raju	Tech Fest 2K16	SIET	2nd
22	136N1A0143	R.Mahesh Varma	Tech Fest 2K16	SIET	2nd
23	136N1A0103	B.Praveen	Tech Fest 2K16	SIET	2nd
24	136N1A0109	P.Lokesh	Tech Fest 2K16	SIET	2nd
			TECHNICAL QUIZ		
25	146N1A0147	B.Lavanya	Tech Fest 2K17	SIET	1st
26	156N1A0101	A. Ripca Roselin	Tech Fest 2K17	SIET	1st
27	156N5A0107	T.Ramya Sri	Engineer's day 2k15	SIET	2nd
28	146N1A0149	S.Nandini	Engineer's day 2k15	SIET	2nd
29	146N1A0104	B.Naga Rukmini	Engineer's day 2k15	SIET	2nd
			PAPER PRESENTATION		
30	146N1A0123	K.L.N.Sirisha	VISTA-2K16	VIGNAN U	2nd
31	146N1A0136	N.Reshmi	Tech Fest 2K17	SIET	1st
32	146N1A0136	G.Haritha	Tech Fest 2K17	SIET	1st
33	136N5A0110	P.Bharat kumar Raju	Tech Fest 2K16	SIET	1st
34	156N5A0103	J.S.S udheerr kumar	Tech Fest 2K16	SIET	1st
35	126N1A0142	Y.Srikala	Tech Fest 2K16	SIET	2nd

36	126N1A0145	D.S.S.S.Annapurna	Tech Fest 2K16	SIET	2nd

POSTER PRESENTATION					
37	166N1A0126	K.Saiprathysha	Tech Fest 2K17	SIET	2nd
38	166N1A0140	S.Sindhu	Tech Fest 2K17	SIET	2nd
39	136N1A0117	J.Venkatesh	Tech Fest 2K16	SIET	1st
40	136N1A0136	P.Lokesh	Tech Fest 2K16	SIET	1st
41	146N1A0153	S.Balaram	Tech Fest 2K16	SIET	2nd
42	146N1A0118	G.S.D.Prasad	Tech Fest 2K16	SIET	2nd

CO-CORRICULAR ACTIVITIES					
43	136N1A0138	P.M.L.Mounika	Engineers day-2k15 (GROUP DISCUSSION)	SIET	1st
44	146N1A0145	P.S.V.R.Niharika	Tech Fest 2K15 (ESSAY WRITING)	SIET	2nd
45	146N1A0136	N.Reshmi	Tech Fest 2K16 Singing Competition	BVC	2nd
46	136N1A0138	P.M.L.Mounika	Tech Fest 2K16 (AUTOCAD)	BVCE	2nd

24.   List of eminent academicians and scientists/visitors to the department:

SI .No	Name of the Academician/ Scientist	Date	Purpose of visit
1.	Dr.M.Srinivasa Rao	14-8-2014	Entrepreneurial Orientation – Insight for budding Entrepreneurs
2.	Mr.V.RamaRaju	24-08-2016	Guest lecture on water resources engineering
3.	Mr. K.Srinivas	08-09-2016	Workshop on RS & GIS Aspects
4.	Dr. P. Rama Raju	15-03-2017	Guest lecture on water resources engineering (Chief Engineer-Retired)

25. Seminars/Conferences/Workshops organized & the source of funding

Sl. No.	Seminars/Conferences/Workshops	Name of the Funding Agency	Remarks (National / International/ Institutional)
1	AUTOCAD	College	Institutional
2	Water Resources Engineering	College	Institutional

3	RS&GIS	College	Institutional
4	Fluid Mechanics Workshop	National Mission on Education through ICT (MHRD), Govt. of India	National
5	National level Conference NCCTET-2014	College	National
6	Seminar on Entrepreneurial Orientation – Insight for budding Entrepreneurs	College	Institutional

26.(a) Student profile programme/course wise: B. Tech - CE

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Basic Electrical & Electronics Engineering	67	67	43	24	69%
Probability & Statistics	67	67	43	24	49%
Managerial Economics and Financial Analysis	67	67	43	24	81%
IPR & Patents	66	66	43	24	99%

*M=Male *F=Female

(b) Student pass percentage in graduate level

Academic Year	Appeared	First	Second	Failures	Pass %
2009-13	61	46	11	4	93.44
2010-14	58	37	5	16	72.41
2011-15	59	23	28	8	86.44
2012-16	57	41	5	11	80.70

(c) Student pass percentage in Post Graduate level

Academic Year	Appeared	First	Second	Failures	Pass %
2014-16	13	-	-	-	-

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 – 2013	99.98	0.015	0
B.Tech – 2014	99.98	0.015	0
B.Tech – 2015	99.92	0.075	0
B.Tech – 2016	99.98	0.015	0
B.Tech – 2017	99.98	0.015	0

28.   How many students have cleared national and state competitive examination such as NET, SLET, GATE, Civil services, Defense services, etc.

Sl. No.	Academic Year	Name of the Exam	No. of students cleared
1	2013-14	GATE	00
2		PGECET	04
3		GRE/TOEFL	00
1	2014-15	GATE	01
2		PGECET	09
3		GRE	00
1	2015-16	GATE	02
2		GRE/TOEFL	00
3		PGECET	06

29.   Student progression

Student progression	Against% enrolled 2012-13	Against% enrolled 2013-14	Against% enrolled 2014-15	Against% enrolled 2015-16
UG to PG	0.053	0.286	0.137	0.174
Employed • Campus selection • Other than campus recruitment	55.74	0	23.73	36.84
Entrepreneurship/Self-employment	--	--	--	--

30.   Details of Infrastructural facilities:

a) Library: No. of Volumes-126

b) Internet facilities for Staff & Students: Available

c) Class rooms with ICT facility: Available

d) Laboratories: 05

Sl.No.	Name of the Lab
1	SURVEYING
2	STRENGTH OF MATERIALS
3	GEO-TECHNICAL ENGINEERING / CONCRETE TECHNOLOGY
4	TRANSPORTATION ENGINEERING
5	ENGINEERING GEOLOGY

31. Number of students receiving financial assistance from college, university, Government or other agencies.

S.No	Financial Year	No. of Students benefited - Government	No. of Students benefited – College
1	2013-2014	155	6
2	2014-2015	175	8
3	2015-2016	197	11
4	2016-2017	199	13

32. Details on student enrichment programmes (special lectures/workshops/ Seminar) with external experts: last four years

S.No	Name of the Academician/ Scientist	Date	Purpose of visit
1	Mr. D.Chandra Sekhara Varma	18,19-7-2014	Entrepreneurial Orientation – Insight for budding
2	Dr.A.Gopal Krishna	11-10-2014	National conference on Current Trends in Engineering.
3	Mr.U.Venkatachalapathi	21-09-2015	Entrepreneurial Orientation
4	Mr.K.A. Raju	2,3,4-03-2016	Entrepreneurial Orientation
5	Mr.V.RamaRaju	24-10-2016	Guest lecture on water resources engineering
6	Mr. K.Srinivas	08-09-2016	Workshop on RS & GIS Aspects
7	Mr.P.V.Rambabu	06-03-2017	Guest lecture on Bridge Engineering
8	Dr.P.RamaRaju	15-03-2017	Guest lecture on water resources engineering (Engineer- in Chief- Retired)
9	Mr.Saidhual	16,17-03-2017	Workshop on AUTOCAD
10	Mr.V.N.Aditya	18-03-2017	Seminar on AUTOCAD

33. Teaching methods adopted to improve student learning (Present data)

Chalk & Talk, NPTEL Video Lectures, LCD Projector, E-learning, JNTUK

CoeERD, Internships, Industrial Tours

34.   Participation in Institutional Social Responsibility (ISR) and Extension activities

S.No	Name of The Event	Date	No of Students Participated
1	Anti ragging	28-12-2013	All the students
2	Sankranthi sambaralu	11-012014	All the students
3	Health camp	3-02 -2014	14
4	Road repair work	5-02-2014	12
5	Blood Donation Camp	26-07-2014	16
6	Engineers' day	15-09-2014	All the students
7	SwatchaBharath	24-9-2015	All the students
8	Blood donation camp	16-12-2015	13
9	Sankranthi sambaralu	11-1-2016	All the students
10	Women's Day	08-03-2016	18
11	Engineers' day	15-09-2016	All the students
12	Donated blood - Amaraveerula dinotsavam	17-10-2016	22

35.   SWOC analysis of the department and Future plans

Strengths:

1. The Department has qualified and dedicated faculty

2. Well equipped laboratories, department library and computer facilities.

3. Dedicated trainers were recruited to give training for rural area students for

   Placements and higher education

Weaknesses:

1. Poor industrial exposure to the students to understand the faculty

2. Students have no proper communication skills at the entry level as many of them

   are from rural areas

Opportunities:

1. As more number of Crude oil rigs are available nearby, need to coordinate with the

    concern companies for practical exposure and other developments.

2. As University is nearby, the experts visiting the university should be brought to

    interact with the students and faculty.

3. Soft skills and related training by T&P Cell and association with alumni grabs the

    opportunities to raise the employability of the students.

Challenges:

1. Motivating the students towards academics and soft skills.

2. Retaining the qualified and dedicated faculty.

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Future Plans:

- More Industry tie ups

- Hosting International Conferences.

- More focus on R&D related activities.

- Research Projects, Seminar Grants etc.

Evaluative Report of Electrical and Electronics Engineering Department

1.   **Name of the department**   : Electrical and Electronics Engineering

2.   **Year of Establishment**   : 2009

3.   **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc.)**

UG: B.Tech in Electrical and Electronics Engineering

4.   **Names of Interdisciplinary courses and the departments/units involved : R13**

Sl. No.	Interdisciplinary Course	Year - Sem	Which Dept. is handling the Course
1	Basic Electronics and Devices	II-I	ECE
2	Thermal and Hydro Prime Movers	II-I	MECH
3	Complex Variables And Statistical Methods	II-I	S&H
4	Switching Theory And Logic Design	II-II	ECE
5	Environmental Studies	II-II	S&H
6	Pulse And Digital Circuits	II-II	ECE
7	Linear & Digital IC Applications	III-I	ECE
8	Managerial Economics and Financial Analysis	III-I	S&H
9	IPR & Patents	III-I	S&H
10	Microprocessors & Micro controllers	III-II	ECE
11	Management Science	III-II	S&H
12	OOPS Through JAVA	IV-II	CSE

5.   **Annual/ semester/choice based credit system (programme wise)**

UG - B.Tech - Electrical and Electronics Engineering – Semester/choice based credit system

6. **Participation of the department in the courses offered by other departments**

Sl. No.	Interdisciplinary Courses	Year - Sem	For which Dept. our Faculty is handling the Course
1.	Electrical & Mechanical Technology	I-II (R16)	ECE
2.	Basic Electrical and Electronics Engineering	I-II (R16)	MECH
3.	Basic Electrical and Electronics Engineering	II-I(R13)	CIVIL
4.	Network Analysis	II-I(R13)	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:**

Designation	Sanctioned	Filled
Professor	1	1
Associate Professor	2	2
Assistant Professor	10	10

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Sl. No.	Name	Designation	Qualification	Specialization	No. of Years of Experience	Ph.D.Studens guided in last 4 years
1	G.Nageswara Rao	Professor	M.Tech	Power Generation Technology	37.5 Years (36 Years Industry + 1.5 Year Teaching)	----
2	K.V.V.Bapi Raju	Associate Professor	M.Tech	Power Systems with Emphasis on High Voltage Engineering	14 Years	----
3	A.V.C. Janaki Ramayya	Associate Professor	M.Tech (Ph.D)	Electrical Power Systems	8 Years	----
4	P.Veneswarao	Assistant Professor	M.Tech	High Voltage Engineering	8.6 Years	----
5	A.Veerraju	Assistant Professor	M.Tech	Electrical Power Systems	7 Years	----

6	M V Subrahmanyam	Assistant Professor	M.Tech	Power Electronics	7 Years (2 Years Industry + 5 Years Teaching)	----
7	R Satya Surendra	Assistant Professor	M.Tech	Power Electronics	5.6 Years (4.6 Years Industry + 1 Year Teaching)	----
8	P S V Subrahmanyam	Assistant Professor	M.Tech	Power Electronics	5.5 Years (2.5 Years Industry + 3 Years Teaching)	----
9	K. Suvarna Kumari	Assistant Professor	M.Tech	Power Electronics	3 Years	----
10	P.Gowthami	Assistant Professor	M.Tech	Power & Industrial Drives	2.8 Years	----
11	V.Vinod	Assistant Professor	M.Tech	Power Systems & Power Electronics	2.8 Years	----
12	N.N.V Jagadesh	Assistant Professor	M.Tech	Mechatronics	2.6 Years (10 Months Industry + 1.8 Years Teaching)	----
13	M V S L Surya Prabha	Assistant Professor	M.Tech	Power Electronics	1.8 Years	----

11.   List of senior visiting faculty :

Sl. No.	Name	Designation
1	Mr. M.Nageswararao	Assistant Professor, JNTUK, Kakinada
2	Dr. K.Ravindra	Assistant Professor, JNTUK, Kakinada
3	Dr. K.V.S.R.Murthy	Professor, Aditya Engg. College.
4	Dr. G.Naresh	Professor, Pragathi Engg. College
5	Sri S.V.S.Surya Narayana	Ex. Sr. Vice Presidenet, Hindalco Industries Ltd,Mahan

**12.   Percentage of lectures delivered and practical classes handled (programme wise)
        by temporary faculty : NIL**

13.   Student –Teacher Ratio (programme wise) : UG – 15:1

14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled :**

Support Staff	Sanctioned	Filled
Technical Staff	3	3
Administrative Staff	1	1

15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ Mphil / PG.**

Qualification	No. of Faculty
M.Tech	13

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:**

∗ a) Publication per faculty

Sl. No.	Name of the Faculty	No. of Publications
1	K.V.V.Bapi Raju	3
2	A.V.C.J. Ramayya	2
3	A.Veerraju	2
4	P.Veneswararao	3
5	P.S.V.Subrahmanyam	2
6	P.Gowthami	1
7	V.Vinod	3
8	M.V.Subrahmanyam	2

20. **Areas of consultancy and income generated** – NIL

21. **Faculty as members in**

a) **National committees:**

Membership:

❖ K.V.V.Bapi Raju , Associate Professor has membership in ISTE (LIFE MEMBER) – **LM 51768**

S.No	Name of the faculty	College/National /International/Editorial board
1	K.V.V.Bapi Raju	Advisory Committee Member , NCCTET-14
2	P.Veneswararao	Faculty coordinator for EEE, NCCTET-14

3	K.V.V.Bapi Raju	Advisory Committee Member, Tech Fest-2k14
4	M.Vijaya Krishna	Department Coordinator for Tech Fest-2k14
5	K.V.V.Bapi Raju	Advisory Committee Member, Tech Fest-2k15
6	P.Veneswararao	Department Coordinator for Tech Fest-2k15
7	K.V.V.Bapi Raju	Convener, Tech Fest-2k16
8	V.Vinod	Department Coordinator for Tech Fest-2k16

b) **International Committees : NIL**

c) **Editorial Boards:** NIL

22. Student projects: 2015-16

a) **Percentage of students who have done in-house projects including inter departmental/programme –** 100 %

b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies –** 0 %

23.   Awards / Recognitions received by faculty and students

Students Awards:

S.NO	STUDENT NAME	YEAR	EVENT & VENUE	DATE	PRIZE
1	D.V.N.S.S.SUBASH	II-EEE	PPT, BVC Engeneerig College	27.02.2015	2nd
2	P.MAHESH	III-EEE	Project Expo,VSM College of Engg., Ramachandrapuram	03.03.2015	2nd
	P.SWETHA	III-EEE			
	D.MADHURI	III-EEE			
	G.RUPENDRA	III-EEE			
3	P.MAHESH	III-EEE	Project Expo,SIET	16.03.2015	Ist
	J.MADHURI DIVYA	III-EEE			
	A.CHAITANYA	III-EEE			
4	S.PHANI KUMAR	II-EEE	Project Expo,SIET	16.03.2015	2nd
	K.ADITHYA	II-EEE			
	CH.N.M.S.GUPTHA	II-EEE			
	V.VARA PRASAD	II-EEE			
5	A.CHAITANYA	III-EEE	PPT,SIET	17.03.2015	Ist
	J.MADHURI DIVYA	III-EEE			

6	D.SINDHUJA	III-EEE	Project Expo, Regency Institute of Technology,Yanam	18.03.2015	2nd
	CH.SAI RAJESH	III-EEE			
	R.LAVANYA	III-EEE			
	P.H.S.P KUMARI	III-EEE			
7	D.SINDHUJA	III-EEE	PPT, Prasiddha College of Engg& Tech,. Anathavaram	26.03.2015	2nd
	CH.SAI RAJESH	III-EEE			
8	P.MAHESH	III-EEE	Project Expo, Prasiddha College of Engg& Tech,. Anathavaram	26.03.2015	Ist
	B.K.N.S.S.S.D.TEJA	III-EEE			
	B.DIVYA PRAKESH	III-EEE			
	M.N.S.M.V.SUBBA RAO	III-EEE			
9	M.N.S.M.V.SUBBA RAO	III-EEE	QUIZ, AIMS College of Engg., Mummudivaram	30.03.2015	Ist
	A.D.M.S.MANIKANTA	III-EEE			
10	B.K.N.S.S.S.D.TEJA	III-EEE	QUIZ, AIMS College of Engg., Mummudivaram	30.03.2015	2nd
	B.DIVYA PRAKESH	III-EEE			
	B.NAGESWARA RAO	III-EEE			
	B.D.V.KRISHNA PRASAD	III-EEE			
	P.MAHESH	III-EEE			
11	D.V.N.S.S.SUBASH	II-EEE	PPT, AIMS College of Engg., Mummudivaram	30.03.2015	Ist
12	D.V.N.S.S.SUBASH	II-EEE	Greek-2K15,KIET,Korangi	24.04.2015	Ist
13	D.V.N.S.S.SUBHASH	III-EEE	PPT,Excult 2K16, Pragathi Engg.College, Surampalem	05.01.2016	1st
14	S.VINAY	III-EEE	Projectexpo,HORIZON 2K16, BVCITS, Batlapalem	06.03.2016	2nd
	B.PALLAVI	III-EEE			
	G.PHANI KUMAR	III-EEE			
15	K.NANDINI	II-EEE	PPT,SIET TECHFEST 2K16	18.03.2016	3rd
	N.PAVANI	II-EEE			
16	D.V.N.S.S.SUBHASH	III-EEE	PPT,SIET TECHFEST 2K16	18.03.2016	1st
17	D.SINDHUJA	IV-EEE	Project Expo,SIET,TECH FEST 2K16	18.03.2016	1st
	B.KALYANI	IV-EEE			
	P.MAHESH	IV-EEE			
	M.JANAKI RAMARAJU	IV-EEE			
18	D.V.N.S.S.SUBASH	IV-EEE	Medha, Engineers Day Celebration, PPT, GIET Campus, Rajahmundry	14.09.2016	2nd
19	D.V.N.S.S.SUBASH	IV-EEE	TECHFEST-2k16, PPT, SIET	01.10.2016	2nd
20	D.V.N.S.S.SUBASH	IV-EEE	TECHFEST-2k17, POSTER, SIET	27.01.2017	1st
	Ch.N.M.S GUPTHA	IV-EEE			
21	A.RUPADEVI	IV-EEE	TECHFEST-2k17, POSTER, SIET	27.01.2017	2nd
	D.SATYA BHARGAVI	IV-EEE			
22	M.VENEETHA	I-EEE	TECHFEST-2k17, POSTER, SIET	27.01.2017	2nd
	A.D.KALYANI	I-EEE			

23	K.UDAYA MANJARI	III-EEE	TECHFEST-2k17, POSTER, SIET	27.01.2017	3rd
	S.SWAROOPA RANI	III-EEE			
24	A.BHAVANI	II-EEE	TECHFEST-2k17, PPT, SIET	27.01.2017	2nd
	N.KEETHI SREE	II-EEE			
25	USHA SRI	II-EEE	TECHFEST-2k17, PPT, SIET	27.01.2017	3rd
	S.PRADEEPA	II-EEE			
26	G.HAMENTH	III-EEE	TECHFEST-2k17, Project Expo, SIET	28.01.2017	2nd
	G.DURGA PRASAD	III-EEE			
	G.TARUN KUMAR	III-EEE			
	M.VAMSI KRISHNA	III-EEE			
27	S.VINAY	IV-EEE	TECHFEST-2k17, QUIZ, SIET	28.01.2017	2nd
	D.S BHARGAVI	IV-EEE			
	B.P.D PALLAVI	IV-EEE			
28	Ch.SIVA KIRAN	II-EEE	TECHFEST-2k17, QUIZ, SIET	28.01.2017	2nd
	M.SIVA SHANKAR	II-EEE			
	V.DURGA PRASAD	II-EEE			

24. List of eminent academicians and scientists / visitors to the department

S.No	Name of the Academician/ Scientist	Date	Designation, Organization
1.	Dr.G.S.N.Raju	21-10-2009	Professor of ECE, Andhra University, Visakapatnam.
2.	Dr. K.Vizaya Kumar	21-10-2009	Former Professor, IIT Kharagpur.
3.	Mr. C.V.Sarveswara Sarma	20-3-2010	President,Konaseema Science Parishath, Amalapuram.
4	Dr. C.Dhanvantari	20-12-2010	Group Leader, CEERI, Pilani.
5.	Mr. G.Vijaya Anand	6-3-2011	Senior Vice-President, HCL Technologies Ltd.
6.	Mr. R.Suriya	25-3-2011	Principal, Dr. B.R.Ambedkar Polytechnic, Yanam
7.	Mr. Ram Indukuri	17-8-2011	Chairman & CEO, Innvoative Apps. Inc., Atlanta, G.A., USA.
8.	Mr. Oleti Ramesh	06-08-2012	Junior Engineer WRLDC, Mumbai
9.	Mr. I.N.V.S. Ram Kumar	13-4-2013	Sr. Software Engineer (IOS Developer)
10.	Mr. Naresh Kumar	21-11-2013	Software Engineer, Glansa Solutions
11.	Dr.K.Ravindra	10-4-2014	Assistant Professor, JNTUK, Kakinada
12.	Dr. M.Srinivasa Rao	14-8-2014	NSIC, Hyderabad
13.	Dr. K.V.S.R.Murthy	10-9-2014	Professor, Aditya College of Engineering
14.	Dr. A.Gopala Krishna	27-9-2014	Professor, JNTUK, Kakinada
15.	Mr. Sonu Tyagi	10-1-2015	Maintec Technologies Pvt. Ltd, Noida
16.	Miss.Y.Sowmya,	07.03.2015	Assistant Engineer, TSGENCO,Srisailam TSGENCO,Srisailam

17.	M. Nageswarao,	12-4-2015	Assistant Professor, JNTUK, Kakinada
18.	Prof. V.S.S.Kumar	10-6-2015	Vice-Chancellor, JNTUK, Kakinada
19.	Dr. S.Srinivasa Kumar	10-6-2015	Director, Research & Development, JNTUK, Kakinada
20.	Mr. M.Nageswararao	17-05-2016	Assistant Professor, JNTUK, Kakinada
21.	Dr. K.V.S.G.Murali Krishna	30-07-2016	Principal, UCEN, JNTUK
22.	Sri S.V.S.Surya Narayana	07-09-2016	Ex. Sr. Vice Presidenet, Hindalco Industries Ltd, Mahan
23.	Sri. V. Madhukar	08-09-2016	Associate Director, Prolific Systems & Technologies Pvt. Ltd, HYD
24.	Dr.G.Naresh	27-01-2017	Professor/Dean Adminstration, Pragathi Engineering College, Surampalem
25	Dr.K.Venkata Reddy	28-01-2017	Assistant Professor, Department of EEE,University College of Engineering, Kakinada,JNTUK

25. **Seminars/ Conferences/Workshops organized & the source of funding**
   a) National

Sl. No.	Seminars/ Conferences/Workshops	Date	Name of the Funding Agency	(National / International)
1	Seminar on Entrepreneurial Orientation – Insight for budding Entrepreneurs	14-8-2014	College	National
2	National level Conference NCCTET- 2014	27-9-2014	College	National
3	Control Systems Workshop	2-12-2014 to 12-12-2014	NME ICT (MHRD, Govt. of India), IIT, Kharagpur	National
4	PLC,SCADA & Industrial Automation	07-09-2016 To 09-09-2016	College	National

   b) International: nil

26. **a) Student profile programme/course wise:**

Sl. No.	Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
1	Basic Electronics and Devices	61	61	34	27	70.49
2	Thermal and Hydro Prime Movers	61	61	34	27	70.49
3	Complex Variables And Statistical Methods	61	61	34	27	77.04
4	Switching Theory And Logic Design	61	61	34	27	86.88

5	Environmental Studies	61	61	34	27	75.41
6	Pulse And Digital Circuits	61	61	34	27	70.49
7	Linear & Digital IC Applications	72	72	49	23	83.1
8	Complex Variables And Statistical Methods	72	72	49	23	80.28
9	Microprocessors & Micro controllers	72	72	49	23	73.61
10	Management Science	72	72	49	23	90.28
11	Computer Organization	65	65	51	14	90.7
12	OOPS Through JAVA	65	65	51	14	73.84

*M = Male   *F = Female

(b) Student pass percentage in graduate level

Academic Year	Appeared	Distinction	First	Second	Failures	Pass %
2009-13	66	17	31	10	8	87.88
2010-14	51	10	31	1	9	82.35
2011-15	63	11	44	1	7	88.89
2012-16	71	2	42	11	16	77.46

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 – 2013	97.2 %	2.8 %	0
B.Tech – 2014	96.5 %	3.5 %	0
B.Tech – 2015	93.2 %	6.8 %	0
B.Tech – 2016	98.2 %	1.8 %	0

28.   How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Sl. No.	Academic Year	Name of the Exam	No. of students cleared
1	2012-13	PGECET	03
2		GRE/TOEFL	02
3	2013 -14	GATE	01
4		PGECET	03
5		GRE/TOEFL	01
6	2014-15	PGECET	02
7	2015-16	PGECET	04

29. **Student progression**

Student progression	Against % enrolled 2012-13	Against % enrolled 2013-14	Against % enrolled 2014-15	Against % enrolled 2015-16
UG to PG	7.93	7.8	3.07	5.55
Employed • Campus selection • Other than campus recruitment	44.44 7.9	48.07 7.8	41.53 6.15	48.66 8.33
Entrepreneurship/Self-employment	--	--	--	

30. **Details of Infrastructural facilities:**

a) Library: No. of Volumes – 183 No. of Titles - 75

b) Internet facilities for Staff & Students: **Available**

c) Class rooms with ICT facility: 01

d) Laboratories:

Sl. No.	Name of the Lab
1	Electrical Circuits Lab
2	Control Systems Lab
3	Power Electronics Lab
4	Electrical Machines Lab
5	Electrical Measurements Lab

31. **Number of students receiving financial assistance from college, university, Government or other agencies**

S.No	Financial Year	No. of Students benefited - Government	No. of Students benefited – College
1	2012-2013	178	7
2	2013-2014	177	7
3	2014-2015	174	6
4	2015-2016	190	9
5	2016-2017	180	12

32. Details on student enrichment programmes (special lectures / workshops / Seminar) with external experts :

S. No	Name of the programme	External Expert Particulars	Date of Event
1	Guest Lecture on Interconnection of national Grid	Mr. Oleti Ramesh Junior Engineer WRLDC, Mumbai	07.12.2012
2	Entrepreneurial Orientation – Insight for budding Entrepreneurs	Dr. M. Srinivasa Rao	14-8-2014
3	Guest Lecture on Deregulated Power Systems	Dr. K.V.S.R.Murthy	10-9-2014
4	Guest Lecture on Recent advances in Power Electronics	Dr. K.Ravindra, Assistant Professor, JNTUK	10.10.2014
5	National Conference on Current Trends in Engineering and Technology-2014	Dr. A.Gopala Krishna JNTUK	11.10.2014
6	Guest Lecture on Overview and maintenance of Hydro power plants	Miss.Y.Sowmya, Assistant Engineer, TSGENCO,Srisailam	07.03.2015
7	Guest Lecture on Advanced Control Systems	Mr. M.Nageswarao, Assistant Professor, JNTUK	11.05.2015
8	Entrepreneurship Awareness camps	Mr. J.Siva Sankar Reddy, DCIF, Rajahmundry	02.03.2016
9	Entrepreneurship Awareness camps	Mr. N.Sudarshan ,NSIC	03.03.2016
10	Three Day Training Program on PLC, SCADA & DRIVES	Mr. V.Madhukar, Associate Director, Prolific Systems & Technologies Pvt. Ltd	07-09-2016 to 09-09-2016
11	Guest Lecture on Advanced Control Systems	Mr. M.Nageswararao Assistant Professor, JNTUK, Kakinada	17-05-2016
12	Joy of Engineering	Dr. K.V.S.G.Murali Krishna Principal, UCEN, JNTUK	30-07-2016
13	SCADA Applications in Industry	Sri S.V.S.Surya Narayana Ex. Sr. Vice Presidenet, Hindalco Industries Ltd, Mahan	07-09-2016

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33. Teaching methods adopted to improve student learning

- Black Board Teaching
- Regular discussions in the class to make the lecture more impressive
- Tutorials
- Demonstrations (Field visits/ Charts/ Models/Experimental Setups)
- Group discussions

- Home Assignments
- Student Seminars/Presentations
- E-learning, Video lectures –NPTEL
- Quiz
- Internship
- Industrial Visits

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

S. No	Name of the Event	Date	No. of Students Participated
1	Blood Donation Camp	26-07-2014	25
2	Special Camp At Cheyyeru	06-02-2015	8
3	Godavari Maha Pushkaralu	20-08-2015	5
4	Women's Day	08-05-2015	12
5	Sankranthi sambaralu	11-1-2016	20
6	Women's Day	08-03-2016	32
7	Engineers' day	15-09-2016	8

35. SWOC analysis of the department and Future plans

Strengths:

- The Department has qualified and dedicated faculty.
- Aptitude & Soft Skill training is provided to the students

Weakness:

- Short of necessary industrial exposure to the students and faculty.
- Students are lacking communication skills at the entry level as many of them are coming from rural areas.

Opportunities:

- Collaboration with premier institutions, research centre for knowledge base sharing.
- New trends in teaching methods and multi-disciplinary professional education

Challenges:

- Government policy of increasing the colleges/seats creates low quality in input students.
- Retaining the quality faculty as the opportunities are many.

Evaluative Report of the Mechanical Engineering Department

1. **Name of the department**   : Mechanical Engineering

2. **Year of Establishment**   : B.Tech (M.E.) in 2011, M.Tech (M.E.) in 2014

3. **Names of Programmes/Courses offered (UG, PG, M. Phil Ph. D Integrated; Integrated Ph.D., etc.)**

Names of Programmes	Programme	Specialization
U.G	B.Tech	Mechanical Engineering
P.G	M.Tech	Machine Design

4. **Names of Interdisciplinary courses and the departments/units involved:**

Si. No	Interdisciplinary course	Dept handling the course
1	Basic Electrical & Electronics Engineering	EEE
2	Micro Electro Mechanical Systems	S&H
3	Interactive Computer Graphics	CSE

5. **Annual/ semester/choice based credit system (programme wise)**

B.Tech	Choice base credit course system
M.Tech	Semester based Credit course system

6. **Participation of the department in the courses offered by other departments**

S.No	Interdisciplinary courses of other departments	ME Faculty handling the course to the Department
1	ENGG. MECHANICS	CIVIL, EEE, CSE
2	ENGG. DRAWING	CIVIL, EEE, ECE,CSE
3	THPM	EEE
4	ELEMENTS OF MECHANICAL ENGINEERING	CIVIL
5	ELECTRICAL AND MECHANICAL TECHNOLOGY	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**

Teaching posts	Sanctioned	Filled
Professors	2	2
Associate Professors	3	3
Asst. Professors	23	23

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.)**

S.No	Name	Qualification	Designation	Specialization	Total Experience
1	Dr.D.Ranga Raju	Ph.D	Professor&Principal	Mech.Hand Tech& Sci	36
2	Dr.D.R.Prasada Raju	Ph.D	Professor	Machine Design	36
3	Mr G.Ravi Kumar	M.Tech	Associate Professor & HOD	Thermal Engg.	11
4	MrK.V.Ramana Murthy	ME	Associate Professor	Production & Industrial Engg	11
5	Mr.P.Srinivas	M.Tech	Associate Professor	CAD/CAM	7
6	Mr M.Veera Raju	ME	Associate Professor	Machine Design	8
7	Mr P V S M Varma	M.Tech	Associate Professor	CAD/CAM	3
8	Mr P.Srinivas	M.Tech	Assistant Professor	CAD/CAM	7
9	MrsY.Anasuya	M.E	Assistant Professor	CAD/CAM	6
10	Mr. K P Ravi Kumar	M.Tech	Assistant Professor	Thermal Engg	4
11	Mr G Radha Krishna	M.Tech	Assistant Professor	Thermal Engg	2
12	Mr R B V Murali	M.Tech	Assistant Professor	Thermal Engg	3
13	Mr P Sai Shashank	M.Tech	Assistant Professor	Thermal Engg	2
14	Mr G Naga Raju	M.Tech	Assistant Professor	Machine Design	3y
15	Mr. J.Gowtham varma	M.Tech	Assistant Professor	Structural Engg.	1
16	M.Tejaanvesh	M.Tech	Assistant Professor	Structural Engg. N.D.M	1
17	Mr.G Praveen Kumar	M.Tech	Assistant Professor	Computer Integrated Manufacturing (CIM)	1
18	Mr. PVD Vivek Kumar	(M.Tech)	Assistant Professor	Machine Design	2
19	M.V.VPrasad	M.Tech	Assistant Professor	Industrial production	0
20	Ms M P Mounica	(M.Tech)	Assistant Professor	CAD/CAM	2
21	Mr V Kiran	(M.Tech)	Assistant Professor	Machine Design	1

22	Mr Y.N.D. Prasad	(M.Tech)	Assistant Professor	Machine Design	2
23	Mr. M.Srikanth	M.Tech	Assistant Professor	CAD/CAM	0
24	Mr.B.Prasanth	(M.Tech)	Assistant Professor	Advanced I.C Engines	0
25	Mr Y.Goapala Rao	(M.Tech)	Assistant Professor	Machine Design	1y
26	Mr V.Kishore	(M.Tech)	Assistant Professor	Machine Design	1
27	Mr M R S Nataraj	(M.Tech)	Assistant Professor	Thermal Engg	2
28	Ms A. Devi Hemalatha	(M.Tech)	Assistant Professor	CAD/CAM	1
29	V.M.Priyanka	M.Tech	Assistant Professor	Structural Engg.	0

11. **List of seniors visiting faculty:**

S.No	Name	Designation
1	Dr. K. Mallikarjuna Rao	Prof. JNTUK
2	Dr. A. Swarna Kumari	Prof. JNTUK
3	Dr. K. Brahma Raju	Prof. SRKR

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty**: No

13. **Student -Teacher Ratio (programme wise):**U.G. – 1:15; P.G. – 1:12

14. **Number of academic support staff and administrative staff; sanctioned and filled:**

Supporting Staff	**Sanctioned**	**Filled**
Technical Staff	6	6
Administrative Staff	1	1

15. **Qualifications of teaching faculty with DSC/ D.Litt/ Ph.D/ MPhil / PG.**

UG	**P.G.**	**Ph.D**
9	17	2

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:**

a) Publication per faculty;

SL. No	Faculty /Staff name	Paper Book title	Events / Journals / Publisher
1	Dr.M.Sreenivasa Kumar	Digital manufacturing- overview	NCCTET-2014
2	V.Subrahmanyam	Nanoash for nano composite applications	NCCTET-2014
3	V.Subrahmanyam	Fluid flow analysis through venturi	NCCTET-2014
4	V.Subrahmanyam	Performance testing of venturi tubes	NCCTET-2014
5	V.Subrahmanyam	Synthesis and Ramar scattering characterization of nano rise husk ash	ICONSEA – 2014
6	V.Subrahmanyam	CFD analysis of heat exchanger	IJRET
7	V.Subrahmanyam	CFD analysis of venturimeter	IJRET
8	V.Subrahmanyam	CFD analysis of orifice meter	IJRET
9	V.Subrahmanyam	Design and analysis of transmission case	IJSET
10	V.Subrahmanyam	Design of TRI car	IJAIR
11	V.Subrahmanyam	Fabrication of TRI car	IJTEEE
12	T.Siva prasad	Performance of fins of motor cycle	NCCTET-2014
13	K.Tejaswee	Performance of fins of motor cycle	NCCTET-2014
14	Y.Anasuya	Agro based natural fibers composite leaf spring	NCCTET-2014
15	V.Srividhya	Agro based natural fibers composite leaf spring	NCCTET-2014
16	P.srinivas	optimization cutting tool life	NCCTET-2014
17	A.V.Sridhar	Manufacturing of thermoplastic material	NCCTET-2014
18	M. Veera Raju	Electrical discharge grinding	NCCTET-2014
19	K Durga Balaji	Electrical discharge grinding	NCCTET-2014
20	J.L. Prathyusha	Design of Green engine	NCCTET-2014
21	V.S.R.Kishore	Design of Green engine	NCCTET-2014
22	V.Naga Babu	Semi Automated Gear changer	NCCTET-2014
23	Y.N.D. Prasad	Semi Automated Gear changer	NCCTET-2014
24	G.Nagarjuna	Surface roughness in high speed machining	NCCTET-2014
25	K. Prema Kumar	Surface roughness in high speed machining	NCCTET-2014
26	A. Jagadeesh	Ductile fragmantation of rapidly expanding cylinder	NCCTET-2014
27	Dr. D. Ranga Raju	The Integration of CAD CAM and Rapid Prototyping in Product	ELSEVIER 2015

		Development(ICMPC)	
28	K.P. Ravi Kumar	Study and analysis of tree shaped fins by using ANSYS	IJRI 2016
29	K.P. Ravi Kumar	Thermal analysis of forced convective heat transfer on tree branching Fins	IJTT 2016

Number of papers published in peer reviewed journals (national /international) by faculty and students: Nil

*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.)

20. **Areas of consultancy and income generated**: Nil

21. **Faculty as members in**

   a) National committees b) International Committees c) Editorial Boards….

   National Conference Committee:

SLNo	Name of the faculty	Committee
1	Dr.M.Sreenivasa Kumar	NCCTET
2	V. Subrahamanyam	NCCTET
3	K.Balaji	NCCTET

22. **Student projects 2014-2015**

   a) Percentage of students who have done in-house projects including inter departmental/programme: **100%**

   b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies 0%

23. **Awards / Recognitions received by faculty and students Faculty:**

SL.No	Name of the faculty	Awards / Recognitions	Remarks
1	Dr.M.Sreenivasa Kumar	Best Faculty	JNTUK
2	S.P.Varma	Best Teacher	SIET
3	G.Ravi Kumar	Best Teacher	SIET

Students:

SL.NO	NAME	PROJECT TITLE	DATE AND VENUE	RANK
1	S Ravi Kumar	Gravity Light	RIET On 18,19,20th March	I
2	S Ravi Kumar	Gravity Light	Prasidha Inst Of Engg And Tech On 27th Marchj	II
3	G A Ch Phaneendra	Glove Controlled Wheel Chair	Siet On 16th March	II
4	B.Siva Naga Krishna	Wire controlled Pick And Place Robot	GVIT 2015	I&II
5	B.Siva Naga Krishna	Bluetooth Controlled Pick Place Robot	GIET 13th Sep 2016	I

24. **List of eminent academicians and scientists / visitors to the department:**

SL.No	Academicians and Scientists	Date	Purpose of visit
1	Dr.G..L.Samual	June 2014	Guest lecture on recent trends of M.T.
2	Dr.Gopala Krishna	Sep 2014	Guest lecture on Research & Development
3	D.ChandraSekhar Varma,	July 2014	Entrepreneurship Awareness program
4	Dr.D.Ranga Raju	August 2015	Guest lecture on Rapid Prototyping
5	Mr. V.Manikanth	Sept 2015	Guest lecture on Thermal Engineering
6	Mr.S.MadhavaRao	Sept 2015	Guest lecture on Thermodynamics
7	EDP Board Kakinada	March 2016	Entrepreneurship development Programmed

25. **Seminars/ Conferences/Workshops organized & the source of funding**

a) **National:**

SL. No	Date	Name of the Conferences	Funding agency	Remarks national / international
1	20-5-2014	Two weeks FM WORK SHOP	NMEICT (MHRD, Gov Of India)	National
2	27-9-2015	NCCTET	SIET	National
3	12-10-2015	Robo Dunia	SIET	National
4	26-29 Sep 2016	Internet of Things (IOT)	SIET	National

b) International Nil

26. **Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M	*F	Pass percentage
BEE	123	123	123	0	65
MEMS	125	125	125	0	95
BEE	122	122	120	02	83
MEMS	124	124	124	0	94

*M = Male   *F = Female

(b) **Student pass percentage in graduate level**

Academic Year	Appeared	Distenction	First	Second	Failures	Pass %
2011-2015	61	13	37	NIL	11	81.97
2012-2016	123	38	62	NIL	23	81.30

27. **Diversity of Students**

Name of the Course/Year	% of students from the same state	% of students from other States
B.Tech -2011-12	100	0
B.Tech -2012-13	100	0
B.Tech -2013-14	93	1 (Chandigarh) 6 (Pondicherry) (Yanam)
B.Tech -2014-15	99	1 Pondicherry) (Yanam)
B.Tech -2015-16	92	8 (Pondicherry) (Yanam)

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?**

S.NO	Name of the exam	No. of students cleared
1	PGECET 2015	1

29. **Student progression**

Student progression	Against % enrolled
UG to PG	0
Employed ☛ Campus selection ☛ Other than campus recruitment	83
Entrepreneurship/Self-employment	1

Placements Details				
BATCH	**TOTAL STRENGTH**	**ELIGIBLE CANDIDATES**	**NO. OF STUDENTS SELECTED**	**PLACEMENTS PERCENTAGE %**
2011-15	66	58	34	58.62%
2012-16	126	68	68	100%

30. **Details of Infrastructural facilities 2015-2016**

   a) **Library:** yes   **No of Books**: 79   **No of Titles:** 19

   b) **Internet facilities for Staff & Students**: yes At College level : No of Systems

   Allotted : 30

   c) **Class rooms with ICT facility:** yes

   d) **Laboratories**: yes

S.No	Name of the lab
1	Engineering Workshop
2	Production Technology Lab
3	Metallurgy/Mechanics of solids Lab
4	Thermal Engineering Lab
5	ICS/Metrology lab
6	Machine Tools Lab
7	Heat Transfer Lab
8	Simulation lab (CAD)

30. **Number of students receiving financial assistance from college, university, Government or other agencies**:

S.No	Financial Year	No. of Students benefited - Government	No. of Students benefited – College
1	2012-2013	127	**3**
2	2013-2014	216	4
3	2014-2015	292	8
4	2015-2016	347	8
5	2016-2017	375	11

32. **Details on student enrichment programmes (special lectures/workshops/ Seminar) with external experts**

SL No	Name of the program	Date	External expert particulars
1	Tech fest 2K15	16 &17-03-2015	R.Sam Sukumar
2	Guest lecture on recent trends of M.T.	June 2014	Dr.G.Samual
3	Guest lecture on Research & Development	Sep 2014	Dr.Gopala Krishna
4	Entrepreneurship Awareness program	July 2014	D.ChandraSekhar Varma,
5	Guest lecture on Rapid Prototyping	August 2015	Dr.D.Ranga Raju
6	Guest lecture on Thermal Engineering	Sept 2015	Mr. V.Manikanth
7	Guest lecture on Thermodynamics	Sept 2015	Mr.S.MadhavaRao
8	National Work Shop on Internet Of Things(IOT) under the leader ship of ROBOKART e-cell IIT, Bombay	Sep 2016	Mr. Yadnesh Zagede

33. **Teaching methods adopted to improve student learning 2015-2016 Special coaching classes for GATE**

   1. Special coaching for Communication skills
   2. chalk & Talk
   3. PPT
   4. OHP
   5. Video lectures
   6. Maintenance of course files.

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities 2013-2016**

   NSS

S. No.	Name of the event / Programme	Date	Guest of the Programme	Participants
1	Teachers' day	5-9-2013	Principal	All the students
2	Engineering day	15-9-2013	Director of academics	All the students
3	Anti ragging	28-12-2013	M. Veera Reddy, D.S.P.	Second year students
4	Sankranthi Sambaralu	11-01-2014	Ahmud Ali C.I of Mummidivaram	All the students
5	Say no to plastic	12-01-2014	Ahmud Ali C.I of Mummidivaram	All the students
6	Clean and green	1-02-2014	Principal	NSS students
7	Health camp	3-02 -2014	Village president	NSS students
8	Carrier guidance	4-02-2014	School head master	NSS students

9	Road repair work	5-02-2014		NSS students
10	Gust lecture	6-03-2014	Prof. G.L. Samuel IIT Madras	Mechanical students
11	International woman's day	8-3-2014	Principal	Women students
12	Water Awareness Day	22-3-2014	principal	All the students
13	Carrier guidance	28-3-2014	AkellaRaghavendra	Final year students
14	Learn English earn money	7-4-2014	Ram C.E.O of Animates youps	Final year students
15	Right to vote	16-4-2014	Principal	Final year students
16	World Environment Day	5-6-2014	Principal	All the students
17	Right to Information	26-6-2014	Principal	All the students
18	Blood donation camp	26-07-2014	D. Subba Raju, MLA, Mummidivaram	Interested NSS and final year student
19	Programme on fire safety	4-08- 2014	G. Narayana from kings institute of fire safety	All the students for 7 days
20	Engineers' day	15-09-2014	Prof. DavasisVaze and G.P. Raja Shekar	All the students
21	NSS day	24-09-2014	Principal	NSS students
22	Sankranthi Sambaralu	11-01-2015	D. Subba Raju, MLA, Mummidivaram	All the students
23	26th Road Safety programme	22-01-2015	L. Ankayya D.S.P. of amp	All the students
24	World waters day	22-03-2015	Principal	NSS students
25	Carrier guidance	7-04 -2015	K.V.S.G. Muralikrishna from JNTUK	First year students
26	Anti Ragging programme	12-08-2015	L. Ankayya D.S.P. of amp	Second year students
27	Independence day	15-08-2015	Sri DVNS Varma, Secretary and Correspondent, SIET	All the students
28	Motivational programme	18-08-2015	AkellaRaghavendra	All the students
29	Yoga programme	26-08-2015	Krupalsindhubai from Brahma kumaries	All the Interested NSS and other student
30	Teachers day	5-09-2015	Principal	All the students
31	Engineers' day	15-09-2015	Principal	All the students
32	Swatcha Bharath	24-9-2015	Principal	First year students
33	Conducted Blood donation camp	16-12-2015	D. Subba Raju, MLA, Mummidivaram	Third year students
35	Sankranthi Sambaralu	11-1-2016	D. Subba Raju, MLA, Mummidivaram Ahmud Ali C.I of Mummidivaram	All the students
36	International woman's day	8-3-2016	Principal	Women students
37	Water Awareness Day	22-3-2016	principal	All the students
38	World Environment Day	5-6-2016	Principal	All the students
39	Yoga programme	26-08-2016	Krupalsindhubai from Brahma kumaries	All the Interested NSS and other

40	Anti Ragging programme	12-8-2016	L. Ankayya D.S.P. of amp	Second year students
41	Independence day	15-08-2016	Sri DVNS Varma, Secretary and Correspondent, SIET	All the students
42	Trirang march	22-08-2016	Sri DVNS Varma, Secretary and Correspondent, SIET	NSS volunteers
43	Teachers' day	5-9-2016	Principal	All the students
44	Conducted Special camp	14-9-2016 to 20-9-2016	A.Sagar, Sarpanch (Pothukurru)	50 NSS volunteers
45	Engineers' day	15-09-2016	Principal	All the students
46	War on mosquitoes	24-09-2016	Principal	NSS students
47	Donated blood on Police Commemoration day	17-10-2016	L. Ankayya D.S.P. of Amalapuram	50 NSS volunteers

35. **SWOC analysis of the department and Future plans**

Strengths:

1. Qualified and committed faculty members

2. Well equipped Laboratories

3. Good team spirit among faculty resulting in knowledge sharing.

4. Students are provided with exposure to prominent Organization in and around the region

5. Value based education to the student for their survival in pluralistic society.

Weaknesses:

1. Poor communication skills of students.

2. Students with rural background

3. Limited R&D facilities.

4. Insufficient faculty development programs.

Opportunities

1. Formation of strong Alumni.

2. Can attract better quality students by upgrading the facilities

3. Attempts to be made to send students on paid internships to the industries around for practical knowledge

Challenges:

1. Faculty retention.

2. Competition from other leading institutions with in the state.

3. Getting sponsored projects from industries.

4. Students are provided with exposure to prominent organization in and around the region

Evaluative Report of the Electronics and Communication Engineering Department

1. Name of the department   : Electronics & Communication Engineering

2. Year of establishment UG: 2009

   PG: 2012

3. Names of programmes/courses offered (UG, PG)

   UG   : B.Tech in Electronics and Communication Engineering.

   PG   : M. Tech in VLSI

4. Names of interdisciplinary courses and the departments/units involved:

Academic year:

Sl.No	Interdisciplinary course	Year -Sem	Which dept. is handling the course
1	Electrical Technology	II-I	EEE
2	Managerial Economics and Financial Analysis	II-I	H&S
3	Environmental Studies	II-I	H&S
4	Data Structures	II-I	CSE
5	Random Variables Stochastic Processes	II-II	H&S
6	Management Science	II-II	H&S
7	IPR & Patents	III-I	H&S

5. Annual/semester/choice based credit system (programme wise):

   UG – B. Tech in Electronics and Communication Engineering – choice based credit system

   PG – M. Tech in VLSI semester based credit system

6. Participation of the department in the courses offered by other departments.

Sl. No.	Interdisciplinary courses	Year - Sem	For which dept. our faculty is handling the course
1.	Basic Electronics and Devices	II-I	EEE
2.	Linear & Digital IC Applications	III-I	EEE
3.	Data Communications	III-I	CSE
4.	Microprocessors & Micro Controllers	III-II	EEE
5.	Digital Logic Design	II-I	CSE
6.	Switching Theory and Logic Design	II-II	EEE
7.	Pulse Digital Circuits	II-II	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 :

Teaching staff	Sanctioned	Filled
Professors	3	3
Associate professors	5	5
Asst. Professors	20	20

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S.No	Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. Students guided for the last 4 years
1	Prof K.S.N Rao	M.S	Professor	Electronic science	33	----
2	Dr.K.Soloman Raju	Ph.D	Professor	Micro Electronics	13	04
3	Dr.I.Srinivasa Rao	Ph.D	Professor	VLSI	12	03
4	M J R M Prasad	M. Tech	Associate Professor	Radar & Microwave Eng.	12	----
5	V.Ramadasu	M. Tech	Associate Professor	ES	11	----
6	A V S S Varma	M. Tech	Associate Professor	VLSI	8	----
7	N N S Venkata Rama Raju	M. Tech	Associate Professor	Computers And Communications	8	----

8	U S B K Maha Laxmi	M. Tech	Associate Professor	Electronic Instrumentation	6	----
9	Ch. Bhavani	M. Tech	Assistant Professor	Digital Systems And Computer Electronics	6	----
10	G.Satti Babu	M. Tech	Assistant Professor	ES	6	----
11	P.Suvarna Raju	M. Tech	Assistant Professor	Radar & Microwave Eng.	6	----
12	G Vasu	M. Tech	Assistant Professor	ES	6	----
13	B. Kalyan Kumar	M. Tech	Assistant Professor	Computers And Communication	4	----
14	K Rambabu	M. Tech	Assistant Professor	VLSI	4	----
15	V.Ajesh Kumar	M. Tech	Assistant Professor	Communication Systems	4	----
16	M Vijaya Bhaskar	M. Tech	Assistant Professor	ES	3	----
17	Sk.Anwar	M. Tech	Assistant Professor	ES.	3	----
18	S.S.V.S. Ramaraju	M. Tech	Assistant Professor	Communication Engineering.	2	----
19	M.S.Mallika	M. Tech	Assistant Professor	VLSI	2	----
20	U. Bapujee	M. Tech	Assistant Professor	ES	2	----
21	T.Akhil Dutt	M. Tech	Assistant Professor	ES	2	----
22	V.S.Sudha	M. Tech	Assistant Professor	VLSI	2	----
23	K. Sandeep	M. Tech	Assistant Professor	ES	2	----
24	B.V V Satyanarayana	M. Tech	Assistant Professor	ECE	2	----
25	K.Satya Rahul	M. Tech	Assistant Professor	System And Signal Processing	1	----
26	G.Sampath Lal	M. Tech	Assistant Professor	VLSI	1	----
27	P. Swarnalatha	(M. Tech)	Assistant Professor	ECE	4	----
28	N.Sravani	(M. Tech)	Assistant Professor	ECE	1	----

11. List of senior visiting faculty:

Sl.No.	Name	Designation
1	Dr.G.S.N Raju	Former Vice Chancellor,AU
2	Dr.S.Srinivasa Kumar	Director, Research & Development, JNTUK, Kakinada
3	Dr.U.V.Ratna Kumari	Professor, JNTUK, Kakinada
4	Dr.M.Sailaja	Professor, JNTUK, Kakinada

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty   : NIL

13. Student-teacher ratio (programme wise)   : UG –15:1, PG 12:1

14. Number of academic support staff (technical)and administrative staff; sanctioned and filled :

Support staff	Sanctioned	Filled
Technical staff	5	5
Administrative staff	1	1

15.Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ M.phil / PG.

Qualification	No. of faculty
Ph. D	2
M. Tech	24
B. Tech	2

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, I CSSR, etc. And total grants received – NIL

18. Research centre/facility recognized by the university – NIL

19. Publications:

a) publication per faculty

Sl. No.	Name of the Faculty	No. of Publications
1	Dr.K.Soloman Raju	2
2	Dr.I.Srinivasa Rao	2
3	M J R M Prasad	1

4	A V S S Varma	5
5	N N S Venkata Rama Raju	1
6	U S B K Maha Laxmi	1
7	G.Satti Babu	2
8	G Vasu	4
9	K Rambabu	4
10	M Vijaya Bhaskar	1
11	M.S.Mallika	1
12	B.V V Satyanarayana	1
13	K.Satya Rahul	1

20.   Areas of consultancy and income generated - NIL

21.   Faculty as members

a) National committees:

Sl. No	Name of the faculty	College/national /international/editorial board
1	Prof.K.S.N.Rao	IETE Life Member.
2	Varasala Ramadasu	IETE Life Member.
3	K. Rambabu	Faculty Coordinator For ECE, NCCTET-14
4	M.J.R.M. Prasad	Department Coordinator For Tech Fest-2014
5	S.S.V.S RamaRaju	Department IETE Coordinator
6	A.V.S.S Varma	Co-Convener, Tech Fest-2k16
7	A.V.S.S Varma	Convener, Tech Fest-2k17
8	K.Satya Rahul	Department Coordinator For Tech Fest-2017

b) International Committees : NIL

c) Editorial Boards: NIL

22. Student projects   :

A) percentage of students who have done in-house projects including

interdepartmental/programme – 100 %

B)   percentage of students placed for projects in organizations outside the institution

i.e. in research laboratories/industry/ other agencies – 0

23. Awards/ recognitions received by faculty and students

  Faculty awards: NIL

Awards/recognitions received by faculty and students

	STUDENTS' ACHEIVMENTS				
Sl. No.	Student Name	Year	Event & Venue	Date	Prize
1	S V N Sai Priya	II-ECE	PPT, Srinivasa College of Engineering & Technology	28/01/17	1st
2	N S S D Deepika	II-ECE	PPT, Srinivasa College of Engineering & Technology	28/01/17	1st
3	K.Ajay Ganesh	III-ECE	PPT, Srinivasa College of Engineering & Technology	28/01/17	2nd
4	Y.S.H.Kiran	III-ECE	PPT, Srinivasa College of Engineering & Technology	28/01/17	2nd
5	V. Lakshmi Pravallika	II-ECE	PPT, Srinivasa College of Engineering & Technology	28/01/17	3rd
6	D.Seetha Devi	II-ECE	PPT, Srinivasa College of Engineering & Technology	28/01/17	3rd
7	K.Harshitha	II-ECE	Poster, Srinivasa College of Engineering & Technology	28/01/17	1st
8	M.Jahnavi	II-ECE	Poster, Srinivasa College of Engineering & Technology	28/01/17	1st
9	K.Chaitanya Veena	II-ECE	Poster, Srinivasa College of Engineering & Technology	28/01/17	2nd
10	V.Mohana Deepthi	II-ECE	Poster, Srinivasa College of Engineering & Technology	28/01/17	2nd
11	G.Varshita	II-ECE	Poster, Srinivasa College of Engineering & Technology	28/01/17	3rd
12	K.Jnaeswari	II-ECE	Poster, Srinivasa College of Engineering & Technology	28/01/17	3rd
13	K.L.Maidhili	IV-ECE	Technical Quiz, Srinivasa College of Engineering & Technology	29/01/17	1st
14	K.N.L. Prasanna	IV-ECE	Technical Quiz, Srinivasa College of Engineering & Technology	29/01/17	1st
15	Ch. Sangeetha	IV-ECE	Technical Quiz, Srinivasa College of Engineering & Technology	29/01/17	1st
16	V.Sai Manikanta	III-ECE	Technical Quiz, Srinivasa College of Engineering & Technology	29/01/17	2nd
17	A.V.S Raju	III-ECE	Technical Quiz, Srinivasa College of Engineering & Technology	29/01/17	2nd
18	M.S.N. Varma	III-ECE	Technical Quiz, Srinivasa College of Engineering & Technology	29/01/17	2nd
19	V. Lakshmi Pravallika	II-ECE	Technical Quiz, Srinivasa College of Engineering & Technology	29/01/17	3rd

20	Y.Mithili	II-ECE	Technical Quiz, Srinivasa College of Engineering & Technology	29/01/17	3rd
21	D.SEETHA Devi	II-ECE	Technical Quiz, Srinivasa College of Engineering & Technology	29/01/17	3rd
22	P. Naveen Kumar	II-ECE	Project Expo, Srinivasa College of Engineering & Technology	29/01/17	2nd
23	K. Shivaji	II-ECE	Project Expo, Srinivasa College of Engineering & Technology	29/01/17	2nd
24	B. Surya Vamsi	II-ECE	Project Expo, Srinivasa College of Engineering & Technology	29/01/17	2nd
25	P. Shiva Shankar	II-ECE	Project Expo, Srinivasa College of Engineering & Technology	29/01/17	2nd
26	P.Harshini Devi	IV-ECE	PPT, Srinivasa College of Engineering & Technology	18/03/16	1st
27	K.L.Maidhili	III-ECE	PPT, Srinivasa College of Engineering & Technology	18/03/16	3rd
28	K.Tejaswini	III-ECE	PPT, Srinivasa College of Engineering & Technology	18/03/16	3rd
29	K.Tejaswini	III-ECE	Technical Quiz, BVCITS	4/3/2016	3rd
30	K.L.Maidhili	III-ECE	Technical Quiz, BVCITS	4/3/2016	3rd
31	K.L.Maidhili	III-ECE	PPT,JNTUK	27/02/16	Winners
32	K.Tejaswini	III-ECE	PPT, JNTUK	27/02/16	Winners
33	Ch. Gopi Krishna	III-ECE	Line World,JNTUK	27/02/16	1st
34	Ch. Gopi Krishna	III-ECE	Short Films, Sri Vasavi Engineering college	24/02/16	2nd
35	Ch. Gopi Krishna	III-ECE	Short Films, Akhil Bharatiya Vidyarthi Parishad(ABVP)	25/02/16	3rd
36	K.L.Maidhili	III-ECE	PPT, Shri Vishnu Engineering college for Woman	8/1/2016	3rd
37	K.Tejaswini	III-ECE	PPT, Shri Vishnu Engineering college for Woman	8/1/2016	3rd
38	Ch. Gopi Krishna	III-ECE	Short Films, GIET	8/1/2016	2nd
39	Ch.Lakshmi Sowmya	II-ECE	Group Discussion, Srinivasa College of Engineering & Technology	15/09/15	1st
40	V.Sravani	II-ECE	JAM, Srinivasa College of Engineering & Technology	15/09/15	1st
41	Y.Bhagya Sri	II-ECE	Quiz, Srinivasa College of Engineering & Technology	15/09/15	1st
42	P.T.Deekshith	III-ECE	Quiz, Srinivasa College of Engineering & Technology	15/09/15	1st
43	D.Maha Lakshmi	III-ECE	Quiz, Srinivasa College of Engineering & Technology	15/09/15	1st
44	K.Vaishnavi	III-ECE	Quiz, Srinivasa College of Engineering & Technology	15/09/15	1st
45	Ch.Gopi Krishna	III-ECE	JAM, Srinivasa College of Engineering & Technology	15/09/15	3rd

46	P.Harshini Devi	IV-ECE	GD, Srinivasa College of Engineering & Technology	15/09/15	2nd
47	Y.Aparanjitha	IV-ECE	Quiz, Srinivasa College of Engineering & Technology	15/09/15	2nd
48	K.L.Maidhili	III-ECE	Power Point Presentation,V.S.Lakshmi Engineering College For Women	14/09/15	1st
49	K.Tejaswini	III-ECE	Power Point Presentation,V.S.Lakshmi Engineering College For Women	14/09/15	1st
50	R.D.Sunitha	III -ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	Winners
51	G.C.U.Padmini	III -ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	Runners
52	R.S.Srikala	III -ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	1st
53	G.C.U.Padmini	III -ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	1st
54	R.Srikala	III-ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	1st
55	A.Maheswari	III-ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	2nd
56	G.Santhoshi	III -ECE	Mini Project,Srinivasa College of Engineering & Technology	16/03/15	Winners
57	V.Navya	III -ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	Runners
58	R.S.Srikala	III -ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	1st
59	A.Maheswari	III -ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	1st
60	P.Harshini Devi	III -ECE	Mini Project, Srinivasa College of Engineering & Technology	16/03/15	1st

24. List of eminent academicians and scientists/visitors to the department:

S. No	Name of The Academician/ Scientist	Date	Purpose of Visit
1	Dr. K.Satyaprasad	04-03-2015	Inaugural Session of IETE Student Chapter
2	Dr. P.Siva Kumar	11-10-2014	National Conference on Current Trends in Engineering and Technology-2014
3	Dr.S.Rajashekar	2014	Guest Lecture on Math Works
4	Dr. G.S.N Raju	2-03-2013	Guest lecture on EMWTL
5	Dr. K.V.S.N.Raju	18-03-2016	Tech Fest 2k16
6	Dr. P.RamaRaju	27-01-2017	Tech Fest 2k17

25. Seminars/conferences/workshops organized & the source offending

    a) National

    b) International

SL. NO	Academic Year	Seminars/conference/Workshops	Name of the funding agency	Remarks(national/international/institutional)
1	2016-17	Hands on embedded systems	college	Institutional
2	2014-15	Signals and systems	National mission on education through ICT(MHRD,govt.of india)	National
3	2014-15	National level conference NCCTET-2014	college	National
4	2012-13	ISTE workshop for ateachers on Aakash for education IIT Bombay	National mission on education through ICT(MHRD,govt.of india)	National
5	2011-12	Workshop on BASIC ELECTRONICS	National mission on education through ICT	National

26. Student profile programme/course wise: B. Tech - ECE

Name of the course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Electrical Technology	121	121	28	93	69.9%
Managerial Economics and Financial Accountancy	121	121	28	93	84.4%
Environmental Sciences	121	121	28	93	87.8%
Data Structures	121	121	28	93	89.3%
Random Variables Stochastic Process	121	121	28	93	64.7%
Management Science	121	121	28	93	92.6%
IPR & Patents	122	122	26	96	97.5%

    *M=Male *F=Female

(b) Student Pass Percentage in Graduate Level

Academic year	Appeared	Distinction	First	Second	Failures	Pass %
2009-13	59	13	28	15	3	94.92
2010-14	111	31	55	15	10	90.99
2011-15	120	40	52	17	11	90.83
2012-16	123	31	69	09	14	88.62

(c) Student Pass Percentage in Post Graduate Level

Academic year	Appeared	First	Second	Failures	Pass %
2012-14	05	04	-	1	80.00
2013-15	13	09	-	4	69.23

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 – 2013	99.1 %	0.82%	0
B.Tech – 2014	95.86%	4.13%	0
B.Tech – 2015	96.29%	3.7%	0

28.   How many students have cleared national and state competitive examination such as NET, SLET, GATE, civil services, defense services, etc.,

Sl. No.	Academic year	Name of the exam	No. of students cleared
1	2012-13	PGECET	01
2		GRE/TOEFL	01
3		GATE	01
1	2013 -14	GATE	01
2		PGECET	07
3		GRE/TOEFL	01
1	2014 – 15	GATE	01
2		PGECET	02
3		GRE	01
1	2015-16	GATE	01
2		GRE/TOEFL	02
3		PGECET	03

29.   Student progression

Student progression	**Against% enrolled 2013-14**	**Against% enrolled 2014-15**	**Against% enrolled 2015-16**
UG to PG	8.10	3.3	4.8
Employed • campus selection • other than campus recruitment	69.23 0.0	90.69 0.0	99.04 0.96
Entrepreneurship/self-employment	--	--	--

30.   Details of infrastructural facilities:

A) Library: No. of Volumes – 250, No. of Titles - 68

B) Internet Facilities for Staff & Students: Available.

C) Class Rooms with ICT Facility: 01

D) Laboratories:

S.NO	Laboratory Name
1	**Electronics LAB** 1) Electronic Devices and Circuits Lab 2) Electronic Circuit Analysis Lab 3) LIC Applications Lab
2	**Communication LAB** 1) Analog Communications Lab 2) Digital Communications Lab 3) Pulse & Digital Circuits Lab
3	**Computer LAB-1** 1) Microprocessors and Microcontrollers Lab 2) Digital System Design & DICA Lab
4	**Computer LAB-2** 1) Digital Signal Processing Lab 2) V L S I Lab
5	**MWE LAB** 1) Microwave Engineering Lab 2) Digital Logic Design Lab

31. Number of students receiving financial assistance from college, university, Government or other agencies.

S.No	Financial Year	No. of Students benefited - Government	No. of Students benefited – College
1	2013-2014	337	9
2	2014-2015	372	10
3	2015-2016	382	11
4	2016-2017	381	11

32. Details on student enrichment programmes (special lectures/workshops/ Seminar) with external experts: last four years

S.No	Name of the academician/ scientist	Date	Purpose of visit
1.	Dr. K.Satyaprasad	04-03-2015	Inaugural session of IETE student chapter
2.	Dr. P.siva Kumar	27-9-2014	National conference on current trends in engineering and technology-2014
3.	Dr.Rajashekar	2014	Guest lecture on math works
4.	Dr. G.S.N Raju	02-03-2013	Guest lecture on EMWTL

33. Teaching methods adopted to improve student learning

- Black board teaching
- Regular discussions in the class to make the lecture more impressive
- Tutorials
- Group discussions
- Home assignments
- Student seminars/presentations
- E-learning, video lectures (NPTEL)
- Quiz

34. Participation in institutional social responsibility (ISR) and extension activities

S.No	Name of the Event	Date	No of Students Participated
1	Blood donation camp	26-07-2014	21
2	Programme on fire safety	4-08- 2014	16
3	26th road safety programme	22-01-2015	28
4	Women's day	08-03-2015	67
5	Women's day	08-03-2016	72
6	Yoga programme	26-08-2016	8
7	Trirang march	22-08-2016	9
8	Conducted special camp (Sagar – Sarpanch)	14-9-2016 - 20-9-2016	15
9	War on mosquitos	24-09-2016	12
10	Donated Blood - Amaraveerula Dinotchavam	17-10-2016	10

35. SWOC analysis of the department and future plans

Strengths:

1. Dedicated and self- motivated faculty with right blend of industry expertise and academic experience.

2. Well -equipped laboratory, library and computational facilities.

3. The rural students were given training for placements and higher education by a team of dedicated trainers.

Weaknesses:

1. Lack of industry- institute interactions, R &D consultancy works.

2. Poor communication skills among the students.

Opportunities:

1. As more number of crude oil rigs is available nearby, coordination with these oil companies is required for practical exposure and further research.

2. As there are a few universities nearby, the experts visiting these universities should be brought to the institute to interact with the students and faculty members.

Challenges:

1. Government's policy of increasing the number of colleges/seats leads to low quality input students.

2. Retaining the quality faculty as the opportunities are many.

Future Plans:

1. MOUs with more number of organizations.

2. Hosting international conference.

3. More focus on R&D activities.

4. Research projects, seminar grants etc.

Evaluative Report of Computer Science and Engineering Department

1. Name of the department   : **Computer Science and Engineering**

2. Year of Establishment   : **UG: 2009**

    P.G: 2012

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated

    Masters; Integrated Ph.D., etc.):

B.Tech(UG)	Computer Science and Engineering
M.Tech(PG)	Computer Science and Engineering

4.   Names of Interdisciplinary courses and the departments/units involved

S.No	Interdisciplinary Course	Year-Sem	Which department is handled that course
1	Manegiral Economics & Financial Analysis	II-I	Humanities & Basic Sciences
2	Probability & Statistics	II-II	Humanities & Basic Sciences
3	Management Science	IV-II	Humanities & Basic Sciences
4	Data Communication	III-I	Electronics & Communication Engineering
5	Digital Logic Design	II-I	Electronics & Communication Engineering
6	IPR& Patents	III-II	Humanities & Basic Sciences

5.   Annual/ semester/choice based credit system (programme wise)

UG- Choice based credit system; PG- Semester based credit system

6.   Participation of the department in the courses offered by other departments

S.No	Interdisciplinary Courses	Year-Sem	Which department our faculty is handling
1	Data Structures	I-II(R-16)	Electronics & Communication Engineering
2	Interactive Computer Graphics	III-II(R-13)	Mechanical Engineering
3	OOP through Java	IV-II(R-13)	Electrical & Electronics Engineering
4	Computer Programming	I-I(R-16)	ECE,ME,EEE,CIVIL
5	IT Workshop	I-I&I-II(R-16)	ECE,ME,EEE,CIVIL

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

Teaching Posts	Sanctioned	Filled
Professors	3	3
Associate Professors	3	3
Assistant Professors	22	22

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S.No	Name	Qualification	Designation	Specialization	Experience in Years	No. of Ph.D.Students guided
1	Dr.R.John Mathew	Ph.D	Professor	CSE	18	1
2	Dr.B.N.Jagadeesh	Ph.D	Professor	CSE	10	2
3	Dr.M.Kondala Rao	Ph.D	Professor	CS&SE	15	---
4	Mr.S.N.V.S.S.S.T Murty	M.Tech	Associate Professor	CSE	7	---
5	Smt.V.Sai Priya	M.Tech	Associate Professor	CSE	7	---
6	Mr.B.Arun Kumar	M.Tech	Assistant Professor	CSE	7	---
7	Mr.R.Praveen Kumar	M.Tech	Associate Professor	CSE	5	---
8	Mr. M.Rama Krishna	M.Tech	Assistant Professor	CSE	5	---
9	Mr.B.Srinivas	M.Tech	Assistant Professor	CSE	5	---
10	Mr. D.Chandra Mouli	M.Tech	Assistant Professor	CSE	5	---
11	Mr.P.Ravi Kishore	M.Tech	Assistant Professor	CSE	5	---
12	Mr.V.Venkanna	M.Tech	Assistant Professor	CSE	4	---
13	Smt. Y.Yesu Jyothi	M.Tech	Assistant Professor	CSE	4	---
14	Smt. R.Anusha	M.Tech	Assistant Professor	CSE	3	---
15	Mr.P.Santosh	M.Tech	Assistant Professor	CSE	2	---
16	Mr.G.Pattabhirama Rao	M.Tech	Assistant Professor	CSE	2	---
17	Mr.Ch.N.V.Prakash	M.Tech	Assistant Professor	CSE	2	---
18	Mr.A.Krishnam Raju	M.Tech	Assistant Professor	CSE	2	---
19	Mr.D.V.Subba Raju	M.Tech	Assistant Professor	CSE	1	---

20	Mr.M.Ramakrishna Raju	M.Tech	Assistant Professor	CSE	1	---
21	Mr.P.T.S.N.Murthy	M.Tech	Assistant Professor	CSE	1	---
22	Mr.N.Santosh Kumar	M.Tech	Assistant Professor	CSE	1	---
23	Smt.V.Karuna	M.Tech	Assistant Professor	CSE	1	---
24	Mr.B.Suresh	M.Tech	Assistant Professor	CSE	1	---
25	Mr.L.G.K.S.L.N.Prabhu	M.Tech	Assistant Professor	CSE	1	---
26	Mr.M.Vijay Varma	M.Tech	Assistant Professor	CSE	1	---
27	Mr.A.Vara Prasad	(M.Tech)	Assistant Professor	CSE	1	---
28	Mr.V.Gowtham	(M.Tech)	Assistant Professor	CSE	1	---

11.List of senior visiting faculty: **04**

Sl. No.	Name	Designation
1	Dr.P.Suresh Varma	Professor of Computer Science, AKNU, Rajahmundry
2	Dr.R.N.V.Jagan Mohan	Professor,Swarnandhra Institute of Engg & Tech
3	Dr.M.V.Rama Sundari	Associate Professor,Dept of IT,GIET, Rajahmundry
4	Mr.K.Deva Rajulu	Sr. Software Engineer, TCS-Chennai

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **Nil**

13. Student -Teacher Ratio (programme wise): **UG – 15:1, PG – 12:1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Support Staff	Sanctioned	Filled
Technical Staff	4	4
Administrative Staff	1	1

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Qualification	No Of Faculty
Ph.D	3
M.Tech	23
B.Tech	2

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:

Sl. No.	Name of the Faculty	No. of Publications
1	Dr.R.John Mathew	14
2	Dr.B.N.Jagadeesh	10
3	Dr.M.Kondala Rao	6
4	Mr.S.N.V.S.S.S.T Murty	5
5	Mr.R.Praveen Kumar	7
6	Smt.V.Sai Priya	4
7	Mr.B.Srinivas	4
8	Mr.V.Venkanna	5
9	Mr. M.Rama Krishna	4
10	Smt. Y.Yesu Jyothi	3
11	Mr. D.Chandra Mouli	3
12	Mr.B.Arun Kumar	3
13	Mrs.R.Anusha	1
14	Mr.P.Ravi Kishore	1
15	Mr.P.Santosh	1
16	Mr.G.Pattabhirama Rao	1
17	Mr.Ch.N.V.Prakash	1
18	Mr.A.Krishnam Raju	1
19	Mr.D.V.Subba Raju	1
20	Mr.M.Ramakrishna Raju	1
21	Mr.P.T.S.N.Murthy	1
22	Mr.N.Santosh Kumar	1
23	Smt.V.Karuna	1
24	Mr.B.Suresh	1
25	Mr.L.G.K.S.L.N.Prabhu	1
26	Mr.M.Vijay Varma	1

20. Areas of consultancy and income generated: **Web Designing –Rs.33000/-**

21. Faculty as members in

S.No	Name of the faculty	College/National /International/Editorial board
1	Dr.R.J.Mathew	Member of CSI
2	Dr.R.J.Mathew	Member of ORSI
3	Dr.M.Kondala Rao	Member of CSI
4	Dr.B.N.Jagadeesh	Organizing Secretary for NCCTET-14
5	S.N.V.S.S.S.T.Murthy	Remote Center Coordinator NMEICT,IIT Bombay
6	B.Srinivas	Member of CSI
7	D.V.Subba Raju	Member of CSI

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme – **100%**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies - **0**

23. Awards / Recognitions received by faculty and students

Students Awards:

S.No	Name of the Students	Awards/ Recognition	Remarks
1	K.S.S.Aditya	First Prize	Paper Presentation at SANKALPA 2K14 on 21st & 22nd Dec 2014 at Swarnandhra College of Engineering & Technology, Narsapur.
2.	K.S.S.Aditya	First Prize	Paper Presentation at TECHNOSCET 2K14 on 25th & 26th Dec 2014 at SRKR Engineering College, Bhimavaram.
3	A.Satya Ramya	Second Prize	Paper Presentation SOUDHA 2K15 on 21st & 22nd Feb 2015 at University College of Engineering, JNTUK, Kakinada.
4	S.Manisha	Third Prize	Paper Presentation MEDHAMILAN 2K15 on 16th and 17th March 2015 at Sri Vishnu Women's college for Engineering,Bhimavaram
5	P.Kumari Rani, D.VidyaVarshini, B.Krupa Varma, S.Sri Naveen	First Prize	Technical Quiz ,VALIANT 2K16,on 28th and 29th Feb 2016 at Sri Vishnu Institute of Technology, Bhimavaram.
6	S.Sri Naveen	Second Prize	C Programming Contest ,VALIANT 2K16,on 28th and 29th Feb 2016 at Sri Vishnu Institute of Technology, Bhimavaram
7	B.Krupa Varma	Second Prize	Typo Manaic,VALIANT 2K16,on 28th and 29th Feb 2016 at Sri Vishnu Institute of Technology, Bhimavaram
8	P.Kumari Rani	First Prize	Galleria d arte,TechFleet 2K16,4th March 2016 at SRKR Engineering College, Bhimavaram
9	P.L.Supriya, M.Sridevi	First Prize	Paper Presentation at TECHFEST 2K16 on 18th and 19th March at Srinivasa Institute of Engineering & Technology,Cheyyeru
10	M.Bhavana, T Alekhya Reddy	Second Prize	Paper Presentation at TECHFEST 2K16 on 18th and 19th March at Srinivasa Institute of Engineering & Technology.
11	E.Pavan Kumar, S.Anji Reddy	Third Prize	Paper Presentation at TECHFEST 2K16 on 18th and 19th March at Srinivasa Institute of Engineering & Technology.
12	S.Sri Naveen, S.Raju	First Prize	Poster Presentation at TECHFEST 2K16 on 18th and 19th March at Srinivasa Institute of Engineering & Technology,Cheyyeru.
13	M.Prasad Raju, T.R.K.Reddy	Second Prize	Poster Presentation at TECHFEST 2K16 on 18th and 19th March at Srinivasa Institute of Engineering & Technology,Cheyyeru.
14	P.Bala Krishna P.Hemanth Varma	First Prize	Technical Quiz at Engineers day celebrations-2K16, Srinivasa Institute of Engineering and Technology.
15	T.Pavani	Second Prize	National Workshop on IOT by Robokart.com in association with E-Cell IIT Bombay, Srinivasa Institute ff Engineering and Technology.

16	P.N.V.Vasavi BadraKali P.Kanta Kumari	First Prize	Paper presentation at TECH FEST-2K17, on 27th and 28th January at Srinivasa Institute of Engineering and Technology.
17	N.Santhoshi N.Aiswarya	Second Prize	Paper presentation at TECH FEST-2K17, on 27th and 28th January at Srinivasa Institute of Engineering and Technology.
18	K.Srilekha P.Aparna	First Prize	Poster presentation at TECH FEST-2K17, on 27th and 28th January at Srinivasa Institute of Engineering and Technology.
19	P.Gayathri B.Mary Gold	Second Prize	Poster presentation at TECH FEST-2K17, on 27th and 28th January at Srinivasa Institute of Engineering and Technology.
20	M.Satya Savithri Ch.Lakshmi Durga	Third Prize	Poster presentation at TECH FEST-2K17, on 27th and 28th January at Srinivasa Institute of Engineering and Technology.
21	S.Sri Naveen S.Raju V.Sambhavi P.Usha Sri	First Prize	Project Expo at TECH FEST-2K17, on 27th and 28th January at Srinivasa Institute of Engineering and Technology.
22	A.S.Bhargavi K.Haaritha D.V.S.N.Raju J.Anvesh Varma	Second Prize	Project Expo at TECH FEST-2K17, on 27th and 28th January at Srinivasa Institute of Engineering and Technology.
23	Ch.Ravi Prasanth Ch.B.V.Satya Sai D.S.C.Rajesh K.Anil Kumar	Third Prize	Project Expo at TECH FEST-2K17, on 27th and 28th January at Srinivasa Institute of Engineering and Technology.
24	P.Bala Krishna P.Hemanth varma P.P.S.C.V.Ram	First Prize	Technical Quiz at TECH FEST-2K17, on 27th and 28th January at Srinivasa Institute of Engineering and Technology.
25	K.Surya Meher P.S.V.L.Naryana G.V.S.S.R.J.Varma	Second Prize	Technical Quiz at TECH FEST-2K17, on 27th and 28th January at Srinivasa Institute of Engineering and Technology.
26	D.S.C.Rajesh K.Anil Kumar Ch.B.V.Satya Sai	Third Prize	Technical Quiz at TECH FEST-2K17, on 27th and 28th January at Srinivasa Institute of Engineering and Technology.
27	K.Srilekha D V L Spandana	First Prize	Poster presentation at Resonance-2K17, on 10th and 11th March at BVC Engineering College Odalarevu.

24. List of eminent academicians and scientists / visitors to the department

S. No	Name of the Academician/ Scientist	Date	Designation, Organization
1.	D.V.Raju	15-8-2009	Former Scientist, ISRO.
2.	Dr.G.S.N.Raju	21-10-2009	Professor of ECE, Andhra University, Visakhapatnam.

3.	Dr. K.Vizaya Kumar	21-10-2009	Former Professor, IIT Kharagpur.
4.	Dr. K.N.Rao	24-1-2010	Professor & Head, Dept. of CSE, PVP Siddhartha Institute of Science & Technology, Vijayawada.
5.	C.V.Sarveswara	20-3-2010	President, Konaseema Science Parisath,
6.	Dr. C.Dhanvantari	20-12-2010	Group Leader, CEERI, Pilani.
7.	G.Vijaya Anand	6-3-2011	Senior Vice-President, HCL
8.	R.Suriya	25-3-2011	Principal, Dr. B.R.Ambedkar Polytechnic, Yanam
9.	M.Pradeep Kumar	25-3-2011	Lecturer, CSE Department, Dr. B.R.Ambedkar Polytechnic, Yanam
10.	Ram Indukuri	17-8-2011	Chairman & CEO, Innvoative Apps. Inc., Atlanta, G.A., USA.
11.	R.Rangarajan	5-11-2011	Vice-President (HR), SICAL Logistics, Chennai
12.	V.Subba Rao	27-8-2012	Project Manager, IBM
13.	I.N.V.S. Ram Kumar	13-4-2013	Sr.Software Engineer (IOS Developer)
14.	Naresh Kumar	21-11-2013	Software Engineer, Glansa Solutions
15.	N.Kiran Kumar	18-4-2014	Software Engineer, Context Technologies
16.	Kiran Kumar	13-5-2014	Software Engineer, Sneha Software Solutions.
17.	Dr. K.Raja Sekhara	21-7-2014	Inaugural Session of CSI student chapter
18.	Dr. M.V.Rama Sundari	26-7-2014	Resource Person for Work shop on Current Research Trends in Adhoc Networks and Cloud Computing
19.	Prof. P.suresh Varma	26-7-2014	Resource Person for Work shop on Current Research Trends in Adhoc Networks and Cloud Computing
20.	Ch.V.Raghavendran	26-7-2014	Resource Person for Work shop on Current Research Trends in Adhoc Networks and Cloud Computing
21.	G.Naga Satish	26-7-2014	Resource Person for Work shop on Current Research Trends in Adhoc Networks and Cloud Computing
22.	Dr.Srinivasa Rao	14-8-2014	Entrepreneurial Orientation – Insight for budding Entrepreneurs
23.	K.Vasantha Rao	11-9-2014	CEO, Kimberlite IT Pvt. Ltd., Hyderabad
24.	Dr. A.Gopala Krishna	27-9-2014	National Conference on Current Trends in Engineering and Technology-2014
25.	Mr.K.Deva Rajulu	21,22-11-2014	C Programming
26.	Mr. Sonu Tyagi	10-1-2015	Maintec Technologies Pvt. Ltd, Noida

27.	Prof. V.S.S.Kumar	10-6-2015	Vice-Chancellor, JNTUK, Kakinada
28.	Dr.S.Srinivasa Kumar	10-6-2015	Director, Research & Development, JNTUK, Kakinada
29.	Mr. O.Ramesh	24-7-2015	Cloud Computing
30.	Mr.T.Pavan Kumar	29-10-2015	Morn Technologies, Kakinada
31.	Mr.C Goutam Reddy	23-12-2015	Lead Program Manager,Microsoft
32.	Dr.R.N.V.Jagan Mohan	24-09-2016	Professor, Dept of CSE ,Swarnandhra Institute of Engineering & Technology
33.	Dr.N.K.Kameswara Rao	27-01-2017	Associate Professor,Dept of IT, SRKR Engineering College

25. Seminars/ Conferences/Workshops organized (Source of Funding)

S. No	Name of Conference /Workshop/Seminars Organized	Name of the Funding Agency	National/International/Institutional
1	Inaugural Session of CSI student chapter	College	Institutional
2	Current Research Trends in Adhoc Networks and Cloud Computing	College	National
3	C Programming Workshop	National Mission on Education through ICT (MHRD, Govt. of India)	National
4	Seminar on Entrepreneurial Orientation – Insight for budding Entrepreneurs	College	Institutional
5	NCCTET-2014	College	National
6	Seminar on C Programming	College	Institutional
7	Workshop on Introduction to Design of Algorithms	National Mission on Education through ICT (MHRD, Govt. of India)	National
8	Cloud Computing	College	Institutional
9	Android Application Development	College	Institutional
10	The Changing Nature and Uses of Data and the implications to Software	College	Institutional
11	Big Data & Hadoop	College	Institutional
12	Mean Stack and Cloud Computing	College	Institutional

26.   (a) Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
MEFA	119	119	20	99	81.5
Probability & Statistics	125	125	17	108	92.8
Digital Logic Design	119	119	20	99	84.8
Data Communications	123	123	17	106	97.6

 *M = Male   *F = Female

(b) Student pass percentage in graduate level

Academic Year	Appeared	First	Second	Failures	Pass %
2012-13	58	36	15	7	87.93
2013-14	81	70	2	9	88.89
2014-15	106	96	0	10	90.57
2015-16	118	99	0	19	83.90

(c) Student pass percentage in Post Graduate level

Academic Year	Appeared	First	Second	Failures	Pass %
2012-14	16	15	0	1	93.75%
2013-15	17	15	0	2	88.23%

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 – 2013	100	0	0
B.Tech – 2014	98.38	1.62	0
B.Tech – 2015	90.76	9.24	0
B.Tech – 2016	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Sl. No.	Academic year	Name of the exam	No. of students cleared
1	2012-13	GATE	00
2		GRE/TOFEL	01
3		PGECET	03
1	2013 -14	GATE	00
2		GRE/TOFEL	00
3		PGECET	02
1	2014 – 15	GATE	01
2		GRE/TOFEL	01
3		PGECET	07
1	2015-16	GATE	00
2		GRE/TOFEL	00
3		PGECET	03

29. Student progression

Student progression	Against % enrolled			
	2012-2013	2013-2014	2014-2015	2015-16
UG to PG	12	6.17	6.60	2.54
• Campus selection	70.68	48.64	72.28	94.87
• Other than	-	-	-	1.6
Entrepreneurship /Self-employment	-	-	-	-

30. Details of Infrastructural facilities (2015-2016)

a) Library: No. of Volumes – 282, No. of Titles - 155

b) Internet facilities for Staff & Students: **Available**

c) Class rooms with ICT: **01**

d) Laboratories:

S.No	Laboratory Name	No. of Systems	Systems Configuration with Required Software
1	CSE LAB-1	60	System Model :Lenovo Think Center M73-4130 Lenovo Think Center E73 Processor: Intel Dual Core G3240@3.10GHZ Hard Disk:500GB RAM:4GB
2	CSE LAB-2	65	System Model :HP Compaq Desktop Processor: Intel Dual Core E2180 Hard Disk:250GB RAM:2 GB
3	CSE LAB-3	120	System Model :Zenith Processor: Intel Core 2 Duo Hard Disk:250GB RAM:2GB
4	CCC	64	System Model : Lenovo Think Center Wipro Evolv Processor: dual core 2.60 GHz Hard Disk: 500GB RAM:1GB, 2 GB

31. Number of students receiving financial assistance from college, university, Government or other agencies

S.No	Financial Year	No. of Students benefited - Government	No. of Students benefited – College
1	2012-2013	246	5
2	2013-2014	293	8
3	2014-2015	319	7
4	2015-2016	335	8
5	2016-2017	341	12

32. Details on student enrichment programmers (special lectures / workshops / Seminar) with external experts (Last 4 Years)

S.No	Name of the Program	Date	External Expert Particulars
1	Inaugural Session of CSI student chapter	21-7-14	Dr. K.Raja Sekhar Rao Director, Sri Prakash Educational Institutes.
2	One Day Workshop on Current Research Trends in Adhoc Networks and Cloud Computing	26-7-14	Dr.P.Suresh Varma, Professor of Computer Science, AKNU, Rajahmundry

3	One Day Workshop on Current Research Trends in Adhoc Networks and Cloud Computing	26-7-14	Dr.M.V.Rama Sundari, Professor, Department of CSE, GIET, Rajahmundry
4	One Day Workshop on Current Research Trends in Adhoc Networks and Cloud Computing	26-7-14	Ch.V.Raghavendran, Associate Professor, Dept. of MCA, Ideal College of PG Studies, Kakinada
5	One Day Workshop on Current Research Trends in Adhoc Networks and Cloud Computing	26-7-14	G.Naga Satish Assistant Professor, Dept. of MCA, Ideal College of PG Studies, Kakinada
6	Entrepreneurial Orientation-Insight for budding Entrepreneurs	14-8-14	Dr. Srinivasa Rao,Professor, BITS
7	Two days Training Program on C-Programming	21-11-14, 22-11-14	Mr.K.Deva Rajulu,Sr. Software Engineer, TCS-Chennai
8	Orientation on Cloud Computing	24-7-2015	Mr. O.Ramesh,USA.
9	Android Application Development	29-10-15 to 31-10-15	Mr.T.Pavan Kumar Reddy, Morn Technologies, Kakinada
10	The Changing Nature and Uses of Data and the implications to Software	23-12-15	Mr.C.Gautam Reddy, Lead Program Manager, Microsoft
11	Big Data & Hadoop	24-09-16	Dr.RNV Jagan Mohan,Professor,Swarnandhra Institute of Engg & Tech
12	Mean Stack and Cloud Computing	16-03-17, 17-03-17	Mr.G.Harish,Ms.P.Priyanka,Ms D.Saranya, Miracle Software Solutions,Visakhapatnam

33. Teaching methods adopted to improve student learning

- Black Board Teaching
- Regular discussions in the class to make the lecture more impressive
- Tutorials
- Group discussions
- Home Assignments
- Student Seminars/Presentations
- E-learning, Video lectures –NPTEL
- Quiz
- Internship

34.   Participation in Institutional Social Responsibility (ISR) and Extension activities

Participation in NSS camps and Red Cross blood donation campus.

S.NO	Name Of The Event	Date	No of Students Participated
1	REPUBLIC DAY	26-01-2016	70
2	Rain Water Harvesting	06-02-2016	39
3	International women's day	08-03-2016	80
4	YOGA Day	21-06-2016	39
5	Vanam Manam	29-07-2016	39
6	Independence Day	15-08-2016	
7	Three Rang March	22-08-2016	39
8	Special camp	14-09-2016	39
9	NSS Day	24-09-2016	39
10	War on mosquitoes	24-09-2016	39
11	Awareness program on Cash Less Transaction & Digital Payments	14-12-2016	39
12	REPUBLIC DAY	26-01-2017	70
13	International women's day	08-03-2017	80

35.   SWOC analysis of the department and Future plans

Strengths:

▪ Well equipped laboratory, library and class room facilities.

▪ Talented cooperative faculty.

▪ Aptitude & Soft Skill training is provided to the student

● Cooperative & Supporting Management

Weaknesses:

▪ Lack of senior professors.

▪ Lack of funded projects.

● Less no of international conferences and symposiums.

Opportunities:

▪ Collaboration with premier institutes, research centre for knowledge-base sharing.

▪ Autonomy in designing the curriculum.

▪ Government policy of increasing the colleges/seats creates low quality input of students.

● Retaining the quality faculty as the opportunities are many.

Challenges:

▪ More competition from other private universities.

▪ Need to get funded projects.

- Training students other than academics.

    Future Plans:

- More Industry tie ups

- Hosting International Conference.

- More focus on R&D related activities.

- Research Projects, Seminar Grants etc.

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:

Place:

Date:

PART – F

ANNEXURES

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/1-2813852657/2016/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	1-2813852657
Name of the Institute	SRINIVASA INSTITUTE OF ENGINEERING AND TECHNOLOGY	Permanent Id	1-4636134
Name of the Society/Trust	SRI SARASWATHI EDUCATIONAL SOCIETY	Institute Address	NH 214, KAKINADA-AMALAPURAM ROAD, CHEYYERU VILLAGE, KATRENIKONA MANDAL, AMALAPURAM-533222, AMALAPURAM, EAST GODAVARI, Andhra Pradesh, 533222
Institute Type	Unaided - Private	Society/Trust Address	FLAT:101, SAI SURYA RESIDENCY, BHUPAYYA AGRAHARAM, AMALAPURAM ,AMALAPURAM,EAST GODAVARI,Andhra Pradesh,533201

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: 1-2813852657			Course		Affiliating Body					
Program	Shift	Level		Full/Part Time		Intake 2015-16	Intake Approved 2016-17	NRI Approval status	PIO/FN/Gulf quota Approval status	Foreign Collaboration/Twining Program Approval status
ENGINEERIN	1st Shift	POST	COMPUTER SCIENCE AND	FULL TIME	Jawaharlal Nehru	24	24	NA	NA	NA

Application Number: 1-2813852657
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G AND TECHNOLOGY		GRADUATE	ENGINEERING		Technological University, Kakinada					
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	VLSI	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	CIVIL ENGINEERING	FULL TIME	State Board of Technical Education and Training, Hyderabad	60	60	NA	NA	NA
	2nd	DIPL	ELECTRICAL	FULL	State Board 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	AND ELECTRONICS ENGINEERING	TIME	Technical Education and Training, Hyderabad					
ENGINEERIN G AND TECHNOLO GY	2nd Shift	DIPL OMA	ELECTRONICS AND COMMUNICATI ONS ENGINEERING	FULL TIME	State Boadr o 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 SRINIVASA INSTITUTE 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

4. **The Principal / Director,**
    SRINIVASA INSTITUTE OF ENGINEERING AND TECHNOLOGY
    NH 214, KAKINADA-AMALAPURAM ROAD,
    CHEYYERU VILLAGE,
    KATRENIKONA MANDAL,
    AMALAPURAM-533222,

Application Number: 1-2813852657
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All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chendralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

AMALAPURAM,EAST GODAVARI.
Andhra Pradesh,533222

5. The Secretary / Chairman,
SRI SARASWATHI EDUCATIONAL SOCIETY
FLAT:101, SAI SURYA RESIDENCY, BHUPAYYA AGRAHARAM, AMALAPURAM.,
AMALAPURAM,EAST GODAVARI,
Andhra Pradesh,533201

6. Guard File(AICTE)

Application Number: 1-2813852657
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Grams: "TECHNOLOGY"
Email: chs_eec@yahoo.co.in
registrar@jntuk.edu.in

O: 0884-2300900
F: 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/Srinivasa IE & T – 6N/NAAC/2016-17   Dt. 30.11.2016

Dr. Ch.Sai Babu
M.Tech., Ph.D.
REGISTRAR i/c

TO WHOM IT MAY CONCERN

This is to certify that **"Srinivasa Institute of Engineering & Technology, Near Mummidivaram, East Godavari District"** affiliated to the **Jawaharlal Nehru Technological University Kakinada** since 2008 and 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
B.Tech Programmes: 4 Years Duration			
1	Civil Engineering	Temporary	2016-17
2	Electrical and Electronics Engineering	Temporary	2016-17
3	Mechanical Engineering	Temporary	2016-17
4	Electronics and Communication Engineering	Temporary	2016-17
5	Computer Science and Engineering	Temporary	2016-17
M.Tech Programmes: 2 Years Duration			
1	M.Tech in Machine Design	Temporary	2016-17
2	M.Tech in VLSI	Temporary	2016-17
3	M.Tech in Computer Science and Engineering	Temporary	2016-17
4	M.Tech in Structural Engineering	Temporary	2016-17

REGISTRAR i/c
JNTUK KAKINADA
REGISTRAR
J.N.T. University Kakinad:
KAKINADA-533 003

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
(An Autonomous Institution of the University Grants Commission)
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

	LOI submitted date	06/12/2016
	Track id	APCOGN26811
	Edit option given date	
	LOI Submitted old date	
1	Process and Cycle	ACCREDITATION, Cycle: 1
2	Institution Name	SRINIVASA INSTITUTE OF ENGINEERING AND TECHNOLOGY
3	Name of the Head of the Institution	DR.D.RANGA RAJU
3a	Designation	PRINCIPAL
4	Address	NH-216, K.CH.PUDI (P.O), CHEYYERU(V), AMALAPURAM, E.G.DIST., A.P., INDIA PIN 533 216
	City	AMALAPURAM
	State	ANDHRA PRADESH
	Pin code	533216
	Phone no.	08856 272699 08856 297098
	Mobile no	7893177899 9618122226
	Fax	08856 297099
	Email	sietamp@gmail.com srinivasaec.amp@gmail.com
	Website	www.sriniet.edu.in
5	Date of Establishment	30/06/2009
5a	Have two batches of students graduated from the college	Yes
6	Is the College recognized under section 2f of UGC act?	No
6a	Date of Recognition by UGC under 2f	

	Uploaded UGC 2f certificate	
7	Is the College recognized under section 12B of UGC act?	No
7a	Date of Recognition by UGC under 12(B)	
	Uploaded UGC 12B certificate	
7b	Name of the university to which the college is Affiliated or of which the college is Constituent	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA
	State in which affiliating university is located	ANDHRA PRADESH
	Type Of Affiliation	TEMPORARY
	Uploaded Certificate	SIETA_JNTUK_AFFILIATION_16-17.PDF
7c	If the institution is not affiliated to a university,does it offer any programmes recognized by any Statutory Professional Regulatory (SPR) Council which is equivalent to a post graduate programme of a university	No
	Name of the Programmes	
	Name of SPR Council recognizing it	
	Equivalent University degree	
8a	Is the institution recognised as an Autonomous College by the UGC?	No
	Autonomous Date	
	Uploaded Certificate	
8b	Is the institution recognised as College with 'Potential for Excellence(CPE)' by the UGC	No

	CPE Date	
	Uploaded Certificate	
8c	Is the college offering any programmes by any Statutory Regulatory Authority(SRA)?	Yes
	Statutory Regulatory Bodies	AICTE
	Uploaded certificate of recognition by SRA	AICTE APPROVAL 2016-17.PDF
9a	Nature of the college	PRIVATE SELF FINANCING
9b	Number of degrees offered	Certificate: : Diploma: : UG: :5 PG: :4 PG Diploma recognized by statutory authority: : Research: : Others: :
9c	Details of degrees offered	Arts: :- Commerce: :- Science: :- Education: :- Health Sciences: :- Engineering and Technology: :B.TECH (EEE,ECE,MECH,CIVIL AND CSE),M.TECH (VLSI,STRUCTURAL ENGG.,CSE AND MACHINE DESIGN) Management: :- Others: :-
10	Whether Teacher Education / Physical Education department is opting for A&A process separately?	No

11	Total Number of Teaching Staff Non-Teaching Staff Students	128 43 1985
12	Date of establishment of IQAC	07/12/2015
	SSR Uploaded Link	http://www.sriniet.edu.in/Files/Others/SSRNAAC.pdf

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
P. O. Box No. 1075, Nagarbhavi,Bangalore -560072,
Karnataka, India
Phone. +91-80-23210261

Certificate

Breakthrough Management Quality Registrar (BMQR)

Certifies that the Quality Management System of

SRINIVASA INSTITUTE OF ENGINEERING & TECHNOLOGY
NH-216 Road, Cheyyeru (V), Amalapuram - 533 222. East Godavari District.
Andhra Pradesh, India.

has been assessed and found to be in accordance with the requirements of the quality standards

ISO 9001:2015

for the following scope of certification

PROVIDING POST GRADUATE DEGREE COURSES IN ENGINEERING: COMPUTER SCIENCE AND ENGINEERING (CSE), MACHINE DESIGN (MD), STRUCTURAL ENGINEERING (SE), VLSI AND UNDERGRADUATE DEGREE COURSES IN ENGINEERING: CIVIL ENGINEERING (CE), COMPUTER SCIENCE AND ENGINEERING (CSE), ELECTRICAL AND ELECTRONICS ENGINEERING (EEE), ELECTRONICS AND COMMUNICATION ENGINEERING (ECE), MECHANICAL ENGINEERING (ME), AND DIPLOMA COURSES IN CIVIL ENGINEERING, ELECTRICAL AND ELECTRONICS ENGINEERING (EEE), ELECTRONICS & COMMUNICATION ENGINEERING (ECE) AND MECHANICAL ENGINEERING (ME) AS APPROVED BY AICTE AND IN AFFILIATION TO JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Further clarifications regarding the scope of this certificate and applicability of ISO 9001:2015 requirements may be obtained by consulting the organization.

		Surveillance Audit
Original Certification Date	: 08/04/2015	Due On 07/04/2016 Due On 07/04/2017
Current Certification Date	: 06/04/2016	
Second Surveillance Due on	: 07/04/2017	
Certificate Expiration Date	: 07/04/2018	This certificate is invalid if surveillance audit is not completed

BMQR
ISO 9001 CERTIFIED

AIAO-BAR ★★★★★
QMS
ACCREDITED
USA

Certificate No: AB09IS153023/R1

For BMQR
No:5, 2" Floor, Sathyamoorthy Road, Thiruvalleeswarar Nagar, Thirumangalam, Anna Nagar West, Chennai - 600 040. Tamilnadu, India.
email: iso@bmqr.com, Web : www.bmqr.com
PH- 044-26152595

The certificate will remain current subject to the company maintaining its system to the required standard(s). This will be monitored regularly by BMQR Certifications Pvt. Ltd., This Certification details and effectiveness are listed at www.bmqr.com. Registration does not assure the quality of products produced by a Quality System. This Certificate is granted based on the limited sampling audit as per ISO 19011:2011 and BMQR is not responsible for client's failure to maintain documented quality system. This certificate is the property of BMQR Certifications Pvt. Ltd. and to be returned upon request.

SRI SARASWATHI EDUCATIONAL SOCIETY - AMALAPURAM
INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31-03-2014

EXPENDITURE	SCH	AMOUNT(Rs.)		INCOME	SCH	AMOUNT(Rs.)	AMOUNT(Rs.)
To ADMINISTRATIVE & GENERAL EXPENSES	I	11466324.00	By	FEE COLLECTIONS (DIRECT INCOME)			
				Govt Fees		46049500.00	
To EXAM FEE PAID		2549422.00		Admn & Tution Fees		26459229.00	
				Exam Fee Collections		1671586.00	
To FINANCIAL EXPENSES	II	20821761.00		Hostel Fees		2765655.00	
				Transport Fees		10007181.00	
To SALARIES TO EMPLOYEES	III	29596200.00	By	MISC. INCOME (INDIRECT INCOME)			86953151.00
To REPAIRS & MAINTENANCE	IV	11116751.00		Interest on Fixed Deposits		297500.00	
		75550458.00		Rental Income		6000.00	303500.00
To PROFIT BEFORE DEPRECIATION		11706193.00					
To DEPRECIATION ON FIXED ASSESTS	ANX-1	17991775.55					
To Excess of Expenditure Spent Over Income		-6285582.55					
TOTAL		87256651.00		TOTAL			87256651.00

PLACE : AMALAPURAM

DATE : 23/08/2014

For Sri Saraswathi Educational Society

Secretary & Correspondent

AS PER OUR SEPARATE REPORT OF EVEN DATE

M.S.SURYANARAYANA & Co,CHARTERED ACCOUNTANTS

SRI SARASWATHI EDUCATIONAL SOCIETY-AMALAPURAM
INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31-03-2015

EXPENDITURE	SCH	AMOUNT(Rs.)		INCOME	SCH	AMOUNT(Rs.)
To ADMINISTRATIVE & GENERAL EXPENSES	I	12357606	By	FEE COLLECTIONS (DIRECT INCOME)	V	
				Govt Fee Collections		54952100
To EXAM FEE PAID		3711287		Mgmt Fee Collections		29410382
				Hostel & Canteen Fees		4885395
To FINANCIAL EXPENSES	II	22427923		Transport Fees		10646200
						99894077
To SALARIES TO EMPLOYEES	III	39774717	By	EXAM FEE COLLECTIONS		3809020
To REPAIRS & MAINTENANCE	IV	10582227	By	MISC. INCOME (INDIRECT INCOME)		
		88853760		Interest on Fixed Deposits		297500
				Interest on TDS Receivable		5060
To PROFIT BEFORE DEPRECIATION		15271944		Fines & Penalities		120047
						422607
To DEPRECIATION ON FIXED ASSESTS	ANX-1	20556368				
To Excess of Expenditure Spent Over Income		-5284424				
TOTAL		104125704		TOTAL		104125704

PLACE : AMALAPURAM
DATE : 13-05-2015

For Sri Saraswathi Educational Society

Secretary & Correspondent

AS PER OUR SEPARATE REPORT OF EVEN DATE

FASTBROWN & RAJARAM
Proprietor : M.S.Suryanarayana
Chartered Accountant
M.S.SURYANARAYANA & CO
CHARTERED ACCOUNTANTS

SRI SARASWATHI EDUCATIONAL SOCIETY-AMALAPURAM
INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31-03-2016

	EXPENDITURE	SCH	AMOUNT(Rs.)	INCOME	SCH		AMOUNT(Rs.)
To	ADMINISTRATIVE & GENERAL EXPENSES	I	10541208	By FEE COLLECTIONS (DIRECT INCOME)	VII		
				Tution Fee from Govt		59999900	
To	FINANCIAL EXPENSES	II	21461239	Tution Fee from Mgmt.Quota		25109340	85109240
To	SALARIES TO EMPLOYEES	III	47163707	By EXAM FEE COLLECTIONS			5306800
To	REPAIRS & MAINTENANCE	IV	3618065	By TRANSPORT FEE COLLECTIONS			12674582
To	EXAM CELL EXPENSES	V	4978231	By HOSTEL & CANTEEN FEE COLLECTIONS			3270500
To	TRANSPORT EXPENSES	VI	12723338	By MISC. INCOME (INDIRECT INCOME)			
To	HOSTEL & CANTEEN EXPENSES		3452096	Interest on Fixed Deposits		297500	
			103937884	Fines & Penalities		65600	363100
To	PROFIT BEFORE DEPRECIATION		2786338				
To	DEPRECIATION ON FIXED ASSESTS	ANX-1	23830278				
To	Excess of Expenditure Spent Over Income		-21043941				
	TOTAL		106724222	TOTAL			106724222

PLACE : AMALAPURAM

DATE : 20-09-2016

For Sri Saraswathi Educational Society,

D.V.N.S. Varma
Secretary & Corrrespondent.

AS PER OUR SEPARATE REPORT OF EVEN DATE

M.S. SURYANARAYANA & Co.,
CHARTERED ACCOUNTANTS

CANTEEN BLOCK