



DHANEKULA

INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E. New Delhi & Affiliated to JNTUK, Kakinada)
Ganguru, Vijayawada - 521 139

INSTITUTIONAL ACCREDITATION

SELF STUDY REPORT

(S S R)



Submitted to



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
(NAAC)

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

APRIL – 2017

PREFACE

Dhanekula Institute of Engineering & Technology, Vijayawada, was established in the year 2009 founded by Sri Dhanekula Ravindranath Tagore, a renowned agriculturist and industrialist in the area, under Dhanekula Venkata Subbaiah Charitable Trust. Institution is approved by AICTE, New Delhi and is affiliated to JNTUK, Kakinada with a mission of Moulding Students as proficient, competent, and socially responsible engineering personnel with ingenious intellect.

Institution is spread in 11.66 acres of land with state of art infrastructure and laboratories, in campus hostel facility for boys and girls separately, in a luster green grounds of serene natural surroundings, and has set a trend in and around Vijayawada in providing quality technical education with a sense of discipline and moral values. Institution started functioning from 2009 with four undergraduate course in engineering with an intake of 240 and is now offering undergraduate courses in Civil Engineering, Computer Science & Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering, Post graduate course in M.Tech VLSI Design, CSE and Diploma Level courses with total intake of 828.

Institution is governed efficiently by the governing body and we feel privileged of having eminent personality Dr. T Hanuman Chowdary, Founding Chairman and Managing Director of VSNL and Padama Sri Award 2017 as member of the governing body. Through their guidance every effort is being made for overall development of the students, by creating opportunities to participate in co-curricular and extra-curricular activities through various indigenous committees with student members working in coordination with the regular curriculum of the programs offering in various departments.

We strongly believe that the present success of the institution is because of the quality concern within the institution at every level and in view of the changing trends in the education systems at the national and international level, felt the need of getting accredited with prestigious accrediting body. As NAAC has developed certain measures for continuous improvements of Higher Education Institutions, hence to get accredited by NAAC. As part of the process college takes the privilege of submitting the FIRST cycle of Self Study Report (SSR) for accreditation. The SSR has been prepared as per the norms set by National Assessment and Accreditation council (NAAC), Bangalore, which gives an insight to our efforts and aspirations. We strongly believe that the quality inspection boosts the morale of the entire team of Dhanekula which in turn makes us serve the stake holders in a better way in future by getting accredited. We make humble request to accept the SSR towards your accreditation process.



DhaneKula Institute of Engineering & Technology

(Approved by AICTE New Delhi Affiliated to JNTU Kakinada)

An ISO 9001 - 2008 Certified Institution

Ganguru, Vijayawada - 521 139. Phone & Fax : 0866-2583842 / 43, Cell : 94910 17088,
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Dr. Ravi Kadiyala

B.Tech. M.E., Ph.D.
Principal

Ref: DHAN/IE&T/NAAC/Accreditation/Submission of Hard Copies

Date: 21-04-2017

To
The Director,
National Assessment & Accreditation Council,
Bangalore.

Sir,

Sub: Submission of Self-Study Report (SSR) to NAAC for accreditation Cycle 1 –
DhaneKula Institute of Engineering & Technology, Ganguru, Penamaluru Mandalam,
Krishna, Vijayawada- 521 139, Andhra Pradesh - Reg.

Ref: Our Institution Track ID: **APCOGN27123** vide LOI Dt. 21.3.2017.

With reference to the subject and reference cited above, we are herewith submitting five sets of hard copies and a soft copy (CD) of SSR along with a demand Draft for Rs. 3,45,000 (Three Lakh Forty Five Thousand rupees only) towards Assessment and Accreditation (A&A) fee bearing No: 378969 dated 21-04-2017 drawn at Andhra Bank, Ganguru Branch.

We request you to kindly arrange the peer team visit on the following dates

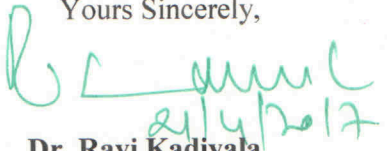
Set1: 29th, 30th June and 1st July.

Set2: 13th, 14th and 15th July.

Set3: 20th, 21st and 22nd July.

Thanking You.

Yours Sincerely,


Dr. Ravi Kadiyala
Principal

Enclosures:

1. Five sets of hard copies and one soft copy (CD) of SSR
2. DD of Rs 3,45,000 bearing No. 378969 dated 21-04-2017
3. AICTE approval letter
4. JNTUK affiliation letter
5. LOI Acceptance letter



Principal
DhaneKula Institute of Engineering and Technology
Ganguru, VIJAYAWADA-521 139

Promoted by : DhaneKula Venkata Subbaiah Charitable Trust

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PART – A

EXECUTIVE SUMMARY

Dhanekula Institution of Engineering and Technology was established during the Academic Year 2009-2010 under Dhanekula Venkata Subbaiah Charitable Trust headed by Sri Dhanekula Ravindranath Tagore, Vijayawada. The college campus is spread over 11.66 acres of land and is a self-financing institution approved by All India Council for Technical Education (AICTE) and affiliated to JNTU (Kakinada). The Founder and Chairman of the institution is Sri Dhanekula Ravindranath Tagore, the secretary and correspondent Sri Dhanekula Venkata Bhavani Prasad and the Principal of the institution is Dr. Ravi Kadiyala. The institution is located on the Machilipatnam –Hyderabad Highway at the out skirts of Vijayawada of Andhra Pradesh.

Programs offered

S.No	Program	Year of Starting	Current Intake
B.Tech			
1	Civil Engineering	2010-11	120
2	Computer Science and Engineering	2009-10	120
3	Electronics and Communication Engineering	2009-10	120
4	Electrical and Electronics Engineering	2009-10	60
5	Mechanical Engineering	2009-10	120
M.Tech			
1	Computer Science and Engineering	2012-13	24
2	Electronics and Communication Engineering	2012-13	24

In addition four Diploma Programs (EEE, Civil, Mechanical, ECE) is being offered with an intake of 240.

The institute for all time seeks to enrich and cater courses to the students based on the global employment market. To achieve, the institution designs and develops a wide range of add on, skill development certification courses. The Internal Training Cell of the Institute also conducts an assortment of value added courses to the students. To uplift, the quality of affluent curriculum to the students, the IQAC team of the college plans and checks for the quality in course content, syllabus completion, course files, examination papers and assignments. The Academic Committee in every department review the curriculum prescribed by the university for the gaps and content to be taught beyond the syllabus and imparts knowledge to the students by uniting conventional methods of chalk and talk, seminars, guest lectures and digital classrooms. A number of co- curricular, extracurricular activities are conducted in the college under Department Associations, Dhanekula Samskruthi an Arts and Cultural Society, NSS, NCC and Games and Sport Committees. Feedback on the program curriculum will be taken periodically from stake holders and any suggestions forwarded to the university whenever has an opportunity.

Highlights of Self Study Report

Criteria 1: Curricular Aspects

- Self-financing institution affiliated to JNTUK offering 5 UG Programs and 2 PG Programs and 4 diploma courses.
- Had clearly defined vision and mission of the institution and dissemination to all stakeholders
- Well defined mechanism for planning, execution and monitoring of curriculum and value added courses to enhance the skills of students towards industry expectations and competitive examinations.
- Effective use of feedback from all the stakeholders.
- Introduction of new courses based on stakeholder's feedback and market demand
- Limited academic flexibility being an affiliated institution.

Criteria 2: Teaching – Learning and Evaluation

- Escalating number of meritorious students joining to the institution year by year.
- Increasing number of placements provided to students year by year.
- The utilization of NPTEL and other innovative methods by the faculty and students year by year.
- Increasing a number of student's participation in co-curricular and extracurricular activities.
- IQAC constituted to improve the quality of teaching-learning process.
- By the entry level assessment/Bridge courses/Orientation programs for the newly joined students.
- Facilities for physically challenged students.
- Additional support for advanced learner's students and student centric learning environment that promotes in independent, interactive and collaborative learning.
- Encouragement and support for all co-curricular and extracurricular activities to nurture critical thinking, creativity and scientific temper.
- Effective tutor ward system with informal and formal counseling for slow learners and failures.
- Transparent faculty recruitment process and high faculty retention ratio.
- Encouragement and support for faculty to attend faculty development programs.
- Day to Day Assessments to enhance student learning process, Retest for the benefit of students in Day to Day Assessments.
- Alumni association with active contribution of alumni in enhancing teaching learning process.
- Work Force Development Program from Oracle Corporation in Computer Science & Engineering Department.
- Intel Centre of Excellence in Electronics & Communication Engineering Department.

Criteria 3: Research, Consultancy and Extension

- 10 research scholars are working towards their Ph.D. Degree under the faculty of this institution.
- 29 faculty members are working towards their Ph.D. Degree under part-time category.
- Research articles have been published in peer reviewed journals and conferences by the faculty members.

- MoU/membership signed with leading industries/industrial bodies to facilitate industrial exposure to faculty and students.
- A separate Research facility is available in each department to promote the research activity with a vision to get affiliated to JNTUK.

Criteria 4: Infrastructure and Learning Resources

- Campus area of 46943.73 sq.m. and built-in area of 34156 sq.m.
- Sufficient number of class rooms and laboratories with all facilities as prescribed by AICTE/ affiliating university
- Classrooms equipped with ICT facilities.
- College and Hostels are Wi-Fi enabled
- High speed Internet connection with 46 Mbps Leased Line.
- Well stocked library with 25368 volumes of books and 748 journals and magazines.
- Faculty and students can access the facilities beyond the office working hours.
- Excellent power back up through generators.
- Wide and spacious playground exclusively for boys and girls
- Digital library and Internet center.
- Welfare schemes for staff and students.
- Excellent campus maintenance.

Criteria 5: Student Support and Progression

- Excellent infrastructure with a built-up area of 34156 sq.m with an ambience for learning Mentoring by qualified and dedicated faculty.
- In house, Placement and Training Cell for training and related activities.
- A fleet of 12 buses operated to adjoining villages and towns.
- Special attention/Counseling/Remedial classes/Retest for slow learners to improve academic performance.
- Various clubs and students chapters formed to facilitate the participation of students in co-curricular and extracurricular activities.
- In house newsletters and magazines are published regularly.
- Students have representation in various academic and administrative committees.
- Grievance redressed cell and Academic Coordination teams are constituted
- Students progressing to higher studies and entrepreneurship are limited due to financial constraints

Criteria 6: Governance, Leadership and Management

- Well defined organizational set up with delegated responsibilities and operational autonomy.
- Grooming of leadership at every level of the administration management.
- Continuous monitoring and periodical review meetings are conducted.
- Conducive working environment and welfare schemes that promote staff retention
- Proactive and participative management.
- Rewards for those who excel in their responsibilities

Criteria 7: Innovations and Best Practices

Innovations

- Maintaining of Green and eco-friendly campus.
- The staff and students are sensitized towards ecofriendly practices.

- Sewage treatment plant, R.O. purifiers, solar lights, rain water harvesting structure has been constructed.
- Rewards for the students and the staff who excel in curricular, co-curricular and extracurricular activities.
- Exceptional attention for slow learners through counseling and coaching classes with a continuous monitoring system.
- Institutional funding to carry out innovative projects.
- Establishment of laboratories beyond the content of syllabus to facilitate research.

Best Practices

- Day to Day Assessments/ retest/remedial classes and counseling.
- Department Associations to promote Co-Curricular Activities
- Dhanekula Samskruthi an Arts and Cultural Society to promote Extracurricular participations.
- Teaching-Learning Process facilitated with animated videos

SWOC Analysis of the Institution

Strengths

- Very good Infrastructure and the institution is surrounded by lush green fields
- Qualified and dedicated faculty members with good team work..
- Every year around 85- 90 % of admissions are filled in spite of good competition from surrounding and age old institutions.
- Institution certified with ISO 9001:2015
- Separate hostels for boys and girls.
- Transport facility to nearby towns and villages.
- Internal Quality Assurance Cell (IQAC) formed to ensure quality in Teaching-learning process.
- Highly qualified faculty retention ratio across all the Departments due to academic freedom.
- Effective tutor ward system with close monitoring and mentoring.
- Excellent placement opportunities for students as the number of companies recruiting are increasing year by year.
- Constituted various clubs and chapters to facilitate co curricular and extension/outreach activities
- In house newsletters and magazines are published regularly
- Facilities available for various indoor and outdoor games and sports
- Financial support to participate in national and international level events.

Weakness

- Limited academic flexibility being an affiliated institution.
- Lack of interest among students towards higher studies/research owing to financial commitments (to repay educational loan)
- Departments yet to get recognition as research centers

Opportunities

- Majority of the students joining the institution are from rural background and hence an opportunity bestowed on us, to contribute in a better way encouraging and facilitating students to undergo online courses.
- Scope for consultancy and research projects.
- Obtaining NAAC and NBA accreditation.
- Tie-up with research laboratories to promote knowledge

Challenges

- Majority of the students joining the institution are from rural background with poor language and communication.
- Most of the students joining the institution avail educational loans for their studies and hence lack interest towards higher studies/ entrepreneurship.
- Achievement of 100% completion rate Providing placements for students in core engineering areas
- Securing funded research projects.

PART – B

**PROFILE OF THE
COLLEGE**

1. Profile of the Affiliated/Constituent College

1. Name and Address of the college:

Name:	DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY	
Address:	Ganguru, Penamaluru Mandalam, Vijayawada, Andhra Pradesh	
City: Vijayawada District: Krishna	Pin: 521 139	State: Andhra Pradesh
Website:	http://www.diet.ac.in	

2. For Communication:

Designation	Name	Telephone with STD code Mobile/ Fax	Mobile	E Mail
Principal	Dr. Ravi Kadiyala	0866-2583842, 2583843	9491017088	diet.principal@gmail.com
Steering Committee Coordinator	Dr. Kiran Kumar Ayyagari	-----	9848443423	ayyagari3@gmail.com

3. Status of the Institution:

Affiliated College	√
Constituent College	-
Any other (Specify)	-

4. Type of Institution:

a. By Gender

i)	For Men	-
ii)	For Women	-
iii)	Co-Education	√

b. By Shift

i)	Regular	√
ii)	Day	-
iii)	Evening	-

5. Is it a recognized minority institution?

Yes	-
No	√

6. Source of funding:

Government	-
Grant-in-aid	-
Self-Financing	√
Any Other	-

7. a. Year of establishment of the college: **2009**

b. University to which the college is affiliated: **JNTUK, Kakinada**

c. Details of UGC recognition: Not Applied for 2(f) and 12(b) Status

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

(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)

Under Section/ Clause	Recognition/ Approval details of Institution/ Department	Day, Month and Year (DD-MM-YYYY)	Validity	Remarks
1	CIVIL	26-05-2016	2016-17	JNTUK/DAPBa/B.Tech/B.Pharmacy/2016-17 dated 26-05-2016 Lr.No.DAP/B1/Dhanekula IE&T/NAAC/2016-17 dated 22-03-2017
2	CSE	26-05-2016	2016-17	
3	ECE	26-05-2016	2016-17	
4	EEE	26-05-2016	2016-17	
5	MECH	26-05-2016	2016-17	
6	M.Tech in VLSI Design	26-05-2016	2016-17	
7	M.Tech in CSE	26-05-2016	2016-17	

(Enclosed 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	11.66 acres (46943.73 sq.m)
Built up area in sq. mts.	34156 sq.m

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

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.**No agreement with other agencies, all the facilities with our own.**

Auditorium/seminar complex with infrastructural facilities:

- Sports facilities**

- Play ground :
- Swimming pool :
- Gymnasium :

Hostel

Boys' Hostel	
i. Number of hostels	01
ii. Number of inmates	121
iii. Facilities (mention available facilities)	<ul style="list-style-type: none"> ➤ Mess facility ➤ R. O & U. V facilitated mineral water plant ➤ Gym(Campus) ➤ TV room ➤ Study rooms ➤ Doctor on call facility ➤ Internet Facility
Girls' Hostel	
i. Number of hostels	01
ii. Number of inmates	106
iii. Facilities (mention available facilities)	<ul style="list-style-type: none"> ➤ Mess facility ➤ R. O & U. V facilitated mineral water plant ➤ Gym(Campus) ➤ TV room

	<ul style="list-style-type: none"> ➤ Study rooms ➤ Doctor on call facility ➤ Internet Facility
--	---

- Residential facilities for teaching and non-teaching staff (give numbers available cadre wise) : Not Applicable
- Working Women's Hostel: NA
- Cafeteria: Yes
- Health Centre: Yes
- First aid, Outpatient, Vehicle for Emergency: Yes
- Health centre staff – Qualified doctor (On Call): Yes
- Facilities like banking, post office, book shops: Yes
- Transport facilities to cater to the needs of students and staff: Yes
- Animal house: 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
- Garden and Walk through: Yes

12. Details of programs offered by the college (2016-17)

Sl. No	Program Level	Name of the Programs/ Courses	Duration	Entry Qualification	Medium of Instruction	Sanctioned/ approved Student strength	No. of Students Admitted
1	UG	B.Tech-CIVIL	4 Years	10+2	English	120	97
2		B.Tech-EEE				60	33
3		B.Tech-MECH				120	91
4		B.Tech-ECE				120	120
5		B.Tech-CSE				120	120
6	PG	M.Tech-ECE (VLSI Design)	2 Years	B.Tech		24	05
7		M.Tech-CSE (Computer Science and Engineering)		B.Tech		24	00

13. Does the college offer self-financed Programs?

Yes

☒

No

☐

If Yes, how many?

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

Yes	√	No	-	Number	04
-----	---	----	---	--------	----

New programs introduced in the college during the last five years

Year	Name of the Program	Year of Approval	Sanctioned Intake
2012-2013	M.Tech-CSE (CSE)	2012	24
	M.Tech-ECE (VLSI Design)	2012	24
	Diploma in Civil Engineering	2012	60
	Diploma in Mechanical Engineering	2012	60
2013-2014	Diploma in ECE	2013	60
	Diploma in EEE	2013	60

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 programs. Similarly, do not list the departments offering common compulsory subjects for all the programs like English, regional languages etc.)

Faculty	Departments	UG-B. Tech	PG- M.Tech	Diploma
Engineering	Civil Engineering	√	-	√
	Electrical & Electronics	√	-	√
	Mechanical Engineering	√	-	√
	Electronics & Communication	√	√	√
	Computer Science & Engineering	√	√	--

16. Number of Programs offered under (Program means a degree course like BA, BSc, MA, M.Com...)

a. Annual System	- NA-
b. Semester System	7 + 4
c. Trimester System	- NA-

17. Number of Programs with

a. Semester Based Credit System	7 + 4
b. Inter/Multidisciplinary Approach	---
c. Any Other (Specify and provide details)	---

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

Yes ☐ No ☒

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

Yes ☐ No ☒

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

Position	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 (UG + PG)	6	2	12	2	64	59	34	21	15	08
Sanctioned by the Management/ Society or other authorized bodies Recruited(Diploma)	-	-	-	-	14	17	-	-	-	-

*M- Male *F-Female

21. Qualifications of the teaching staff:

21. Qualifications of the teaching staff:							
Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
Ph.D.,	06	02	01	-	1	3	13
M.Phil/M.Sc	-	-	-	-	03+2	03+5	06+07
PG / UG	-	-	11	02	79+12	34+12	126+24

22. Number of Visiting Faculty /Guest Faculty engaged with the College.: Departments invites eminent persons from IIT's, NIT's and Industries:

None

23. Furnish the number of the students admitted to the college during the last four academic years. (UG & PG)

Categories	2016-17		2015-16		2014-15		2013-14	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	26	19	54	30	52	17	47	20
ST	3	0	3	2	2	1	1	0
BC	110	69	160	73	151	69	137	75
General	142	92	166	119	180	145	184	159
Others	--	--	--	--	--	--	--	--

24. Details of student's enrollment in the college during the current academic year: 2016-17(UG&PG)

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	461	05	-	-	466
Students from other states of India	-	-	-	-	-
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	461	05	-	-	466

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

UG PG

26. Unit Cost of Education

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

(a) including the salary component

(b) excluding the salary component

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

Yes No

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

S.No	Name of the program	Faculty Student Ratio	
		UG	PG
1	Department of Civil Engineering	1:15	-
2	Department of Electrical and Electronics Engineering	1:15	-
3	Department of Mechanical Engineering	1:15	-
4	Department of Electronics and Communication Engineering	1:15	1:12
5	Department of Computer Science and Engineering	1:15	1:12

29. Is the college applying for Accreditation?

Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

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

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and Re-assessment)

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

253

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

187

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

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

IQAC: 01/06/2016

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) To NAAC:

NA

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

NA

PART – C

CRITERIAS I - VII

CRITERIA 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

Pioneering Professional Education through Quality.

Mission

- Providing Quality Education through state-of-art infrastructure, laboratories and committed staff.
- Moulding Students as proficient, competent, and socially responsible engineering personnel with ingenious intellect.
- Involving faculty members and students in research and development works for betterment of society.

Objectives

- Produce proficient, qualified and socially responsible engineering personnel required to face the challenges of the country in the 21st century.
- Develop the college as a research and resource center so as to initiate research activities in order to strengthen engineering potentialities and solve the problems related to the arena of engineering in the country.
- Provide an opportunity to the average citizen of India willing to acquire engineering education in different fields at an affordable cost.
- To cultivate skill based learning competing with the national and international institutions.
- Launch different programs in order to integrate educational and developmental activities.
- Serve as a sustained center - imparting engineering education so as to update and upgrade the existing engineering skills.

The vision, mission and objectives of the college are displayed in prominent places in the institution (entrance, library etc.) within the premises which helps in communication of the same to the stakeholders.

The mission and goals of the college are also communicated to the students and other stakeholders by means of the institution's website, admission brochure and placement brochures.

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

The College is approved by AICTE New Delhi and affiliated to Jawaharlal Nehru Technological University (JNTU) Kakinada. The College has strategized ways to strengthen the effective implementation process in the following ways:

The college develops its action plan through participative approach. The head of the department requests the faculty members to choose the subjects that they are interested and based on their specialization at the beginning of the semester. After allotment of


the subjects to the faculty members, they prepare their subject course content session Plan, Course Material, unit wise assignment questions, test papers, Real time applications, Bloom's taxonomy and submit the same to the Head of the department. The compatibility of the course material with the syllabus is checked by the course content experts and Head of the department before commencement of the semester.

Each department in the college shall prepare its activities plan for the entire semester to support the curriculum based on the availability of number of working days. The head of the college plans for training programs, student development activities and other academic activities for the semester based on the departmental plans and inputs from the faculty. The Internal Quality Assurance Cell receives regular feedback from the students regarding the difficulties faced by them and helps the students to deal with them. The principal collects feedback through class representatives meeting twice in a semester and also takes initiative to Organize suitable guest lectures and industrial visits to improve the effectiveness of implementation of the curriculum designed and specified by JNTU(K).

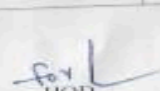
TIME TABLE FOR III/IV - I SEM :

DAY	9:00-9:50 1	9:50-10:40 2	10:40-11:30 3	11:30-12:20 4	12:20-1:10	1:10-2:00 5	2:00-2:50 6	2:50-3:40 7	3:40-4:30 8
MON	TE-II	MET	MCMT	DOM	L U N C H	ICS	MCMT (T)	ICS	MET (T)
TUE	DOM	MCMT	ICS	DMM I		TE-II	DMM I	T&p (APP)	
WED	ICS	MET	DOM	DMM I		DOM (T)	MCMT/MET LAB		
THU	DMM I	DOM	MCMT(T)	TE-II		ICS(T)	MET/MCMT LAB		
FRI	MET	DMM-I	TE-II	ICS(T)		IPR	MCMT	MET	SPORT S/LIB
SAT	TE-II	DOM	DMM I	IPR		MET	TE-II(T)	T&P/LIB	MCMT


SUBJECT NAME	NAME OF THE FACULTY	SIGNATURE
DOM(DYNAMICS OF MACHINERY)	SMT. T. HARITHA	
MCMT(METAL CUTTING AND MACHINE TOOLS)	G.JITENDRA	
DMM-I(DESIGN OF MACHINE MEMBERS-I)	D.BALANAGESH	
INSTRUMENTATION AND CONTROL SYSTEMS	N.PRADEEP CHAND	
TE-II(THERMAL ENGINEERING-II)	K.V.V SATYAPRAKASH	
METROLOGY	K.VENKATESH	
METROLOGY AND INSTRUMENTATION LAB	G.JITENDRA	
MACHINE TOOLS LABORATORY	K.VENKATESH	
IPR&P-I	M. RADHA DEVI	



PRINCIPAL



HOD



INCHARGE

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

The Management supports the faculty members by providing the facilities required to improve their teaching abilities and to deliver the syllabus contents effectively. To ensure Staff to change their traditional teaching practices and motivates them to switch over to use modern methods, college installed white boards in many class rooms in addition to the black boards in the class rooms.

Various refresher courses, seminars, conferences and faculty development programs are conducted to enlighten the faculty community, for a creative and continuous teaching-learning environment.

The Management of the institution believes in implementing the ICT (Information and Communication Technology) methods in teaching.

The faculty members use OHP & LCD projectors for delivering their lectures. A System has developed within the institution that all the delivered content by the Faculty members are kept stored in the Server and can be reviewed to the students for their reference.

A committee consisting of Principal, Heads of Departments and senior faculty discuss and decide about the faculty development programs, seminars and about workshops. Subject experts and industrial experts are also invited to enhance the knowledge of the faculty on recent developments in the industrial sector and the methods to meet the challenges of the technological growth.

Details of Workshops, FDP's and Seminars organized and conducted.

Year	Dept	Workshops		Seminars		FDP	
		Conducted	Attended	Conducted	Attended	Conducted	attended
2016-17	CIVIL	6	6	4	7	1	1
	CSE	6	3	11	1	2	2
	ECE	2	5	3	7	1	3
	EEE	1	4	5	2	-	1
	MECH	1	5	4	14	-	3

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.

Effective delivery of curriculum is achieved by making use of effective teaching practices adopting various methods such as using Black board, Power point presentation, Digital Library, NPTEL facilities and the websites of certain renowned other universities. The performance of each faculty is reviewed by the feedback collected from the students from where the weakness of the teacher is identified and the teacher is asked to improve in the specified weak areas for the betterment of the student community.

The department Head collects the details of syllabus coverage from every faculty and also from the representatives of the class in the prescribed format every month and it is

send to the principal of the institution periodically and based on the percentage of syllabus covered, extra and remedial classes are planned to complete the syllabus.

Syllabus Coverage Monitoring – Month Wise

Department/ Program: MECH/B.Tech Year: II-A Sem: II

Date: 31/01/17

Sl. No.	Name of the Faculty	Subject Taught	No. of Periods allotted	No. of Periods taught	% Syllabus Coverage	% Cumulative Syllabus Coverage	Remarks
1	T Haritha	KOM	14	14	15.00	65.00	
2	A Rajesh	TE	12	12	15.00	62.50	
3	P V Siva Teja	PT	10	11	15.00	63	
4	K Ravi	FM & HM	19	21	18.00	60	
5	O Srikanth	MD	16	16	15.00	63	
6	K Ravi	FM&HM Lab	A-3 B-6	A-3 B-6	10	60	
7	P V Siva Teja	PT Lab	A-6 B-9	A-6 B-9	20 20	70 62	
8	A Rajesh	TE Lab	A-06 B-03	A-06 B-03	A-15 B-07	A-70 B-70	

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

The Management encourages their faculty and students to interact with industry in all possible ways and an IIPC cell with all department experts and industrial experts is established with the aim to create awareness among the students with new emerging technologies in industries.

The major modes of interaction are listed as follows:

- The comments and views of the industry experts on the curriculum are collected.
- Scope for Joint research programs and field studies.
- The college receives feedback from the students who are employed, during alumni visit about the usefulness of the course and curriculum.
- Visiting faculties/professors with corporate background.
- Projects/dissertation work in industries under joint guidance of the faculty and experts from the industry.
- Professional consultancy by the faculty to industries.
- The faculty of the college is regularly in touch with their counter parts at the affiliating university and other recognized universities to acquire the latest information regarding their own respective subjects.
- Industrial visits and interactions by faculty and students.
- Visits of the industry executives to the college for discussions and for delivering lectures on industrial practices, trends and experiences.

- Human resource development programs by the faculty for industry personnel.
- Workshops, conferences with joint participation of the faculty and the industry.
- Participation of experts from industry in academic activities.
- Practical training of the students in industries during internships.

The institution maintains a good rapport with industry, research bodies and the university. The Governing Body of the college has nominees from the industry and from different educational bodies also. **The nominees are**

Sri. Ravi Prasad (A.G.M-Bharat electronics Ltd)

Sri.V.S Rao. Director –BITS Pilany

Sri. Hanuman Chowdary (Retd Telecom director and Advisor)

Sri. Narayan Prasad. Chairman Narayana Electricals

The institution give much emphasis in the selection process of faculty and the interview team is generally framed with

- Industrial expert
- Subject expert from university or from neighboring colleges
- Head of the department
- Principal of the college.

The Academic advisories body of the institution by analyzing the conditions periodically and gives information to the college academic council about the gaps to be filled and remedial steps.

The advisory body of the institution is constituted with Principal of the college, Two senior faculties of the institution, Academicians and also with industrial experts.

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.

The institution takes feedback from the outgoing students and also from alumni on the curriculum and also after receiving an informal feedback from stake holders about curriculum development activities and these suggestions and improvements will be sent to the board of studies of the university.

Dr. B Hari Prasad, Head of the Department of science and Humanities and Smt K A Sasikala Associate professor in the basic engineering have been closely associated with all the syllabus revisions for SRI NAGARJUNA UNIVERSITY that have taken place in the year (2013 and 2016 respectively) and also they are rendering their services to the NAGARJUNA University.

University as a board of studies members. They also take participation in meetings of JNTU(K) from the institution to review on the current syllabus in comparison with the ones from other Universities and the requirement of the industry is performed within each branch while formulating the curriculum. The proposals are sent to the affiliating university for its consideration in their board of studies meeting.

The suggestions and improvements will be sent to the Board of Studies of the affiliating university through the Principal, after receiving an informal feedback from all the stake holders, for curriculum development activities.

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.

This institute is affiliated to JNTU(K) University. Hence this institute does not have any freedom of preparing its own syllabus/curriculum. It has to follow the syllabus approved by the Affiliating University.

The courses have been introduced based on industrial requirement by qualified personnel in emerging areas. The following courses are designed in collaboration with industries like M-Tab(cad/cam), IBM etc for the Departments of mechanical & CSE. The following courses will be taught beyond the college hours as they are not included in the curriculum prepared by the Affiliating University.

- Analog IC designs
- CAM operation
- Oracle and java technologies
- Catia and Pro-E

The process of curriculum development (Add on Programs) is stated as follows:

The assessment initially is done even before the choice of the program. This is done by evaluating the feedback from stakeholders.

The curriculum is framed after the assessment based on contemporary demands of society, analysis from industries etc by taking into the consideration and curriculum designing part was done after making a thorough evaluative study of the content and design of similar programs offered by various other Universities at National / International level.

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

The stated objectives of the curriculum are ensured by the following means:

The institution is able to analyze the achievement of the curriculum objectives in the course of implementation of the curriculum by the following ways:

Achievements of Objectives: Objectives of each course are mentioned clearly along with the syllabus given to the teachers as well as the students. Each department plans a series of activities through the Departmental Academic committee, which complement the syllabus and help the students achieve the objectives of the program.

Mode of delivery of Curriculum: Use of OHP and LCD in class rooms takes the students to a world beyond the syllabus. Virtual labs, interaction with global level experts etc play an important role in curriculum delivery in this institution.

Assessment Pattern: Various modes of assessment are formulated by the faculty and by university in order to ensure that the stated objectives are achieved.

The students are internally assessed through internal examinations conducted per semester and by other assignments like work of the students in the labs, mini projects and major projects to make sure that the students are able to apply the knowledge what

they have learnt in the due course and on their curriculum understanding. The subject understanding by the student is also analyzed through mentorship initiatives.

Examination Results: The examination marks of the individual and the consolidated results are analyzed and tabulated. Based on these results the institution encourages the students to take part in research activities or for higher studies by making arrangements to meet with experts and by providing special arrangements like inviting academicians and industrial experts periodically.

Employer Feedback: Feedback about our students from the corporate representatives who have recruited our students on the basis of their competencies and curriculum understanding.

1.2 Academic Flexibility

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

The main objective of this institution is to produce proficient, qualified and socially responsible engineering personnel required to face the challenges of the country in the 21st century. Keeping in mind the growing needs at state, national and global level and considering the need of making the environment ecofriendly, the college imparts education at Graduate / Post Graduate Degree Level in most of the branches of Engineering and Technology.

Following is the List of Courses offered by the Institution for the academic year 2016 - 2017:

Diploma		
1	Civil Engineering	60
2	Electrical and electronics Engineering	60
3	Electronics and Communication Engineering	60
4	Mechanical Engineering	60

Apart from these regular courses, the college also offers certain certification courses which basically serve the purpose of value addition like,

- Analog IC designs
- CAM operation
- Oracle and java technologies
- Catia and Pro-E

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

The Institute does not offer any such programs.

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

Elective options: The elective options are available in the curriculum to III and IV year's students enrolled in the four year degree program. All the students have the choice of selecting their own elective subjects at their interest from the list of subjects offered by the affiliating university.

Core options: Under the Four Year Degree Program, a student can specialize in any one of the following fields: CSE, EEE, ECE, Mechanical and Civil Engineering.
Enrichment subjects

The management also encourages Communication skills development courses and soft skills development program by Jawahar knowledge center and CRT.

In addition to the elective subjects, the students also have to do mini and major project works during the final I & II semesters that provides an opportunity for them to prove their technical skills and knowledge on subjects.

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

Yes, The College is a self-finance private Engineering college offering the following programs for the academic year 2016 - 2017 recognized by the AICTE and affiliated with Jawaharlal Nehru Technological University, Kakinada.

Following is the List of Courses offered by the Institution for the Academic Year 2016 - 2017:

S. No	COURSE(S)	AICTE Approved Intake
B. Tech		
1	Civil Engineering	120
2	Computer Science and Engineering	120
3	Electrical and electronics Engineering	60
4	Electronics and Communication Engineering	120
5	Mechanical Engineering	120
M. Tech		
1	Computer Science and Engineering	24
2	VLSID	24
Diploma		
1	Civil Engineering	60
2	Electrical and electronics Engineering	60
3	Electronics and Communication Engineering	60
4	Mechanical Engineering	60

Self-financed Courses Admission Methodology

A. Admission

The admission policy for self-financing programs is made with the norms fixed by the Government and APSCHE for the different categories.

The candidates who have passed 10+2 or equivalent examination with Mathematics, Physics and Chemistry with 50% of marks are eligible for admission. The seats to be allotted for the Admission of Candidates are classified as:

- 1) Category A seats
- 2) Category B seats

All affiliated colleges are governed by the admission procedures and guidelines prescribed by the APSCHE (Andhra Pradesh State Council of Higher Education) of Government of Andhra Pradesh.

The institute offers B.Tech and M.Tech courses.

- **70%** of admissions are based on —Common Admission Tests conducted by State/National agencies.
- **30%** of admissions (management quota) are based on merit among the applicants.

Following are the admission tests conducted by State/National agencies:

Course	Common Admission Test
B.Tech	EAMCET (Engineering and Medical Common Entrance Test)
B.Tech (Lateral Entry into 2nd Year)	ECET (Engineering Common Entrance Test)
M.Tech	GATE and PGCET

Following is the criteria being followed in respect of B-category (Management Quota) admissions:

- The Institutions that have been approved by All India Council for Technical Education are permitted to fill NRI seats not exceeding 5% of the sanctioned intake in each course for the particular academic year shall admit NRI candidates (sons and daughters of NRIs) who have qualified in the qualifying examination not less than 50% of marks in prescribed group subjects or 50% aggregate marks in the qualifying examination or Cumulative Grade Point Average (CGPA) equivalent to 5 on a scale of 10.
- The remaining seats shall be filled on merit basis including students from other States and union territories who have secured a JEE or EAMCET rank and percentage not less than 45% (40% in case of candidates belonging to reserved categories) of marks in the prescribed group subjects in the qualifying examination.
- The remaining unfilled seats from the above can be filled with eligible candidates on merit basis following eligibility criteria laid down. Thereafter, if any seats still remained unfilled such seats may be filled on merit basis with candidates securing not less than 45% (40% in case of candidates belonging to reserved categories) in the prescribed group subjects on the spot. For **Management Quota seats** the institute prepares the merit list based on Intermediate marks and EAMCET rank. The institute then completes admissions to management quota seats based on merit list.

Program	Mode of selection
For all B.Tech Branches	A-Category (Convener Quota) students must have passed 12th Standard. B-category students must have passed 12th Standard with minimum 50% marks.
For all M. Tech. branches	Must have passed relevant B. Tech with minimum 50% marks

- Admission process is totally under the strict control of APSCHE and according to the guidelines mentioned in the various G.O's released by A.P. Govt. The seat allocation will be made under 2 categories.
- **Category A:** 70% of the total seats are filled thorough common counseling carried out by APSCHE.
- **Category B:** 30% of the admissions are made by the college as per the guidelines of the APSCHE.
- The college offers professional and technical courses for which the admissions are made through common entrance tests like EAMCET, ECET and GATE according to the norms laid by APSCHE and University.

B. Fee Structure

The fee structure is recommended by the A.P Government and charged from the students accordingly.

C. Teacher Qualifications

The qualification for the faculty of the self-financed stream is as per the AICTE norms.

D. Salary

The AICTE qualification is mandatory for teachers. They have to duly approved by the Affiliating University. The Professors, Associate Professors and Assistant Professors along with non-teaching and support staff draw salary as per AICTE VI Pay regulations and DA as per the State Government Norms amended from time to time.

1.2.5 Does the college provide additional skill oriented programs, relevant to regional and global employment markets? If “yes” provide details of such program and the beneficiaries.

Skill oriented courses are value-added certified courses such as NDT (Non Destructive Tests), AutoCAD, Pro-E and CATIA offered by the institution for mechanical engineering students that helps students in preparing them towards job opportunities. Soft skills and Multi-media enabled Language laboratories are introduced in the regular curriculum to develop the communication skills of the students and also various development programs, seminars and guest lecturers also arranged for overall development of students apart from the curriculum.

Regular Training Program:

Some of the regular training programs are as follows:

- Team Management
- Techniques to reach individual goals

- Problem-solving Methods
- Spoken and written communication
- Computing skills

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?

A Massive Open Online Course [MOOC] is aimed to provide open access and legion participation using the web. It is an Online Course which not only supports digital course materials but also acts as interactive user interface between Students and Professors. It has recently emerged with it most utilization from institutes offering distance education.

Hence, JNTU(K) has accepted this innovative approach, Government of AP, in which the Universities are advised to give credits to the students successfully completing notified online courses (MOOCs).

The University is implementing the following subjects as online courses for the academic year 2015-16 Semester II

Sl. No	Year	Name of the Subject	Name of the Faculty	Name of the Department
1.	III Yr II Sem.	Environmental Engineering	Prof. K.V.S.G.Murali Krishna	Civil Engineering
2.	III Yr II Sem.	Refrigeration & Air Conditioning	Prof. B.Balakrishna & Prof. A Swarna Kumari	Mechanical Engineering
3.	III Yr II Sem.	Artificial Neural Networks	Prof. S.Srinivasa Kumar	Electronics & Communication Engineering
4.	III Yr II Sem.	Web Technologies	TCS Consultant / Prof. A Krishna Mohan	Computer Science & Engineering
5.	III Yr II Sem.	Data ware housing & Mining	Prof. J.V.R.Murthy	Computer Science & Engineering
6.	III Yr II Sem.	Design & Analysis of Algorithms	Prof. C.Pratap	University of Berkeley, Extension centre, California.
7.	II Yr II Sem.	Analog Communications	Prof. K.Satya Prasad	Electronics & Communication Engineering

1.3 Curriculum Enrichment

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

The institution follows the curriculum prescribed by the University of JNTU. The main aim of institution is to impart necessary knowledge for the character development of students and making them capable of being better employed. The institution takes effort for supplementing the curriculum in tune with the recent advancement in the field of engineering. List of activities regularly conducted/organized by the institution to meet such requirements are as follows.

- Institution arranges industrial visits and encourages the students to undertake— projects from industry to make them conscious of the challenges in industries.

- Conferences and expert talks are arranged for the students which provide a platform to enhance their technical knowledge and soft skills by interacting with resource persons of expertise from various fields.
- Institution has an active unit of NCC and NSS which helps the students to take up— socially relevant projects, thereby imparting social commitment and environmental awareness.
- Important technical journals are subscribed to in order to get updates on technological advancements.

1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?

Major syllabus revision is done once in three years by the affiliating university. The Placement and Training Cell of the college regularly interacts with HR managers of reputed companies and collects firsthand information about the demands and expectations of the corporate sector regarding skill set of students. In This process of enhancing the experience of the students so as to cope up with the needs of the dynamic employment market, the first step of the institution starts with the formation of a syllabus revision committee within the institution. Every year within the institution a internal committee is formed to study and to analyze the requirements and to fill the gap between the employer and students. Two senior experienced faculties from the institution along with Principal and industrial experts will be made as members of this internal committee. The requirements and demands of the companies are then communicated to this committee which in turn formulates add on courses and extra classes which are then conducted to make up the deficiencies in the students to make them employable. The Recommendations proposed by the internal committee of the institution will be discussed in the meeting with the members of Board of studies of the university. This helps to introduce the supplementary courses apart from curriculum to meet the needs of dynamic employment market.

Efforts are made through addition of courses in Hardware and Software in tune with Industry needs like Android, Web 2.0 and Python. To develop the required skills, under the guidance of various committees, special training and orientation programs are conducted to enable the students to achieve the Industrial standards. Computer labs are well equipped with latest computers. Internet facility is made available at the library. OHP, Computers, LCD Projectors are being used for effective communication and teaching. All graduation courses involve with one compulsory fundamentals of Computers paper. The study of this enables all graduates to be familiar with computer fundamentals which enhance employability.

Entrepreneurship Development Cell:

A separate cell of entrepreneurship development is incorporated in the college. This cell creates awareness of need and importance of entrepreneurship as career option among the students thereby strengthening their Entrepreneurship skills.

- Various certification programs are offered to enhance the employability skills of the students like Catia and pro-E, Cam Operation methods, Oracle and Java Technologies etc.,

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

The Institution maintains a healthy environment and takes the necessary initiatives for the growth and development of its stakeholders. There are various committees in the institution to maintain the peace and harmony among the different class of the stakeholders.

- Women Empowerment Cell - Work towards gender equality
- Conduct Green auditing, courses on Environmental Education.
- Anti – Ragging Cell work towards ragging free campus.
- Innovation and Entrepreneur Development Cell
- NSS and NCC Activities
- Spiritual and Moral Courses
- Swatch Bharat and blood donation camps
- Yoga and sports activities

The management always encourages students to study various social issues, human rights, climatically changes and gender equivalence by inviting eminent speakers and various workshops on these issues.

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

Academic Ethics

Create an environment within the college campus where ethical behavior is the norm, enhance the worth, dignity, potential, and uniqueness of each individual within the institution and thus to the service of society. Commit in contributing to the comprehensive education of students, protecting human rights, advancing knowledge of student growth and development. Promote the effectiveness of institutional programs, services, and organizational units. Emphasize commitments to safety, public health, environmental protection, and sustainable development.

Personal Ethics

“Assure ethical behavior by self-regulation and promotion of tolerance. Treat fairly all persons regardless of caste, religion, gender, disability, or nationality with the consideration “do to others as you would expect others do to you.”

- The institute has a strong advisory system to keep track of the moral and ethical values of the students and to closely monitor the ethical behavior of the students as individuals, as well as working as a team member during all the academic activities.
- A group of two members takes care of each class and take utmost care in assuring a high level of ethical standards among students.
- There is an anti-ragging cell working efficiently in the campus to prevent any issues which will directly or indirectly affect the moral and ethical standards of students.
- The institution usually conduct awareness programs for propagating the significance of moral and ethical values, as part of the above said units.

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 stakeholders. The 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 the different stake holders through periodic meetings. The Principal 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 academic session every year. The inputs are obtained from the stake holders 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 programs?

The Institution monitors and evaluates the quality of its enrichment programmes through, Feedback collected through the course committee meetings from the students. Feedback collected (Department Internal Quality Assurance Cell) from the faculty, Feedback also collected from stakeholders through stakeholders meeting, Alumni, Employer & Industry by Program coordinators of individual departments. Action committee of the college reviews all the views collected from these sources and critically evaluates the results and placement statistics. Corrective actions and measures are also enforced by this committee.

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 outcomes and suggestions from the feedbacks are analyzed and will be communicated to the university for appropriate inclusion and modifications if any at the end of every semester for continuous improvement in the students and as well as to reach the expectations of an industries regularly.

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 programs?

Yes, the institute has a formal mechanism to obtain feedback from students and stakeholders which is communicated to the university and also implemented at teaching and learning process at Institution.

The following are the feedbacks obtained by the students and stakeholders:

Student Feedback: The student feedback is obtained twice in a Year

Parent's Feedback: The Parent's feedback is obtained during parent's teacher's meeting

Industry Feedback: industry feedback is obtained during project exhibition, guest lecturers / workshops and seminars.

Staff feedback: Staff feedback is obtained every semester.

Alumni Feedback: Alumni feedback is obtained during alumni function.

The feedback obtained through the stakeholders is communicated to the JNTU to incorporate changes in curriculum and introduction of new courses.

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

Following are the courses introduced by the institution during the last four years:

Year	Name of the Program	Year of Approval	Sanctioned Intake
2012-2013	M.Tech- CSE (CSE)	2012	24
	M.Tech-ECE (VLSI Design)	2012	24
	Diploma in Civil Engineering	2012	60
	Diploma in Mechanical Engineering	2012	60
2013-2014	Diploma in EEE	2013	60
	Diploma in ECE	2013	60

Rationality in Introducing a New Course:

- While choosing programs we keep in mind institutional goals and objectives, and prioritize those that would do justice to them.
- The rationale behind the introduction of the above courses and their curriculum is based on demand and industry relevance.

CRITERIA 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 prominence institution is an ISO 9001:2015 certified offering courses in UG and PG level in Vijayawada, Andhra Pradesh.
- **Advertisements** are released in newspapers, magazines, diaries and by conducting stalls at education fairs.
- The academic and administrative aspects related to the admission will be stated clearly in the college website.
- The college adheres to the decisions of the APSCHE (Andhra Pradesh State Council of Higher Education) and J.N.T. University, Kakinada.
- The reservation and relaxation of marks for SC/ST and PH is according to the State government through convener.

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 programs of the institution.

All the affiliated colleges are governed by the admission procedures and guidelines prescribed by the APSCHE of Government of Andhra Pradesh.

The institute offers B.Tech and M.Tech courses.

B.Tech Admissions:

- 70% of approved course intake (**Category A:** convener quota) are based on Common admission test APEAMCET (Andhra Pradesh Engineering, Agricultural and Medical Common Entrance Test) conducted by APSCHE. The admission process is centralized through convener, APSCHE and the college has virtually no role to play in the selection of the candidate eligible for admission.
- 30% of approved course intake (**Category B:** management quota) are based on merit among the applicants. These seats shall be filled by giving order of priority to JEE qualified candidates, APEAMCET Qualified candidates and on merit basis who have qualified in the qualifying examination not less than 50% of marks in the prescribed group subjects (Mathematics, Physics and Chemistry).
- The remaining vacant seats can be filled by **Spot admission** following the above criteria.

Lateral Entry admissions (for the students who completed diploma or B.Sc (Mathematics) and direct admission into II year of B.Tech courses.) are only through ECET and Spot admissions

M.Tech Admissions:

- 70% of approved course intake (**Category A:** convener quota) are based on Common admission test GATE, PGECET conducted by APSCHE. The admission process is centralized through convener, APSCHE and the college has virtually no role to play in the selection of the candidate eligible for admission.

- 30% of approved course intake (**Category B**: management quota) are based on merit among the applicants. These seats shall be filled by giving order of priority to GATE qualified candidates, PGECET Qualified candidates and on merit basis who have qualified in the qualifying examination not less than 50% of marks in the prescribed courses at UG level
- The remaining vacant seats can be filled by **Spot admission** following the above criteria.

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

The admission process is in the control of APSCHE. Admissions are based on reservation policies of Andhra Pradesh state government. The admission procedure for SC/ST/OBC/EBC students is as per the reservation policy of the State Government. Fee reimbursement is given by the state government to the SC/ST/OBC/ EBC students. 33% of seats are reserved for women in convener quota as per reservation policy of the state government. They can also compete under open category.

UG:

S. No	Academic Year	2016-17		2015-16		2014-15		2013-14	
	Branch	Best Rank	Last Rank	Best Rank	Last Rank	Best Rank	Last Rank	Best Rank	Last Rank
1.	Civil Engineering	35171	134581	19130	132639	30409	201653	17084	208797
2.	Computer Science & Engineering	10915	137254	10072	120610	18070	190324	18841	209721
3.	Electronics & Communication Engineering	16381	130092	12093	125687	15876	199276	11370	203041
4.	Electronics & Electrical Engineering	27114	124101	20715	131262	34517	198319	24683	180867
5.	Mechanical Engineering	32376	132289	14695	128715	23833	189929	19422	216227

PG:

S. No	Academic Year		2015-17		2014-16		2013-15		2012-14	
	Branch	Specialization	Min Rank	Max Rank	Min Rank	Max Rank	Min Rank	Max Rank	Min Rank	Max Rank
1.	Computer Science & Engineering	Computer Science & Engineering (CSE)	3135	6073	3832	20384	2917	21830	3219	28256
2.	Electronics & Communication Engineering	VLSI Design	5577	5577	1006	21357	2704	19290	60	14022

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?

Yes. The admissions of this institution are based on the entrance examination conducted by the government of AP. Management Quota Seats of this institution are allotted based on the performance of the student in the intermediate examination. The admission process is reviewed in each academic year. Academic strategies are developed to attract better quality students. This does not affect the admission process but helps to attract the high-quality input.

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 like CAP

	2016-2017	2015-16	2014-15	2013-14
SC/ST	48	27	49	51
BC	178	181	174	218
Women	93	110	108	152
Differently abled	-	-	-	-

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

Student strength for the year

Program	2016-17			2015-16			2014-15			2013-14		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total Strength
B. Tech	283	178	461	301	202	503	290	215	505	299	233	532
M. Tech	0	5	5	1	8	9	8	15	23	15	19	34

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 admission process in the institution for differently-abled persons is as per the reservation policies of government of AP. The institution is keen in providing the facilities basing on the disability and completely follows the government policies as per their requirement. The institution has made all arrangements for the easy movement of the differently-abled persons by providing ramps to facilitate wheel chair movement. A lift is arranged for the visually challenged or differently-abled persons for their easy movement to top floors. Faculty and counselors take care of these candidates.

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

Yes. An orientation program is arranged for the students and parents who had embraced this institution. This program gives awareness of the admission procedure and about the courses that the institution offers and the directions that are open to the students. The students are also made aware of the facilities, faculty expertise and the rules and regulations, discipline code of the college and the teaching learning process.

Bridge course is offered for I Year students and also for lateral entry students.

Special classes are organized for the lateral entry students who are admitted to 3rd semester after their diploma course.

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

By adopting different assessment methods like class tests, assignments, quiz and debate, faculty can assess a student's capability. Basic sciences and Mathematics tests are conducted repeatedly. This feedback enables the faculty to plan for further strategies

related to teaching process. After analyzing the gap of the newly enrolled students in their respective domain the institution conduct the following Bridge/Remedial/Add-on/Enrichment courses:

- a. Remedial classes are conducted in the area of fundamentals of Engineering Mathematics, Physics for those students who cannot cope up with the fellow students.
- b. Bridge lectures are conducted by the faculty members at the start of the session to bring all the students in the same platform.
- c. English Communication Skills lab has been established and the students are trained as a part of curriculum to improve proficiency in English language and Communication.

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

- a. The college does not discriminate the students and staff on the basis of their gender and religious issues.
- b. Equal opportunities are given to both the genders.
- c. “Women welfare /Sexual harassment eradication” cell is activated and it functions separately for the benefit of the women employees and girl students.
- d. Faculty members are nominated as counselors for students. The counselors also stress on the importance of treating the genders with equal respect.
- e. NSS camps are organized for the students every year.

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

Institution identifies the needs of advanced learners through performance in internal exams, classroom participation/interaction, group discussions, presentations and various extracurricular activities.

- a. Motivating the senior students to encourage juniors for enhancing training and placement activities.
- b. Motivating to access latest online journals, reference materials and help them to understand the emerging trends in their field of study.
- c. Motivate them to publish and present papers at national and international conferences.
- d. Assigning mini projects and industrial visits to inculcate research orientation.
- e. Encourage to participate in science expos in order to design and execute working models to give shape to their inherent ideas.
- f. Organizing guest lectures/workshops/seminars from renowned experts.
- g. Encouraged to take up internship at esteemed private/public organizations

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

- a. Institute carries out University result analysis for the different programs and it gets the information about academic performance of the student at the risk of dropout.

- b. Faculty Mentors/Class in-charge interacts regularly with student assigned to them and finds out the academic performance of student and probable reasons for the same. He/she co-relates the result with the categories of the student viz. section of society, physically challenges, slow learners & economically weaker students.
- c. Department conducts parent meet frequently to Students whose performance is poor in academics and attendance are informed to their parents by phone/letter.
- d. SC/ST/OBC/minority/EBC students are given benefits of reservations in admission and scholarship and guided about various scholarship / social welfare schemes available to these students as per Government norms.
- e. Department conducts remedial classes to these students in the Institution exclusively for Slow learning students in improving their academic performance and come out of the risk of dropping out.
- f. A lift facility is provided for the differently abled students along with wheel chair & Extra care is taken in case of differently abled students during teaching.
- g. In house medical facility is available in the case of emergency

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 calendar from the affiliated university is kept in college website before the beginning of the semester of every academic year. It gives schedule for the academic year to the students, teachers and the Head of the departments. The affiliated university syllabus is discussed with the faculty of the department and the course work is distributed. The faculty follows a lesson plan, which contains the details of contents to be covered, and the kinds of aids to be used inside the class room. Lesson plan is prepared by all the faculties and submitted to the respective head of the departments with duly signed by the Principal every academic year. Timetable is prepared and displayed on the notice board. All the departments will conduct class tests, assignments and MID examinations every academic year. The departments also carry out internal assessment based on the test performance of student, attendance and Practical records submission. The final evaluation of students is done according to the university schedule. Towards the end of each semester, theory and practical examinations are conducted by the university and evaluation is carried out. The exam results are announced and score cards are issued by the affiliating university

2.3.2. How does IQAC contribute to improve the Teaching–Learning Process?

The Primary aim of the IQAC (Internal Quality Assurance Cell) is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

The mechanism and procedure of IQAC involves:

- a) Ensuring timely, efficient and progressive performance of academic activities according to the calendar.
- b) It imparts knowledge through team work and persistent efforts.
- c) It also promotes art of infrastructure through the collaborations with research and consultancy.
- d) Optimization and integration of modern methods of teaching and learning

e) The credibility of evaluation procedures

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

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

- The college has Central library with vast collection of latest books, journals and e –books (Digital Library), which helps the staff to update themselves with comprehensive and latest information. Students are also encouraged to use the library independently to enhance their knowledge. A library hour is made compulsory for all the students to encourage the students to learn independently (Independent Learning).
- Departmental seminars and industrial visits are organized to expose latest trend in learning for learners (Collaborative Learning).
- Training and Placement Cell of the institution conducts personality development classes for the students with academic schedule.
- Internet facility in the library enables the students to access the internet for their skill development.
- The institution encourages the faculty to involve the students actively in the process of learning.

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

The college encourages critical thinking, creativity and scientific temper among the students by:

- Conducting workshops,
- Symposiums
- Inviting eminent persons from the industry and academia.
- Encouraging projects and conducting Model Exhibitions.
- Motivating students to attend inter college competitions.

The college provides students with state of the art laboratories to enrich the knowledge and capabilities of students for their effective growth in academics, so that they can have effective learning. It is equipped with several amenities like:

- OHP
- LCD Projectors
- NPTEL Videos
- Digital library
- Computer lab with LAN and Internet Connectivity
- Multimedia Kits
- Learning Management System to various subjects

All the facilities are provided to the students during his /her course.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National

Program on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

The institution is equipped with modernized central library having large volumes of books in all disciplines of engineering. The central library provides access to the on-line resources like e-books and journals. The faculty members can access the on-line books and with various journals of different disciplines for effective update and teaching to the students in their field of study. An individual department library is also maintained by the department itself. This provides access to many volumes of books and research articles related to the core subject. A separate internet facility is provided for the access to the students and faculty members throughout the working hours and also in the evening hours. The faculty members utilize the National Program of Technology Enhanced Learning (NPTEL) by downloading the Lecture notes and video lectures given by the IIT Professors as a teaching material for the students in nurturing their course. The on-line free access books and journals are downloaded with the facility of internet connectivity. The teaching materials from various e-books is downloaded and explained. The modern multimedia teaching aids other than chalk and talk such as OHP and LCD projectors are used in teaching. The power point presentation of the lectures and the video lectures of NPTEL are nurtured through LCD projectors.

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

- Short term courses are imparted in winter and summer recess by the relevant industries and academic experts.
- Industry personnel are often invited to share their knowledge with students. Regular industrial visits are organized by the training and placement cell of the college.
- Faculty members and students are encouraged to participate in various National, International Seminars, Refresher courses, Workshops etc...
- College organizes National, International Seminars, Conferences, Workshops to motivate the faculty members
- Experts from industry and academia are invited to give guest lectures which help the students as well as the faculty to be abreast with the technology and the innovative trends and methods that are to be adopted to make teaching learning process more attractive.
- A student can use any laboratory and can take the guidance of any faculty to enhance their skills. Self-learning is encouraged which help them go beyond the syllabus.

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

Faculty members and Trained Psychologist are providing services.

Academic:

Slow learners are identified and are given special care, Counseling /academic advice and Advanced learners are directed to special classes, seminars, advanced courses and innovative projects.

Personal:

Some of the rural students lacking confidence, inferiority complex are dealt with and confidence is infused. They are made to walk along with the rest of the students to build up the zeal.

Psycho-social:

Students with poor communication skill are advised to work in the Language Lab after college hours. Needy students are given financial and academic assistance.

Guidance:

Professional counseling- Counseling is done by senior faculty members and administrators of the Institute to develop the lacking abilities of a student and helps to solve the difficulties in their carrier.

Academic advice

All the students get the academic and personal guidance from the concerned Teacher for any academic problems; academic advice is given to help students and to find solutions by the member of academic advisory committee referred by Management. The academic advice service is an independent, free and confidential service that is open to all students.

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

The college also supports the faculty community to adopt new approaches and methods such as organizing conferences and seminars etc., the faculty members are encouraged to attend the national and international conferences. The faculty members who attend these conferences and seminars can share their experiences along with the students, to give the latest information and technology developments.

- Faculty makes use of Laptop, Internet (Wi-Fi), digital library and online journals to download lectures, study materials & data from internet.
- Faculty makes use of models, graphs, PowerPoint presentation through LCD projector and Over Head Projector (OHP) to present the content in the syllabus.
- For conceptual understanding of the subject, special projects are given to students. Faculty makes use of special laboratory set ups for clear understanding the principles of the subjects.
- Discussion of technological advancements in departmental association meetings
- Student participation in regional/national level seminars/workshops and conferences.

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

The institution has a well-equipped and spacious central library. This library helps the students with latest information of books and also E-services. The catalogues from different publishers are kept open in the library. The head of departments can order for books from these catalogues. Majority of the staff efficiently use the internet and to share their knowledge on innovative research topics, reviews, methodology, data gathering and information output with the learners. The students are continuously

encouraged to use the library services. Each student is provided with library cards which enables them to get books from the library. College library is equipped with latest editions of university prescribed textbooks and reference books. A well stacked reference section also plays a very important role in enriching the teaching material of the faculty. Adequate care is taken to stack valuable books in the reference section so that it is easily available to both students and faculty. Library Staff are allowed to attend training and short term programs to enhance and develop the central library with latest methods of cataloging and classification of library resources to ensure easy accessibility with students and also to staff. In addition to the above, each department has its own departmental library which stacks commonly used text books prescribed by JNTU(K).

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

Yes, following are the challenges:

- Even though each semester must comprise of 16 weeks of course attendance due to inevitable reasons, the course duration gets shortened to about 12 – 13 weeks owing to various reasons.
- In addition to the above, additional holidays and unscheduled class breaks also contribute to the shortened academic course work.
- University gives the uniform time slots for all subjects but certain subjects need more time and also their time slot depends upon actual contact with students and their grasping power.
- Pre-requisite of the subject plays important role in the pace of coverage in class room teaching. The first year counseling schedule sometimes goes beyond the stipulated reopening date prescribed by the JNTU.
- Efforts to overcome the challenges instead of the regular four periods per subject per week prescribed by the university, the college follows 6 periods per subject per week for all subjects in order to increase the subject contact hours which will inherently take care of any challenge in completing the syllabus due to the paucity of time.
- Faculty fine tune their lesson plans based on their class students capacity, ability to comprehend and previous semester results.
- College makes Saturday and Sunday working if required to make up for any special/unplanned holidays such as bundhs etc...

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

- DIET has a system of collecting confidential feedback from the students on the performance of faculty twice in a semester. Faculty members are properly guided and rewarded basing on the feedback and result obtained.
- Monitoring is also done through class work review committees (CWRC) to assess the uniformity in syllabus coverage, and also the quality of teaching.

2.4 Teacher Quality

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

- Advertisements in reputed national dailies are released / published well in advance.
- The college website also hosts this advertisement so that the same is well propagated.
- A transparent recruitment policy is adopted while interviewing and recruitment of faculty.
- Each recruitment team comprises of the Head of the Institution, Head of the Department, the external subject expert/university nominee and senior faculty from the department.
- In addition to regular faculty, Institute also appoints senior professors and Industry experts as visiting faculty

Faculty Details (UG & PG)

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
Ph.D.	06	02	01	-	1	3	13
M.Phil.	-	-	-	-	03	03	06
PG	-	-	11	02	79	34	126

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programs / 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.

The institution is paying higher scales of salaries to highly qualified teachers or resource persons to meet the demand of scarcity.

If needed the Institution never hesitate to conduct more guest lectures in the identified and specific fields.

To attract the new qualified faculty and retain the existing ones the institution provides requisite facilities like transport for teachers coming from a distance, research facilities like library, internet, etc. To encourage staff to participate in workshops and seminars, the faculty is considered as on duty and also with other benefits. During the last three years many of our teachers have participated in number of state and national level conferences and workshops.

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

a) Nomination to staff development programs

Academic Staff Development program	Number of Faculty nominated		
	2016-17	2015-16	2015-14
Refresher courses	35	29	22
Staff training conducted by other institutions	41	33	31
Orientation Programs	27	18	11
Staff training conducted by the university	-	-	1
Summer / winter schools, workshops, etc.	15	8	4

b) Faculty Training programs organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

- Teaching learning methods/approaches
- Handling new curriculum
- Content/knowledge management
- Selection, development and use of enriched materials
- Audio Visual Aids/Multi Media
- Teaching learning material development

The college organizes faculty development programs for the enrichment of their knowledge.

c) Percentage of faculty

- Invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies
- Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies
- Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies

	2016-17	2015-16	2014-15	2013-14
	No. of Staff	No of Staff	No of staff	No of Staff
Invited as resource persons	7	4	3	-
External Workshops	25	21	16	8
Presented Papers				

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

- The college supports faculty by providing paid leave for attending:
- National / International Workshops.

- National / International Conferences.
- National / International Seminars / Symposiums.
- Faculty Development Program.
- Deputation for Refresher courses.
- Presenting papers in seminars.
- Incentives for publishing papers in journals.

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

The college creates a work culture by motivating the faculty to excel in their areas of research and teaching. The college has constituted best teacher awards to faculty basing on their meritorious work in the fields of teaching and research. Every year two such awards will be awarded to faculty during college day celebrations.

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?

From the beginning, an evaluation system is in place for the process of evaluation of teachers by the students. At the end of each semester the students gives feedback on the faculty who taught the specific subject. Such evaluation is really helps in improving the quality of teaching learning process among the faculty members. A faculty/teacher is really able to understand the areas he/she is strong and weak and can correct the mistake automatically with the help of the feedback given by the students

2.5 Evaluation Process and Reforms

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

The Jawaharlal Nehru Technological University, Kakinada has a centralized evaluation system, and the university keeps its constituent colleges regularly informed of the process and there is a transparent mechanism for communication to the stakeholders by the institution.

- The notifications / Rules / Regulations from the university are duly forwarded by the principal to the Heads of the Departments and Department Examinations In charges.
- There is an Examinations Committee which monitors the internal assessment processes and interacts from time to time with the students.
- The Examinations Committee is displaying the evaluation procedures in the notice boards. It is published in the student hand book.
- The first-year students will have an orientation program by the college on the first day where they will be familiarized with the internal and external evaluation criteria.
- All the staff members were also communicating the specific criteria to their respective students in their classes with respect to their subjects.

- For internal assessment, the processes of evaluation include Home Assignments and Class Tests for internal assignments.
- The internal assessment marks were first displayed in the notice boards which includes both internal marks (mid and quiz) along with assignments.
- The marks are sent to the university only after each faculty has verified his/her respective subject marks as per the university assessment records.
- Any discrepancy in the internal marks has been rectified by the examination committee in coordination with the JNTUK, Kakinada.

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?

As a constituent college of JNTUK, Kakinada, the college had adopted the following reforms introduced by the university:

- Updating internal mark and attendance in the university web portal at the end of every assessment test (i.e., cycle-I and cycle-II).
- The questions in the internal question papers need to satisfy the course outcomes and need to give importance to the questions in the previous university papers.
- Students are also counseled and given special attention in case they are found to be less involved with the subject.

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 college strictly adheres to the mandatory university evaluation norms and teachers are granted duty leave for participation in departmental meetings at the university related to evaluation.

- Every faculty member is guided to implement the internal evolution at the beginning of the academic year.
- There is constant interaction between the Principal and the faculty to discuss and deliberate upon all matters related to the evaluation process and practices of internal assessment.
- The teachers often discuss the progress of the classes they teach, and evolve a uniform policy of evaluation at the departmental level.
- We do the best to follow the university guidelines, at the same time we see that there is significant growth in our academic results over the years.
- The internal assessment is displayed on the notice board of the college so that there is an easy access to the students and discrepancies can be identified easily.
- Letters were sent to the parents of those students who were not shown good progress in the academics.
- Students are given opportunities to undergo retests/make-up tests.

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.

Formative assessment of the students is based on regularity, diligence and consistent work. The students are given opportunities to develop and hone their skills and thinking.

They are encouraged to think “out of the box” in their projects and discussions. Summative assessment takes place through University Examinations.

Another aim of the assessment is to identify the areas in which the students require additional help to enable them to improve their performance.

- We were conducting two internal tests each consists of two mid examination consolidated for 15 marks, two online quiz examinations consolidated for 10 marks, class tests and home assignments consolidated for 05 marks.
- We also arrange guest lectures for the students where and when needed to improve skill set and make them industry ready.

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

Teachers ensure that the students are aware of the internal assessment evaluation criteria. The assessment and the evaluation record are made available to each student.

Academic monitoring system

The academic performance is monitored by observing the student’s performance in the classrooms through slip tests, interactions, internal assessment tests and assignments. Monitoring is also done by observing their performance in 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 activity

After identifying their areas of interest in co-curricular and extracurricular activities, the student participation/non-participation is recorded. They are availed conditional attendance in the class because their participation in such activities. The students are guided to progress in all these factors by constant encouragement. Any short comings in any one or all the above factors are adequately addressed. The students and parents are communicated about the progress through mail, letter and in parent-teacher meet. 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, feedback taken from the students for better assessment, as well as improving the existing methods of assessment. While evaluating students for internal assessment, transparency

is maintained and due weightage is given for their behavioral attributes, independent learning and communication skills.

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

Our college aims at imparting a holistic education that would enable the students to become well-informed, responsible, conscientious and confident individuals and the college is committed towards the achievement of this goal.

It focuses on an integrated and all-round education that promotes intellectual, social, emotional, aesthetic and spiritual development of every student as well as on producing individuals who take forward the vision and mission of the institution.

- Our graduating students are young men and women of competence, compassion and conscience.
- They strive for excellence in academics and all other spheres of life.
- The students possess the values of ethical professionalism and cohesive teamwork.
- They are equipped with the latest technological and soft skills, innovative thinking and critical acumen to cope with the emerging demands of rapidly digitalizing world.
- They are aware that education is a life-long journey.
- The college has a placement committee which invites companies from various sectors for the placement of students of diverse disciplines. This activity helps the students to highlight their capabilities in academics and competency in various activities to get suitable jobs.
- Cultural and Academic functions are organized by the college to promote the student's skills and interest in various activities.

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

There is a Monitoring Committee at the college level that considers student's grievances regarding errors in evaluation and it takes necessary steps to rectify them.

- The answer scripts of internal class tests/assignments are shared to the students after evaluation and they can immediately convey their grievances, if any, to the teachers.
- The final internal assessment marks are reviewed by the Departments and then the College Examination Committee.
- The marks are sent to the university only after each student has signed his/her internal assessment record.
- Errors in internal assessment marks at the university level are reported to the university by the college.
- The university has a provision for re-totalling of marks, when a student applies for it.
- Recently, the university has restarted revaluation in any paper for a nominal fee.

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?

Different Programs were offered in the institution in various departments, Department committees of the respective departments finalizes the Student Learning Outcomes (Program Outcomes & Program Specific Outcomes) for each program and get them approved in the department advisory committee of the department and forward them for final approval to principal. Principal in turn put them the college advisory committee and send the approved copy to the departments back for publishing and dissemination to stake holders.

Finalized learning outcomes shall be published in the program web page, department newsletter published in month of July every year and Handouts given to students at the beginning of the semester.

Department Committee conduct brain storming sessions with the faculty at the beginning of the academic year to create awareness among all the staff while finalizing the academic calendar and all the faculty continue to take up the task of educating students regarding their learning outcomes in their classes and also publish in course file. Chart representing the student learning outcomes (POs & PSOs) displayed in Department Office and all laboratories by which student will be continuously aware of their expected outcomes.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/program?

Progress and Performance of the students during the program is monitored by the result analysis at the end of every semester in the department where the program is being run and displayed in the notice board, student wise academic performance data is made available on intranet for students through ECAP. Semester end results shall also be forwarded to the parents of the respective students thorough SMS to the mobiles registered in the departments.

Student learning outcomes are achieved through course outcomes, hence course teacher continuously monitors the performance of each student of his class by observing the performance in day to day assessments and mid examinations and take appropriate measures to improve their performances.

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

As the institution is affiliated to JNTUK, Kakinada, will be following the prescribed curriculum of the affiliating university. The student learning outcomes, which are intended to uplift the students from lower order thinking to higher order thinking, were met through courses prescribed in the curriculum. Before the commencement of academic year, department committee thoroughly verify the curriculum and the syllabus prescribed and identify the gaps if any in requirement of meeting desired student learning outcomes. For identified gaps necessary content identified and included in the respective year schedule.

Institutional Academic calendar is schedule in line with the university given schedule by the Examination time table committee. In line to the institution calendar course teacher prepares the instructional plan and assessment criteria. Head of the department makes all necessary arrangements to execute the below mentioned strategies.

Strategies of the Institution to facilitate the achievement of intended learning outcomes.

Planning of Institutional academic calendar in line with the affiliating university schedule in order to facilitate the teachers and students for effective teaching and learning respectively.

Instructional plan is prepared by the course teacher in advance and copy of instructional plan is given to the student on the first day of commencement of semester class work.

Course wise Assessment criteria will be scheduled by the teacher while meeting the institutional and affiliating university criteria, which include, Day to Day Assessments, MID Examinations and End Examination for theory courses, Internal Exam and End Practical Examination for practical courses, scheduled assessment in the form of seminar etc. for project work.

As the course outcomes contribute to the attainment of program level outcomes, institution believes that Day to Day assessments assist the students in regular learning and attaining their learning outcomes. Hence every course teacher is insisted to conduct at least one comprehensive exam immediately after completion of teaching objective connected to every course outcome.

Department committee identifies the list of students whose performance is not up to the mark in the previous semesters in order to identify the slow earners and circulate the lists to all the course teachers of that semester for their attention and the same displayed in the notice board for student information.

Remedial classes will be scheduled for the identified slow learners by the respective course teacher in order to facilitate them for improved learning and the copy of schedule is circulated to the respective students.

Head of the Department continuously monitor the class work of all the courses and also collect the status of syllabus completion monthly, any lagging courses identified shall be insisted for makeup classes and ensures timely completion of syllabus.

Head of the department verifies the attendance registers and course files of all the running courses and ensure proper conduct of teaching and assessment process.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (quality Jobs, entrepreneurship, innovation and research aptitude) of the courses offered?

Following were the measures taken up by the institution to enhance the social and economic relevance of the courses they undergo during the program.

During the first year of the course several career awareness programs were conducted to make them understand the opportunities they have after completion of the course.

Every year Two Day National Level Techno Cultural Symposium is being conducted by the institution, events like Technical Paper Presentations, Poster Presentations, Technical Quizzes, model making etc. were organized, which help students in exploring the social relevance of their courses.

Industry Institute Partnership cell in collaboration with the various industries around, conducts industrial visits for the students in respective industries to make them understand the industrial practices which could enhance the social and economic relevance of the courses they pursuing.

Institution has effective Career Guidance, Training & Placement cell, which continuously assist in students in setting up their career goal, conducting seminar by industry personal, who addresses about the latest developments and happenings in the industry, by which the students understand the relevance to the courses to the industry.

Training and Placement cell invites several companies to the campus for conduct of on campus selections, off campus opportunities will be explored, and prepare students to attend the selection process.

Entrepreneurship development cell conduct entrepreneurship awareness programs for prospective students there by creating awareness about the industry policies of the state and central governments.

Institution has an MOU with Global Business Incubator, India Chapter, with an objective to enhance the social and economic relevance among students by conducting competitions, where the students will be competing with their innovative ideas which could help for better living of the mankind.

Institution also conduct start up initiative like Start up Veda in collaboration with GBI, facilitate students explore their entrepreneurship zeal, where students present their start up proposals and best will be awarded. GBI assist them in identifying the financial sponsor for the feasible case.

Environmental field visit is conducted in first year to enhance the relevance of the subject among the students in better living of the society.

NSS student members visits various schools around and create technology awareness programs and IT awareness programs in nearby villages, where there may be a chance to understand various social issues and suggest solutions.

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

We strongly believe that the attendance plays a major role in the performance of the students, hence a mechanism has been established to identify the absentees list of every class in the department and SMS alert is sent to the parent mobile.

As student learning outcomes were mapped with the course level learning outcomes, we initiated mechanisms to monitor the progress during the execution of the course, at the end of the academic year and after graduation of the student as mentioned below.

At the end of every academic year Head of the Department collects the academic performance data (Assessment Data Form) of all the direct assessments of students in their department of all the completed courses, and also the indirect assessment through survey form, analyze the data and identify the list of students who were not up to the mark in meeting the SLOs. Same list shall be forwarded to all the course teachers handling the courses in the next semester, for the remedial classes, and the same students shall be counselled by the respective mentor and Head of the Department to understand their challenges.

During the course as planned teacher conduct assessment test at the end of every unit and analyze the performance of the students to identify non-performing students, such identified students shall be counselled by the respective teacher and also invited to attend the remedial classes in order to enhance his learning process.

At the end of the program i.e after fourth year of study the Head of the Department makes necessary arrangements to consolidate the results of all the semesters and find out the attainment level of each program by assessing the attainment of each student learning outcome in the department on 3-point scale, which will be used for enhancing the curriculum for the next academic years, through topics beyond curriculum, contemporary topics etc., in overcoming the barriers of learning.

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

Every department running programs in the institution has Assessment and Evaluation Manual, by which performance data of students is processed as per the assessment manual at the end of every semester and attainment level of all the courses are arrived. And at the end of every academic year attainment level of program outcomes were derived and shall be used for planning of academic year. At the end of the program i.e after four years program outcome attainment levels are arrived as per the assessment manual.

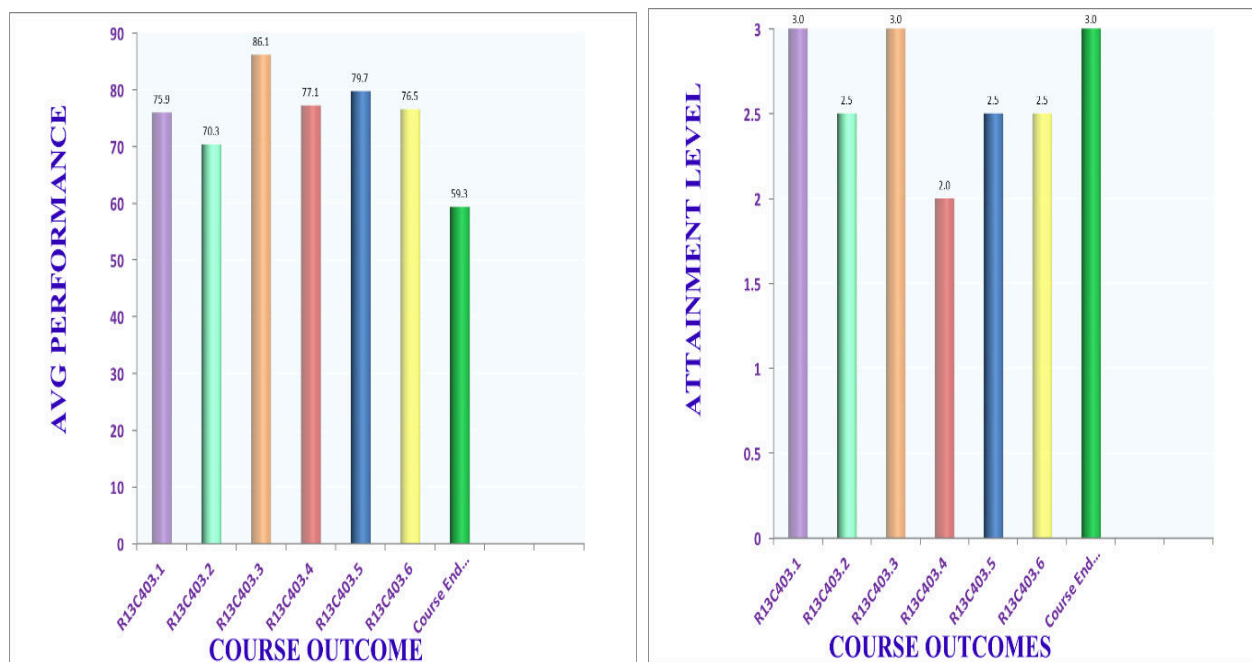
2.6.7 Does the institution and individual teachers use assessment/evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning? If “yes” provide details on the process and cite a few examples.

Yes, the programs has an assessment/evaluation manual which facilitates the institution and teacher to monitors the performance of the students and is used to obtain the attainment of course outcomes, program outcomes and program specific outcomes. Assessments were of both direct and indirect.

Direct Assessment is done at the course level in the form of Day to Day Assessments (liberal to use any assessment tool), Quiz Examinations, MID Examinations and at the end of the course by end examination from the affiliating university. Performance of the students in the respective examinations is used to evaluate the attainment of Cos, POs and PSOs as per the assessment manual.

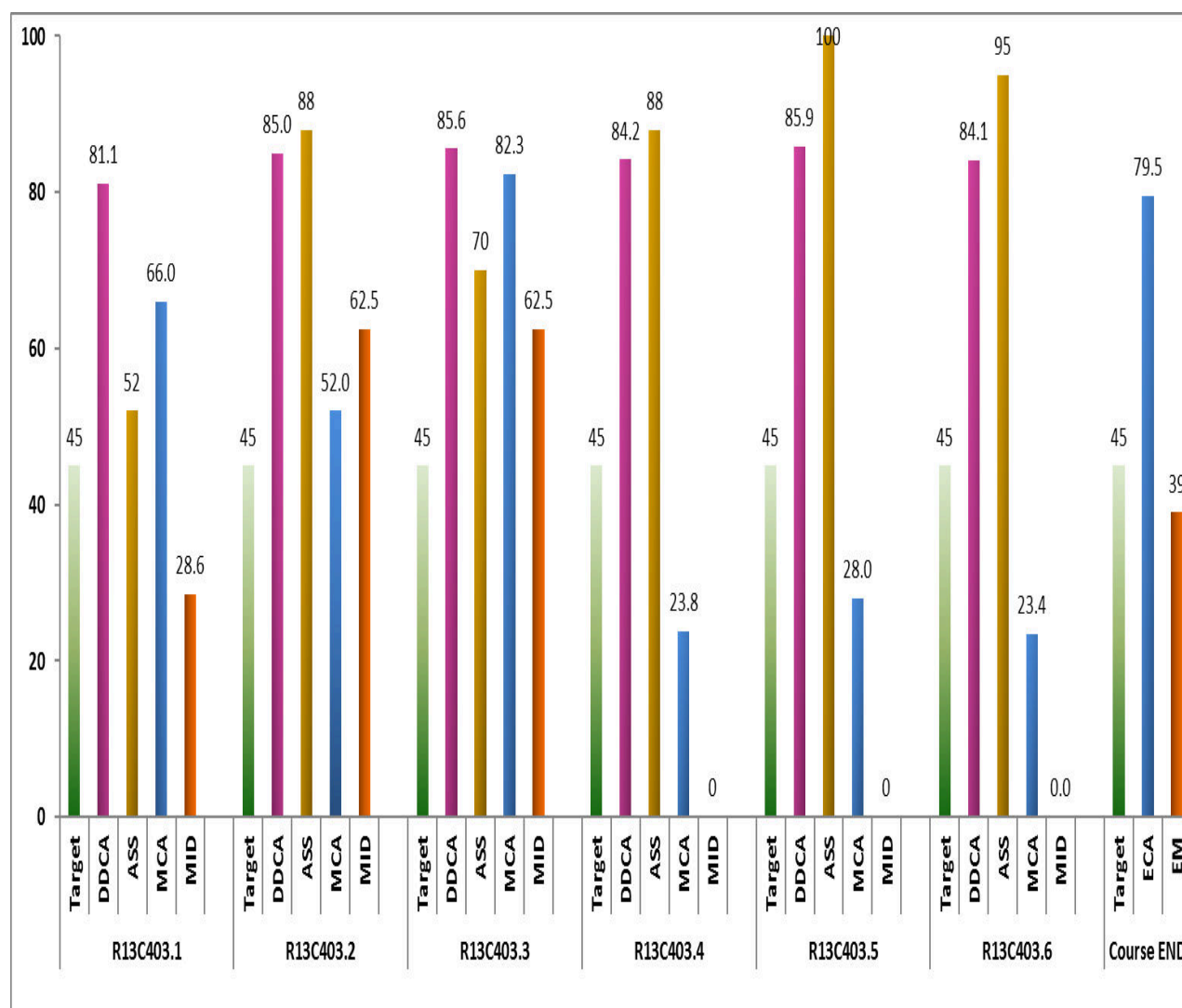
Indirect assessment is being done in the form of surveys/feedback form the students at the end of course to assess course outcomes and at the end of program to assess Program outcomes and Program specific outcomes and is also used in the program evaluation process.

Below graphs shows the average performance of students and attainment of the course (Power System Operations and Control in IV Year I Sem of Electrical and Electronics Engineering Program) which is used in evaluating program outcomes, is an evidence that the performance of student derives the attainment level of course outcome.



PO	Description	Contributing subjects	Direct Attainment	Overall Attainment
PO3	Design/Development of Solutions: Design solutions for complex engineering problems and design system components or process that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	R13C106, R13C108, R13C113, R13C114, R13C115, R13C116, R13C119, R13C201, R13C202, R13C203, R13C206, R13C209, R13C210, R13C211, R13C212, R13C213, R13C214, R13C216, R13C302, R13C303, R13C304, R13C305, R13C306, R13C311, R13C312, R13C313, R13C401, R13C402, R13C403, R13C404, R13C406, R13C408, R13C409, R13C410, R13C411, R13C412	1.5,3,1.5, 2.5,2,2.5, 3,1.5,1.5, 1,1.5,1.5, 1.5,1,1.5, 1.5,1.5,3, 2.5,1.5,2.5, 2,2.5,3, 2.5,1.5,2.5, 2.5,2.5,2.5, 2.5, 3,3, 2.5,2.5,2.5	2.57

Individual teacher while handling the course will monitor the performance of the students by comparing with the class average and set targets of respective course and motivate them continuously for improvement if they lag. Below graph shows the progress of the students in the single course during semester.



CRITERIA 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?

The institution intends to apply for research center under JNTUK, Kakinada (After NAAC & NBA Accreditation).

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

Yes. The College has a research committee with Principal as the Chairman. The composition of the committee is as follows:

S. No	Faculty name	Department	Designation	Position in research cell
1	Dr. Ravi Kadiyala	Mechanical Engineering	Principal	Chairman
2	Mr. D Rakesh	Civil Engineering	Assistant Professor	Coordinator
3	Mr. A Satish Kumar	Computer Science and Engineering	Assistant Professor	Member
4	Mr. S Chandra Sekhar	Electronics and Communication Engineering	Assistant Professor	Member
5	Mr. B Sanotsh Kumar	Electrical and Electronics Engineering	Assistant Professor	Member
6	Dr. A Kiran Kumar	Mechanical Engineering	Assistant Professor	Member
7	Dr. M Nagarjuna	Basic Science and Humanities	Associate Professor	Member

S. No	Student name	Department	Class	Position in research cell
1	Prudhvi Ranga Rao	Civil Engineering	III CE-B Student	Member
2	R Deccan Chronicle	Civil Engineering	III CE-A Student	Member
3	K Vinay Kumar	Computer Science and Engineering	III CSE-B Student	Member
4	K Mounisha	Computer Science and Engineering	III CSE-A Student	Member

5	A Venkat	Electronics and Communication Engineering	III ECE-B Student	Member
6	Vidya Sagar	Electronics and Communication Engineering	III ECE-A Student	Member
7	A Kumar Sai	Electronics and Electrical Engineering	III EEE Student	Member
8	O Sai Krishna Reddy	Mechanical Engineering	III ME-B Student	Member
9	P Hari Durga Pavan	Mechanical Engineering	III ME-A Student	Member

The following are the recommendations 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 budgetary requirements and resources for funding the research.
- To periodically review the progress of research and offer necessary guidance whenever required.
- To monitor the funding from college budget for promotion of research activities.
- To scrutinize minor and major research project proposals for sponsored project funding organizations such as UGC, AICTE, DST, DRDO etc.
- To monitor and assess the progress of sponsored research projects.
- To advise and arrange seminars / conferences / workshops.
- To establish technology incubation centers.
- To see that the results of research lead to patenting/product generation/solve some of societal problems.
- Faculties are encouraged to attend FDPs, conferences and workshops. Registration Fee for FDPs, conferences and workshops will be paid by management.
- College is providing relaxed workload for those who are involved in Ph.D / Research.
- Research methodology classes are conducting for UG and PG students.

Impact of the recommendations

- Faculty has joined as members in the professional bodies.
- Established student chapter and enrolled students.
- Got an increase in Ph.D. registrations of the Institution.
- Provided monetary incentive policy for faculty.
- Invited scientists and industrialists and conducted awareness. programs to both students and faculty encouraging them to take up industry/society oriented projects.
- Improvement in publication of papers in journals/Conferences both National and International.

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

We have the following process to facilitate the smooth progress of the Research projects.

- **Autonomy to the principal investigator**
Principal Investigator is given the complete freedom and authority to execute project and utilize the funds associated with it. The R&D division also monitors and reviews the progress of the approved proposal periodically for timely submission of the funded project.
- **Timely availability or release of resources**
College level research monitoring committee checks the timely completion of the projects and in term reports to funding agencies. Hence, release of funds from funding organizations release timely without any delay.
- **Adequate infrastructure and human resources**
Necessary infrastructure like Carpet Space shall be allocated for the new projects where and when required.
- **Time-off, reduced teaching load, special leave etc to teachers**
Faculty may be considered for reduced working loads to execute their scheduled tasks of their respective projects.
- **Support in terms of technology and information needs**
High speed internet, computing systems and E-journals were made available
- **Facilitating timely auditing and submission of utilization certificate to the funding authorities**
The College ensures that the auditing process completes in time and facilitates the submission of reports to the funding authorities.

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

The institution has established a college level faculty and student research committee to promote research and consultancy activity in the campus. College regularly conducts seminars, guest lectures, conferences & technical symposia etc., for the benefit of both students and faculty members. Individual and group projects on the topic of emerging areas & modern technology are given to the students to influence critical thinking and scientific temper among students. They do interact with resource persons during the above events and enhance their knowledge to accomplish with the research.

The college provides funds for the following:

- To promote in-house R & D
- Encouraged to participate in events like Technical Symposiums and Technical paper competitions.
- Organized seminars and workshops to create zeal in research among the students and to provide an opportunity to meet the experts in the related area.
- Encouraging students and faculty to publish more research papers in high impact factor journals and SCI indexed journals.
- Paper publication is compulsion for MTech students to submit their academic project.

3.1.5 Give details on the faculty involvement in active research (Guiding student research, leading research projects, engaged in individual or collaborative research activity etc.)

The faculty members are actively involved in pursuing research work and publishing their findings in journals. All the professors are engaged in active research. The list of senior faculty members who guide PhD scholars is given below.

S.No	Name of the Faculty	Department	No of Scholars
1	Dr G L Madhumathi	Electronics & Communication	4
2	Dr Y Kusumalatha	Electrical & Electronics Engineering	5
3	Dr Ravi Kadiyala	Mechanical Engineering	2
4	Dr A Kiran Kumar	Mechanical Engineering	2

Faculty Registered for Ph. D Program

The institution encourages its faculty to do research. After the inception of the college in 2009, 29 members were awarded Ph.Ds. and 27 members are pursuing their Doctoral research in different disciplines at reputable universities. The Management supports the professional development of the faculty and encourages them to undertake research work by motivating them to attend seminars, workshops, refresher courses and international & national conferences by giving them necessary financial support and paid leave. The faculty of the college has published many research papers in reputable journals.

S. No	Name of the Faculty	Department	Registered For	University	Year of Registration
1	Mr T Kishore Kumar	CE	Ph. D	ANU, Guntur	2016
2	Mrs T Rajini Devi	CE	Ph. D	ANU, Guntur	2016
3	Ms B Swathi	CE	Ph. D	ANU, Guntur	2016
4	Mr K Satheesh	CSE	Ph. D	ANU, Guntur	2012
5	Mr D Ratna Kishore	CSE	Ph. D	JNTU, Ananthapur	2011
6	Ms P Sunitha	CSE	Ph. D	JNTUK, Kakinada	2015
7	Mr K Sandeep	CSE	Ph. D	ANU, Guntur	2016
8	Mrs M Sree Devi Sameera	CSE	Ph. D	ANU, Guntur	2016
9	Mr N Ashok	CSE	Ph. D	ANU, Guntur	2016
10	Mrs Ch Padmini	CSE	Ph. D	ANU, Guntur	2016
11	Mrs M Syamala	CSE	Ph. D	Annamalai University, Chennai,	2016
12	Mr S Chandra Sekhar	ECE	Ph. D	JNTUK, Kakinada	2015

13	Mr I Sai Ram	EEE	Ph. D	JNTUK, Kakinada	2010
14	Mr B Santhosh Kumar	EEE	Ph. D	JNTUK, Kakinada	2012
15	Mr J Surendra	ME	Ph. D	ANU, Guntur	2010
16	Mrs T Haritha	ME	Ph. D	AU,VSKP	2013
17	Mr KBV Satya Prakash	ME	Ph. D	JNTUK, Kakinada	2013
18	Mrs V Vasanthi	BS&H	Ph.D	JNTUK, Kakinada	2010
19	Mrs J Pushpalatha	BS&H	Ph.D	Krishna University	2013
20	Mr B Srinivasa Rao	BS&H	M.Phil	ANU, Guntur	2012
21	Mr A Srinivasa Rao	BS&H	Ph.D	K L University	2013
22	Mr K Dasaradha Ramaiah	BS&H	Ph.D	ANU, Guntur	2013
23	Mrs K V P Vineela	BS&H	M.Phil	ANU, Guntur	2014
24	Mr S V K Sarma	BS&H	Ph.D	ANU, Guntur	2014
25	Mr A Anil	BS&H	Ph.D	ANU, Guntur	2014
26	Mrs K A Sasikala	BS&H	Ph.D	ANU, Guntur	2013
27	Mrs M Silpa	BS&H	Ph.D	Krishna University, Machilipatnam	2014
28	Mrs D Bhargavi	BS&H	Ph.D	ANU, Guntur	2014
29	Mrs D Srilaxmi	BS&H	Ph.D	Krishna University, Machilipatnam	2014

List of student in-house innovative projects

Department of CSE

The students of CSE department are actively participating in AICTE “Smart India Hackathon 2017” coding contest from December 2016. Seven Teams have registered for the activity and proposed their innovative ideas towards the problem statements specified by AICTE.

The following are the details:

Team No	Team Name	Name of the student	Problem Category
1	Mini Minds for Nation	K. Vinay Kumar	Department of Science & Technology
		K. SaiBalaram	

		M. SaiManoj	
		P. BhavyaSree	
		J. Gopi Venkata Krishna	
		P. Sai Kiran	
2	Tech Starters	Shaik Jafar	Ministry of Railways
		G. Sai Tarun	
		K. EswarSesha Sai	
		T. Tejaswi	
		K. Phanisri	
		Ch. Nitheesha	
3	Hack Wings	T. Sowmya	Ministry of Skill Development & Entrepreneurship
		K. Yoga Siri Chandana	
		K. Sowmya	
		K. Himani	
		Y. DorayyaChowdary	
		N. Bhavya Sai	
4	Tech Wings	K.EswarSesha Sai	Ministry of Steel
		J. Gopi Venkata Krishna	
		Y. DorayyaChowdary	
		Shaik Jafar	
		G. Sai Tarun	
		K.Vinay Kumar	
5	Mini Minds	J. Gopi Venkata Krishna	Indian Council of Medical Research
		K.EswarSesha Sai	
		Y. DorayyaChowdary	
		L. Govardhan	
		K. Durga Prasad	
		U. Anudeep	
6	Hack Tech	Y. DorayyaChowdary	Indian Space Research organization
		K. Yoga Siri Chandana	
		T. Sowmya	
		K. Himani	
		K. Sowmya	
		N. Bhavya Sai	
7	Brain Crackers	K.SaiBalaram	Ministry of Steel
		K.EswarSesha Sai	
		M.SaiManoj	
		J. Gopi Venkata Krishna	
		P. Sai Kiran	
		K.Vinay Kumar	

Among the participated teams, one team has got short-listed and they are going to participate in “Grand Finale” which is to be conducted online across the nation like 36 hrs. Nonstop coding contest scheduled on April1-2, 2017.

The details are as follows:

Team No	Team Name	Name of the student	Problem Category
6	Hack Tech	Y. Dorayya Chowdary	Indian Space Research organization
		K. Yoga Siri Chandana	

		T. Sowmya	
		K. Himani	
		K. Sowmya	
		N. Bhavya Sai	

The faculty is also actively involved in guiding the above activity towards their involvement in finding solutions.

S.No	Name of the Faculty	Designation
1	Mr. N Ashok	Associate professor
2	Mr. A Satish Kumar	Assistant Professor

Department of Mechanical Engineering

Team No	Faculty Name	Name of the student	Project Description
1	Dr. O Srikanth	Thalathoti Raja Sekhar	Study of dynamic and thermal analysis on tooth failure of a involute spur gear
		Chennupati Surendra Kumar	
		Ashok Babu Sannala	
		Thatavarthy Yathiraja Valli	
2	Dr. Ravi Kadiyala	Naga Ramya Kantamaneni	Design of Solar Paddy Drier
		Kanagala Venkata S	
		Satyannarayana	
		Bhukya Bhanu Naik	
		Bhargav Regalla	
3	Mr. J Surendra	Guntaka Sanjay Reddy	Effect of engine performance of bio fuel engine
		Sure Chaitanya Vardhan	
		Boda Ram Prasad	
		A N Mohammed Abu Sawood	
		Sankurubothu Bhavani	
4	Mrs. T Haritha	Md Rizwanullah	Optimization of Machining Parameters In Wire Edm Of Aluminum Alloy Using Taguchi Method
		Pininti Jagadish	
		Koteswara Rao Ankani	
		Kagitha Siva Subba Rao	
		Indupalli Arun Babu	

List of faculty paper publications in their particular research area

S.No	Name of the Faculty	Research Area	No of publications
Department of Civil Engineering			
1	Dr. P Siva Prasad	Offshore structures	6
Department of Computer Science & Engineering			
1	Dr. B Srinivasa Rao	Image Processing	11
Department of Electronics & Communication Engineering			
1	Dr. G L Madhumathi	VLSI Design	19

Department of Electrical & Electronics Engineering			
1	Dr. Y Kusuma Latha	Control Systems	25
Department of Mechanical Engineering			
1	Dr. Ravi Kadiyala	Alternate Fuels	6
2	Dr. O Srikanth	Production	1
3	Dr. A Kiran Kumar	Nano particles inclusion	5
Department of Basic Sciences & Humanities			
1	Dr. B V S N Hari Prasad	Applied Mathematics	10
2	Dr. M Nagarjuna	Material Science	7
3	Dr. Ch Sri Lakshmi	Cancer Biotechnology	13
4	Dr. K Deepthi	Natural Product Chemistry	8
5	Dr. Ch Leelavathi	Heavy metal toxicity in fresh water ecosystems	4

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

The institution conducts periodical Faculty Development Programs, Seminars, Workshops and Guest Lectures for students and yearly once technical symposium, national conferences, technical projects with focus on capacity building and inculcating research ambience.

S.No	Name of the Workshop/Training Programs /FDP's	Speaker Details	Date
Department of Civil Engineering			
1	One Day Seminar on Recent Advances in Civil Engineering	Dr. A Rama Chandra Murthy Principal Scientist & Head Computational Structural	18/02/17
2	Planning and construction of different types of road bridges and highway pavements	Dr. Srikanth Senior Engineer Structures BSCPL.	16/02/16
3	Arresting heave of expansive soils by using cement stabilized fly ash cushion	Dr. M Rama Rao Professor RVR&JC College of Engineering	04/01/16
4	One Day Guest lecture on Water conservation	A Vara Prasada Rao Deputy Director in Ground water Department	22/01/ 16
5	Two Days workshop on PRIMAVERA	K Srinivas Assistant Professor JNTU Kakinada	20/06/15 21/05/15

6	Two Day national workshop on “Exploring Entrepreneurship opportunities” in Andhra Pradesh	Dr. K V Ramana Narra Professor JNTU, Kakinada	20/06/14 21/06/14
7	One Day Seminar on Earth Quake and Tsunami Effects Need for A Warning System In India	Dr. SRK Reddy Prof& Director Gudlavalleru Engineering College	02/01/12
Department of Computer Science and Engineering			
1	FDP on Python & R- Programming	Mr Anoop JayanthKelkar, Python Dveloper, Mr Saya Srinivasalu,Founder,CEOAbheri	26/12/16 to 31/12/16
2	FDP on Big Data analytics & computer Forensics	Dr R B V Subramanyam, Professor NIT, Warangal, Mr B Srinivasa Raju, Sr.Developer	02/05/16 to 04/05/16
3	Hadoop & Big data	Sri V AnjaneyaRaju, CEO Big Data Minds	29/07/16 to 30/07/16
4	Ethical Hacking	Mr D Sai Satish CEO Indian servers	16/04/16 to 17/04/16
5	Java Training Program	Mr S Praveen Reddy Senior java trainer Value labs	01/03/16 to 05/03/16
6	Amazon Training Program	Mr L V Gopal Senior Technical consultant Lorang Technologies	12/02/16 to 15/02/16
7	Oracle Training Program	MrMastanvali.ShaikSr.Corporate trainer, Fronyn Technologies, Hyd	04/01/16 to 08/01/16
8	Knowledge Management & Career Opportunities	Mr Ravi Kiran, Director knowledge management, Global tech solutions	29/10/15 30/10/15
9	Rational SEED Program	MrVenuTadiparti,Oracle Developer	09/10/15 to 10/10/15
10	Oracle Java Certification Course	Mr Praveen Kumar Reddy, Senior java developer, Tech mahindra	19/01/15 to 28/01/15
11	National Network Security Championship	Sri Ajay Pal, Trainee, IIT Delhi	24/01/14 to 25/01/14
Department of Electronics and Communication Engineering			
1	Three–day FDP on Custom IC Design and ASIC Implementation using Cadence EDA Tools	Mr Srikar Talla Chief Application Engineer, Entuple Technologies Pvt Ltd	03/08/16 to 05/08/16
2	Two-day FDP on Analog system design using ALSK Pro	EdGate Technologies Pvt.Ltd and TI university Program, Bangalore.	16/02/16 to 17/02/16

3	One-day workshop on Modern embedded computing	Mr V Govinda Rao	10/08/15
4	Two-day workshop on DSP & DIP using LabVIEW	Mr G Karthik, B Ajay	04/09/15 to 05/09/15
5	Two-day workshop on DSP & DIP using LabVIEW	Mr G Karthik, Mr B Ajay	07/09/15 to 08/09/15
6	Two-day workshop on Knowledge management and career opportunities	Mr Ravi Kiram MsVasanthageetha	29/10/15 to 30/10/15
7	One-day workshop on cloud computing	Dr Ganesh Iyer	08/10/15
8	One-day workshop on Wireless communications & sensor networks	Mr B Kranthi Kumar	09/10/15
9	Two-day workshop on PCB designing and Testing	Mr B Kranthi Kumar	27/01/16 to 28/01/16
10	Two-day workshop on PCB designing and Testing	Mr B Kranthi Kumar	29/01/16 to 30/01/16
11	Two-day workshop on Internet of Things(IOT)	MrDrChandan Varma	22/02/16 to 23/02/16
12	Two-day workshop on MAT LAB Applications	Mr P Vikram Kumar	19/09/16 to 20/09/16
13	Two-day workshop on MAT LAB Applications	Mr P Vikram Kumar	21/09/16 to 22/09/16
14	One-day workshop on Intelligent system world connected together Internet of Things	MrSurabhibhavani Shankar, MrNalluriMallikarjuna	15/10/16
15	Three-day workshop on VLSI Design Through Verilog HDL	Mr Raja Bandi	30/11/16 to 02/12/16
16	Two-day workshop on PCB designing and Testing	Mr V Govinda Rao.	30/01/17 to 31/01/17
17	Two-day workshop on PCB designing and Testing	MrVGovinda Rao.	01/02/17 to 02/02/17
18	Higher Education	Mr P Lakshmi Narasimham	08/07/15

19	Seminar on Knowledge management and career opportunities	Mr Ravi Kiram Ms VasanthaGeetha	30/10/15
20	Seminar on Entrepreneurship program	MandavaSeshagiri Rao	22/01/16
21	Guest lecture on Modern trends in broadcasting	Mr Kalee Prasad	06/01/16
22	Guest lecture on Advanced VLSI Design	Mr Kishore Prabhala	01/03/16
Department of Electrical and Electronics Engineering			
1	Guest Lecture on overview of electrical trends in modern world	Dr K Venkata Reddy, JNTUK	27/01/17
2	Guest Lecture on necessity of enhancing energy efficiency in present scenario	Mr M Durga Prasad, Retd CE APSPDCL	20/12/16
3	Guest Lecture on Overview of thermal power plants	Mr B Srinivas Rao, A.D.E, Dr.NTTPS, Vijayawada.	23/09/16
4	Guest Lecture on distribution systems and turbo generator	Mr B Raju, D.E, KTPS, Kottagudem	17/09/16
5	Guest Lecture on function of boilers	Mr B Srinivas Rao, A.D.E, Dr.NTTPS, Vijayawada	21/03/16
6	Workshop on Design and calculation of Solar Energy on PV panels	Mr V Purushotham	14/03/16-15/03/16
7	Guest Lecture on transformers and substations	Mr B Raju, D.E, KTPS, Kottagudem	19/08/15-20/08/15
Department of Mechanical Engineering			
1	Guest Lecture on modern trends in Mechanics	Dr.Malladi, Professor, Malladi Educational Academy,JNTUK	01/10/16
2	Guest Lecture on Failures in Design	Dr.MeeraSaheb, Associate Professor, JNTUK	23/09/16
3	Seminar on Engineers Day	Dr CH Suresh Reddy, CEO NIPPY Chemicals & Batteries Hyderabad	15/09/16

4	Guest lecture on Thermal Power stations and recent developments	Sri T Johnson, Sr Executive, VTPS	20/10/16
6	Guest Lecture on KOM	Mr. B V K Gupta Professor Andhra university	22/03/16
7	“Burn like a Sun”-Exploring Yourself	Mr.Md.Basheer, Systems Engineer, INFOSYS	22/02/16
8	Seminar on CAD/CAM/CAE	Mr .H Pradeep Reddy, CAC RAMTECH, MFG Industries	16/12/15
9	Indian Innovations	Mr.Thota Praveen Kumar	04/09/15
10	“Burn like a Sun”-Exploring Yourself	MrMd.Basheer, Systems Engineer, INFOSYS	16/07/15
11	Seminar on Vibration analysis	Dr D Srinvasa Rao, Professor, DMSSVHCE	08/07/14
12	Thrust areas for Research in Mechanical Engineering	Dr K Ramji, Professor, AU	23/08/14
13	Recent developments on Industrial Requirements	Sri M Chalapathi Rao, BHEL, Haridwar	27/09/13
Department of Basic Science& Humanities			
1	Vedic Mathematics	Mr B Maruthi Ram singh	18/02/16

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

Prioritized Research Areas department wise:

S.No	Name of the Department	Area of Specialization/Research	Expertise available
1	Civil	Structures	Dr. P Siva Prasad Mrs T RajiniDevi Ms B Swathi
		Geo Technical	Mr T.Kishore Kumar
2	CSE	Image processing	Dr B Srinivasa Rao Mr D Ratna Kishore
		Cloud Computing	Mr K Satish Mr P V Hari Prasad
		Security & Warehousing	Mr N Ashok Mr K Sandeep Mrs MSD Sameera Mrs Ch Padmini Ms P Sunitha

3	ECE	VLSI Design	Dr. G L Madhumathi
			Mr S Chandra Sekhar
4	EEE	Control Systems	Dr. Y Kusuma Latha
		Power Systems	Mr I Sairam
5	Mechanical	Alternate Fuels	Mr B Santhosh Kumar
			Dr. Ravi Kadiyala
		Manufacturing	Mr J Surendra
		Nano Particles inclusion to enhance	Dr. O Srikanth
		Nano Composite Material	Dr. A Kiran Kumar
		Thermal Engineering	Mrs T Haritha
6	BS&H	Mathematics	Mr KBV Satya Prakash
			Dr. B V S N Hari Prasad
			Mr A Srinivasa Rao
			Mr K Dasaradha
			Mr SVK Sarma
			Mr A Anil
		Physics	Mrs KVP Vineela
			Dr. M Nagarjuna
			Mrs K A Sasikala
		Chemistry	Mrs M Silpa
			Dr. K Deepthi
			Dr. Ch Leelavathi
			Dr. Ch Sri Lakshmi
			Mrs D Sri Laxmi
			Mrs D Bhargavi

List of Ph.D Pursuing Faculty:

S.No	Name of the Faculty	Department	Thesis Title	Guide	Name of the Institution
1	Mr D Ratna Kishore	CSE	An Efficient Chain Graph Segmentation Models in Human Activity and Real Time Video Databases	Dr. A. Ananda Rao, Dr. M.Chandra Mohan	JNTUA, JNTUH
2	Mr P V Hari Prasad	CSE	Optimization of Routing & Traffic Engineering in Wireless Mesh Networks	Dr.K. Gangadhar Rao	ANU, Guntur
3	Mr K Sateesh	CSE	A Novel Integrity Verification Based Cloud Security using Homomorphic	Dr.K. Gangadhar Rao	ANU, Guntur

			Attribute Based Encryption and Decryption models		
4	Ms P Sunitha	CSE	Network Security	Dr. L. Sumalatha, Dr. Ch. Aparna	JNTUK
5	Mr N Ashok	CSE	Data Mining	Dr.Ch. Aparna	ANU
6	Mr K Sandeep	CSE	Software Reliability	Dr. R.Satya Prasad	ANU
7	Mrs M Sri Devi Sameera	CSE	Software Reliability	Dr. T. Anuradha	ANU
8	Mrs Ch Padmini	CSE	Data Mining	Dr. C.V.P.R.Prasad	ANU
9	Mrs M Syamala	CSE	Machine Learning in big Data	Dr. N.J.Nalini	Annamalai University, TN
10	T Haritha	ME	Nano Composites	Dr K. Ramjee	Andhra university
11	K Satya Prakash	ME	Compressible Jets	Dr P. Lova Raju	JNTUK
12	J Surendra	ME	Alternate Fuels	Dr Ravi Kadiyala	ANU

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

A linkage with national and international educational and professional institutions enables opportunities for interaction of subject experts and eminent researchers with the staff and students.

Significant and topical themes of Conferences and seminars by academic departments are aimed to create opportunities for greater interaction with eminent scholars.

- The Institution invites eminent resource person from various fields such as academic institutions, research organizations and MNC to interact with students and staff on a focused topic. This would help in improving the interaction of the institution with outside world.
- The Institution makes the necessary arrangements for organizing guest talk by the eminent people.
- The invited guests review the quality of in-house projects and there by suggest any improvements.

List of eminent personalities and researchers who visited the institution are:

S.No	Name of the Resource Person	Designation	Organization	Date of Visit
Department of CE				
1	Dr A Rama Chandra Murthy	Principle scientist	CSIR-SERC, Chennai	18/02/17
2	Dr M Ramarao	Professor	RVR & JC	04/01/16
3	Mr A VaraPrasada Rao	Dy. Director	Ground Water Department	22/01/16
4	Mr K Srinivas	Assistant Professor	JNTUK	20/06/15 21/05/15
5	Dr S R K Reddy	Director	Gudlavalleru Engineering College	02/01/12
Department of CSE				
1	Dr Prasad Krishna	Professor	NIT, Suratkal	06/06/16
2	Dr R B V Subramanyam	Associate Professor	NIT, Warangal	02/05/16
3	Dr ASN Chakravarthy	Associate Professor	JNTUK, Vizianagaram	04/05/16
4	Dr Ganesh Iyer	Software QA Architect	Progress Software Development	08/10/15
5	Dr KV Ramana	Professor	JNTUK, Kakinada	11/02/15
Department of ECE				
1	Mr .SrikarTalla	Director	EntupleTechnologies,Bangalore	03/08/16 to
2	Mr V Govinda Rao	Director	Micro link Peripheral controls	10/08/15
3	Dr Ganesh Iyer	Sr.Engineer	Program software development, Hyderabad.	08/10/15
4	Mr B Kranthi Kumar	Director	QUE Technologies	29/01/16 to 30/01/16
5	Dr Chandan Varma	Sr. Software Engineer	Wingfotech technologies	22/02/16 to 23/02/16
6	Mr P Vikram Kumar	Research Scholar	IIT Madras	21/09/16 to 22/09/16
7	Mr Raja Bandi	Director	Lucid VLSI Design	30/11/16 to 02/12/16

8	Mr P Lakshmi Narasimham	Faculty	The IES GATE Academy	08/07/15
9	MrKalee Prasad	Sr.Engineer	Prasara Bgarati,Vijayawada	06/01/16
10	Mr Kishore Prabhala	Director	PSK VLSI Design center	01/03/16

Department of EEE

1	Dr K Venkata	Assistant	JNTUK,Kakinada	27/01/17
2	Dr.V.S.Mani	Scientist, Material	CMET,Hyderabad	30/09/2014-02/10/2014
3	Dr D P Kothari	Rtd.Professor	Nagpur University	13/03/13
4	DrAftabAlam	Associate .Professor	IIT Bombay	30/09/2014-02/10/2014
5	Dr.Sujoy Kumar Samanta	Professor	IIT Patna	30/09/2014-02/10/2014

Department of Mechanical Engineering

1	DrMalladi	Professor	Malladi Educational Academy	01/10/16
2	DrMeeraSaheb	Associate Professor	JNTU k Kakinada	23/09/16
3	Dr CH Suresh	CEO	NIPPY Chemicals & Batteries	15/09/16
4	Sri T Johnson	Sr executive	VTPS	20/10/16
5	Mr B V K Gupta	Professor	Andhra University	22/03/16
6	MrMd Basheer,	System Engineer	Infosys	22/02/16
7	MrMd.Basheer,	System Engineer	Infosys	16/07/15
8	Dr D Srinvasa	Professor	DMSSVHCE	08/07/14
9	Dr K Ramji,	Professor	Andhra University	23/08/14
10	Sri.M.Chalapathi	Dy.G.M(Retd)	BHEL	27/09/13

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?

The following faculty has utilized Sabbatical Leave from various departments of the Institution and was involved in Research activities.

S. No	Name of the Faculty	Department	Period of sabbatical leave	Purpose
1	Mr V Sanjay Gokul	Civil	2014 November to 2015 December	Research Work

2	Mrs K Swarna Swetha	Civil	2016 December to till date	PhD
3	Mrs K Chaitanya	CSE	01/05/2015 to till date	Research Work at JNTUH
4	Mrs K VP Vineela	BS&H	March 2014 - August 2014 December 2015 - January 2016	M.Phil

The following faculty has applied for “Study Leave” and was granted the same.

S. No	Name of the Faculty	Department	Period of sabbatical leave	Purpose
1	Mr T Kishore Kumar	CE	18/01/17,20/01/17&25/01/17	Pre Ph.D Exams
2	Ms T Rajini Devi	CE	18/01/17,20/01/17&25/01/17	Pre Ph.D Exams
3	Ms B Swathi	CE	18/01/17,20/01/17&25/01/17	Pre Ph.D Exams
4	Mr D Ratna Kishore	CSE	06/02/17 to 09/02/17	To submit Synopsis at
			21/02/17 to 23/02/17	To attend Pre-Talk at JNTUA
5	Ms P Sunitha	CSE	01/05/16 to 28/05/16	To attend Credit Course at
6	Mr I Sairam	EEE	01/05/16 to 30/05/16	To attend Credit Course at
7	Mrs T Haritha	Mech	18/04/16	Ph.D review
8	Mr J Surendra	Mech	11/07/16 to 15/07/16	Ph.D work shop
9	Mr K Satya Prakash	Mech	20/01/15 to 25/01/15	Phd work
10	Dr. K Deepthi	BS&H	26/8/14 to 27/8/14, 13/9/14	Ph.D Vivo-Voce
11	Mrs D Srilaxmi	BS&H	29/8/16 to 31/8/16	Pre Ph.D Exams
12	Mrs M Silpa	BS&H	29/8/16 to 31/08/16	Pre Ph.D Exams
13	Mr A Anil	BS&H	6/12/14,08/12/14 10/12/14,12/12/14	M.Sc Exams
			27/01/15,29/01/15 05/02/15	Pre Ph.D Exams
14	Mr S V K Sarma	BS&H	27/01/15 29/01/15	Pre Ph.D Exams

15	Mrs K V P Vineela	BS&H	27/01/15 29/01/15 2-2-2015 30-8-2016	Pre Ph.D Exams M.Phil Viva- Voce
16	Mrs J Pushpa Latha	BS&H	15/12/14 to 18/12/14	Pre Ph.D Exams
17	Mrs V Vasanthi	BS&H	08/09/14	Ph.D Review meeting
18	Mrs D Bhargavi	BS&H	27/01/15 29/01/15	Pre Ph.D Exams

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

- The research work of all faculty members and students are displayed on notice board to initiate interest among other students and staff.
- It is a compulsion for a student to give seminars on project work during project reviews
- Registration fee is paid by the college to the faculty and students for their participation and presenting research papers at national and International conferences.
- Students participate in various technical programs like “Technical Fests” conducted every academic year and propose their Innovative ideas, which can be further upgraded to a Working Model and later Incubate it and make it as a Commercial Product and marketize the same.

Projects done in the Institution for the relative findings of research:

S.No	Dept	Project Name	Sponsored by	Status
1	CSE	AICTE Smart India Hackathon	DIET	Participated
2	ECE	Water Level indicator	DIET	Completed
3	EEE	Solar Street Light	DIET	Working
4	ME	Hydraulic Press	DIET	Working
5	ME	Finite Element Modelling and Analysis of Zig-Zag and Armchair Type Single Walled Carbon Nano Tubes	DIET	Modelling Analysis
6	ME	Synthesis and Analysis of Silicone Rubber Composite with Carbon Black and Silica Blends for Electromagnetic Interference Shielding	DIET	Synthesis, Fabrication and Testing
7	BS & H	Ground Water Management	DIET	Completed

The Institute encourages the faculty members to deliver lectures on their findings on their research work at different colleges.

S.No	Dept	Name of the Faculty Member	Organization Visited	Date	Purpose of the visit
1	CSE	Mr A Satish Kumar	JNTUA, Ananthapuramu	18-03-17 to 19-03-17	A 2-day workshop on Hadoop & BigData
2	CSE	Mr M Ravi Kanth	JNTUA, Ananthapuramu	18-03-17 to 19-03-17	A 2-day workshop on Hadoop & BigData
3	ME	Dr. A Kiran Kumar	MVRCE, Vijayawada	05/09/16	Lecture on Nano Fluids
4	ME	Dr. A Kiran Kumar	ISL, Hyderabad	18/05/16	Lecture on Research Methodology

The institute also encourages faculty to excel in their areas of research by conducting Colloquia sessions at regular intervals, where the faculty give presentation on any topic in their interested research area.

S.No	Date	Name of the Faculty	Topic Presented
1	25-07-2015	Dr. B Srinivasa Rao	Digital Image Processing & its Applications
2	01-08-2015	Mr K Satheesh	Cloud Computing – Scope of Research
3	22-08-2015	Mr P V Hari Prasad	Optimization of Routing & Traffic Engineering in Wireless Mesh Networks
4	19-09-2015	Mr N Ashok	Internet of Things
5	31-10-2015	Mr B.B.K.Prasad	Scope of Research in Computer Architecture
6	21-11-2015	Mrs K Sowmya	Variants of Cloud Computing
7	06-02-2016	Mr B Venu Gopal	Net Neutrality
8	20-02-2016	Mrs M Ragini	Big Data in Engineering Applications
9	02-04-2016	Ms P Sunitha	Search Engine Optimization & Analysis using Improved Memetic Algorithm
10	02-07-2016	Mr K Sandeep	Emotion Recognition System using SIRI
11	23-07-2016	Mrs S Praneetha	Revolution on 3D printing
12	17-09-2016	Mrs L N B Jyotsna	MIKTEX

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.

College ear marks 20 to 30 lakhs (2 % of annual budget) towards of establishment of research facility and research publications in all the departments for the academic year 2016-17 and about 8 Lakhs(0.5 %) towards procurement of e journals.

The Management supports with financial assistance-

- To individual research projects
- For Upgrading of Laboratories with advanced equipment.

- Conduction of Seminars, Workshops
- On Symposia Books, Journals and Advanced software.
- Equipment for research activity.

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?

Institution has provision to provide seed money of rupees 20000/- to each faculty for research publications per academic year and also allows On-Duty leave(OD) to faculty for participating and presenting papers at national level seminar, conferences and Extending TA/ DA for presenting papers at conferences/seminars.

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

Institution has earmarked about 5 lakhs of budget towards student projects and related product development activities.

The Institution encourages student research and provides all the required facilities to promote research culture among the students. All the students have free access to utilize the instruments in various labs, online journals, printed journals etc from central library beyond the college hours.

In the Department level, interested students will be assigned to one senior faculty and proper guidance will be given to convert their innovative ideas into project proposal and encouraged for submission to funding agencies for financial assistance.

For any innovative and useful project / model prepared by the students the college management supports financially, based on the recommendation of department project review committee. TA and DA will be paid to the students for their paper presentations in prestigious institutes like IITs, NITs and University campuses.

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 Institution has a Research committee of subject experts from different departments and this committee monitors all the research activities. This committee often discusses on the leading edge of research topics in full length with other members for mutual benefits only with the idea to generate good quality projects and ideas.

S.No	Academic Year	Project Name	Cost Estimation (In Rupees)	Faculty Guide	Departments Involved
1	2012-13	Design and Fabrication of Hydraulic Press	Rs. 1,51,897	Dr. O Srikanth, Mr D Bala Nagesh	EEE & Mechanical

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

The students and faculty can use the equipment's existing in the labs. Demonstration and training if needed is also provided at the time of using these instruments. In our college, the lab and other research facilities like simulation lab, computer lab etc... are kept open for both students and faculty members beyond the official working time and also during vacation period. Our campus is connected with full-fledged LAN facility in every department and also installed with required latest systems and application software packages. Our central library has access to large number of Indian journals and International journals with central computational facility fitted with 46Mbps internet connectivity which is open to students. All the laboratories of our college are kept open after College working hours as per the requirement.

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.

Departments of the institution were in the process of submitting the research projects for funding from the industries.

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

The proposals by the faculty members for obtaining grants from various funding agencies are promptly forwarded by the Research Committee, with making necessary arrangements for the requisite infrastructural support plan.

3.3 Research Facilities

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

The institution provides a conducive environment in which the faculty and Students can carry-out their research works. The following are the research facilities

Available to the students and research scholars in the campus:

- Department Laboratories
- Wi-Fi enabled campus
- CAD Lab with ARCGIS, Staad.Pro, Ansys & AutoCAD Software
- CAM Lab with CNC Machine
- Foundation for Innovation and Collaborative Education (FICE) Lab for embedded systems
- TEXSAS Instruments (LICA Lab)
- Mentor Graphics HEP1 (Backend tool) for VLSI
- Cadenca Design Systems (NC launch, encounter, virtuoso)
- R&AC Lab
- MAT Lab 2016B for project simulation and analysis

- Oracle 11g Enterprise Developer Edition
- Latex
- MSOffice Visio Professional 2007
- J2EE, J2SE, J2ME
- Windows Mobile 6.0 Professional SDK
- Visual Basic 6.0
- Visual FoxPro 9.0 SP-1
- Visual C++ 4.0
- Microsoft Front Page 2003
- Visual Studio 2005
- Visual Studio 2008 SP-1
- Expression media2
- Rational Rose
- Visual Studio Community 2015
- Visual Studio Community 2017
- Xamarin Studio Community Edition
- Visual Studio 2014
- Visual Studio 2016
- Oracle 11g database Server
- Multisim V11
- Xilinx System Edition 13.1
- Mentor Graphics
- Cadence University Software Program Bundle
- MATLAB 2016 A
- PSPICE – 8.0 5
- STADD Pro V 8i
- ArcGIS Basic Lab Kit 10.4
- Autodesk Education Master Suite - 2011
- Academic Perpetual Offering Solution Water & Waste Water.
- Academic Perpetual Offering Solution Transportation/ Offshore.
- Academic Perpetual Offering Solution Structural. (3D Imaging, Point clouds& Mapping.)

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

The faculty/students who are interested in research can plan their proposals related to their PhD or individual work or projects of interest. They are encouraged to apply for DST, AICTE In-house and from other funding agencies. If allotted the required college funds will be approved by concerned HOD and Principal. If the Principal Investigator requests the Co-Principal Investigators will be identified and taken permission from respective HOD. Any publications, infrastructure requirements will also be approved through the same channel. The institute also facilitate the upgradation of department labs and procuring latest software and computer systems so as to meet the needs of research activity.

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.

Facility	Contribution	Company/Organization	Purpose
ASLK Kits For LICA	Technical Support	Texas instruments	Research
EDA Tools	Technical Support	PSK VLSI Research foundation	Students projects
GSM, Broadband	Technical Support	BSNL	Students

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

The research facilities made available to the students and research scholars are like we have MOU’s and associations with many of the organizations and laboratories.

The Institutions/organizations with which we have MOU’s and associations are as follows:

- PSK VLSI Design center
- BSNL
- EdGate-Technologies Bangalore
- FICE- Bangalore
- NFC

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

The Library in the college provides facilities to edify the research for faculty /students for seeding research work. The following are the facilities provided:

- The library has a collection of 53 National journals and 37 international journals.
- The library has subscribed through which a number online journals can be accessed 9398.
- Digital Library has been set up with 15 systems connected with high-speed network connectivity to access all e-resources and video streaming e-learning program.
- Through intranet facility the Library E-Resources can be accessed by the students and faculty members anywhere in the campus including class rooms.

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.

The R&D committee of the institute has collaborated with the following research oriented organizations to facilitate faculty members and the students to pursue research in the campus. The R&D committee enables the students and the faculty members to carry out their research in their domains.

The collaborative research facilities developed are:

The Department of CSE of the institution has MOU with TekCrux Pvt Ltd Hyderabad for Upgradation of technology in the field of Mobile Application Development to fill the industrial gap and to share the knowledge, strengths and potentials of both sides.

The institution has established INTEL INTELLIGENT SYSTEMS LAB within the campus to strengthen R&D of ECE department with “Foundation for Innovation and collaborative Education(FICE)” and also developed their existing lab to setup “Texas Instruments Lab” with “M/s EdGate Technologies Pvt Ltd”. The ECE department also tied up with PSK Research Foundation on mutual cooperation for setting up and running industrial oriented programs on VLSI Design.

The Mechanical Engineering department has MOU with Central Institute of Plastics Engineering and Technology (CIPET) to impart training to staff and students and to enhance the technical knowledge as well as to provide facility to internship during summer vacation to get Hands- on-experience.

The College has also applied for more MOU’s / collaborations and foresees to have a tie up with research institutes for collaborative research in the near future.

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)**
 - Dr. Ch Leelavathi is planning to get patent
- **Original research contributing to product improvement**
 - ECE- low cost water level indicator- Basheer 2010 batch
- **Research studies or surveys benefiting the community or improving the services**
 - A study on evaluation of Serum Uric acid in Normal and Hypertensive patients
 - “Health Impact Assessments in Adolescence Girls Studying Intermediate in Andhra Pradesh Corporate Colleges and Government Colleges: A Prospective Study ”Dr.Ch Sri Lakshmi.
- **Research inputs contributing to new initiatives and social development**
 - Ground water analysis by Dr. Ch Leelavathi

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?

- ECOS-EEE (International Conference Electrical, Electronics, Engineering trends, Communication, Optimization and Sciences.)
- The Institution is an Educational Institution member of computer society of India. The CSI student branch accredited to engage in Knowledge sharing, Technology promotion and skill up gradation.

3.4.3 Give details of publications by the faculty and students:

Publications of Faculty

Department of Civil Engineering

S.No	Faculty Name	Title of the Paper	Details- Ref No. Year & Month	Academic Year
1	Mr D Rakesh	Structural Analysis & Design of Steel Concrete Composite Buildings	International Conference Covering the Fields of Construction Real Estate Infrastructure Project (Iccrip 21,22 Oct 2016, Pune)	2016-17
2	Mr TKishore Kumar	Stabilization of Soil by Using Agricultural Waste	International Journal of Innovative Research In Technology (Ijirt-Volume 3 Issue 1 June 2016)	2016-17
3	Ms K P Manjusha	Analysis and Design of Asiphon Aqueduct	International Journal of Engineering Development And Research (Ijedr-Volume 4 Issue 2june 2016)	2016-17
4	Mr V Rajesh	A Study on Assessment of Groundwater Quality and its Suitability for Drinking in Shivajipalem area, Visakhapatnam,A.P.	International Journal of Engineering Development and Research (Ijedr-Volume 4 Issue 2june 2016)	2016-17
5	Mr V Rajesh	Wind and Seismic Analysis And Design Of Multistoried Building(G+30) By Using Staad Pro	International Journal Of Mechanical Engineering And Computer Applications	2015-16
6	Dr P Siva Prasad	Runway Building Airport	International Journal Of Computer And Mathematical Science (Ijcms-January 2016)	2015-16
7	Mr Ch Sri Varma	Experimental Studies on The Mechanical Properties of Composite Concrete	International Journal Of Innovative Research In Technology (Ijirt-Volume 2 Issue 12may 2016)	2015-16

8	Ms V Swathi Padmaja	Experimental Studies on The Mechanical Properties of Composite Concrete	International Journal of Innovative Research In Technology (Ijirt-Volume 2 Issue 12may 2016)	2015-16
9	Ms T Rajini Devi	Experimental Studies on The Mechanical Properties of Composite Concrete	International Journal of Innovative Research in Technology (Ijirt-Volume 2 Issue 12may 2016)	2015-16
10	Ms B Swathi	Experimental Studies on The Mechanical Properties of Composite Concrete	International Journal of Innovative Research In Technology (Ijirt-Volume 2 Issue 12may 2016)	2015-16
11	Ms B Swathi	Characteristic Study of Concrete Using Nano Particles	International Journal of Engineering Development and Research (Ijedr-Volume 4 Issue 2may 2016)	2015-16
12	Mr G Amar	Analysis and Design of Reinforced Concrete Rectangular Shear Wall	International Journal of Innovative Research In Technology (Ijirt-Volume 2 Issue 12may 2016)	2015-16
13	Mr G Amar	Comparative Seismic Analysis of Open Ground Storey Framed Buildings with Infill Wall and Shear Wall	International Journal of Engineering Development and Research (Ijedr-Volume 4 Issue 2april 2016)	2015-16
14	Mr G Amar	Design and Analysis of Conventional and Pre-Engineered Building (R.C.C and Steel)	International Journal of Engineering Development and Research (Ijedr-Volume 4 Issue 2may 2016)	2015-16
15	Mr D Rakesh	Design and Analysis of Conventional and Pre-Engineered Building (R.C.C and Steel)	International Journal of Engineering Development and Research (Ijedr-Volume 4 Issue 2may 2016)	2015-16
16	Mr D Rakesh	Stabilization of Black Cotton Soil Using Salts and Their Comparative Analysis	International Journal of Engineering Development and Research (Ijedr-Volume 4 Issue 2may 2016)	2015-16

17	Mr V Sanjay Gokul	Design and Analysis of Conventional and Pre-Engineered Building (R.C.C And Steel)	International Journal of Engineering Development and Research (Ijedr-Volume 4 Issue 2may 2016)	2015-16
18	Mr V Sanjay Gokul	Stabilization of Black Cotton Soil Using Salts and Their Comparative Analysis	International Journal of Engineering Development and Research (Ijedr-Volume 4 Issue 2may 2016)	2015-16
19	Mr V Sanjay Gokul	Experimental Investigation on The Behaviour of Hybrid Fiber Reinforced Concrete	International Journal of Engineering Development and Research (Ijedr-Volume 4 Issue 2may 2016)	2015-16
20	Mr V Sanjay Gokul	Analysis and Design of Reinforced Concrete Rectangular Shear Wall	International Journal Of Innovative Research In Technology (Ijirt-Volume 2 Issue 12may 2016)	2015-16
21	Mrs K Swarna Swetha	Stabilization of Black Cotton Soil Using Salts And Their Comparative Analysis	International Journal Of Engineering Development And Research(Ijedr-Volume 4 Issue 2may 2016)	2015-16
22	Ms B Vijaya Lalitha	A Study On Assessment Of Groundwater Quality And Its Suitabilityfor Drinking In Shivajipalem Area, Visakhapatnam,A.P.	International Journal Of Engineering Development And Research(Ijedr-Volume 4 Issue 2june 2016)	2015-16
23	Mr V Surya Teja	A Study On Assessment Of Groundwater Quality And Its Suitabilityfor Drinking In Shivajipalem Area ,Visakhapatnam,A.P.	International Journal Of Engineering Development And Research (Ijedr-Volume 4 Issue 2june 2016)	2015-16
24	Ms K Brahmani	Characteristic Study of Concrete Using Nano Particles	International Journal Of Engineering Development And Research(Ijedr-Volume 4 Issue 2may 2016)	2015-16

25	Dr. P Siva Prasad	Design and Analysis of Jack Well Pump House in Lift Irrigation Scheme	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
26	Dr. P Siva Prasad	Mechanical Properties of Concrete Containing Quarry ROCK Dust as Fine Aggregate	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
27	Dr. P Siva Prasad	Analysis and Design of Elevated Circular Over Head Water Tank	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
28	Dr. P Siva Prasad	Experimental Investigation on Ground Granulated Blast Furnace Slag in Concrete	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
29	Dr. P Siva Prasad	Experimental Investigation on the Behaviour of Hybrid Fiber Reinforced Concrete	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
30	Dr. P Siva Prasad	Design aspects in Offshore complaint piled towers for Oil & Gas exploration	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
31	Dr. P Siva Prasad	Earthquake resistant design of a five storied Residential Building for seismic zone-III	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15

32	Dr. P Siva Prasad	Comparative Study Of Flexible And Rigid Pavements	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
33	Dr. P Siva Prasad	Earthquake Resistant Design of A Five Storied Residential Building For Seismic Zone III	International Conference on International Association of Engineering & Technology For Skill Development (ICAER)-2015	2014-15
34	Dr. P Siva Prasad	The Experimental Investigation on Behaviour of Micro silica in Concrete	International Conference on International Association of Engineering & Technology For Skill Development (ICAER)-2015	2014-15
35	Dr. P Siva Prasad	Strength Aspects of Glass Fibre Reinforced Concrete With Fly Ash	International Conference on International Association of Engineering & Technology For Skill Development (ICAER)-2015	2014-15
36	Dr. P Siva Prasad	Stabilization of Lateritic Soil by Using Agricultural Waste	International Conference on International Association of Engineering & Technology For Skill Development (ICAER)-2015	2014-15
37	Mr Ch Sri Varma	Mechanical Properties of Concrete Containing Quarry ROCK Dust as Fine Aggregate	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
38	Mr Ch Sri Varma	Comparative Study of Flexible And Rigid Pavements	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
39	Mr Ch Sri Varma	Experimental Investigation on the	International Conference on Electrical, Electronics,	2014-15

		Behaviour of Hybrid Fiber Reinforced Concrete	Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	
40	Mr Ch Sri Varma	Analysis and Design of Elevated Circular Over Head Water Tank	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
41	Mr Ch Sri Varma	Experimental Investigation on Ground Granulated Blast Furnace Slag in Concrete	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
42	Mr V Sanjay Gokul	Design and Analysis of Jack Well Pump House in Lift Irrigation Scheme	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)-2014, DIET	2014-15
43	Mr V Sanjay Gokul	Experimental Investigation on the Behaviour of Hybrid Fiber Reinforced Concrete	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
44	Mr V Sanjay Gokul	Earthquake resistant design of a five storied Residential Building for seismic zone-III	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
45	Mr V Sanjay Gokul	Comparative Study Of Flexible And Rigid Pavements	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
46	Mr G Praveen	Analysis and Design of Elevated Circular Over Head Water Tank	International Conference on Electrical, Electronics, Engineering Trends,	2014-15

			Communication, Optimization and Sciences (EEECOS/E3COS)	
47	Mrs T Rajini Devi	Experimental Investigation on Ground Granulated Blast Furnace Slag in Concrete	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
48	Mrs T Rajini Devi	The Experimental Investigation on Behaviour of Micro silica in Concrete	International Conference on International Association of Engineering & Technology for Skill Development (ICAER)-2015	2014-15
49	Mr A Narendra Kumar	Earthquake resistant design of a five storied Residential Building for seismic zone-III	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
50	Mr A Narendra Kumar	Earthquake Resistant Design of a Five Storied Residential Building for Seismic Zone III	International Conference on International Association of Engineering & Technology for Skill Development (ICAER)-2015	2014-15
51	Mr K Rama Koteswara Rao	Comparative Study of Flexible and Rigid Pavements	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)	2014-15
52	Mr G Amar	Analysis of Reinforced Concrete Coupled Shear Wall using Finite Element Method	International Journal of Education and Applied Research (IJEAR)	2014-15
53	Mr G Amar	Earthquake Resistant Design of Multi Storied Building (G+9)	International Journal of Advances in Engineering & Management (IJAEM)	2014-15
54	N Prasanna Latha	Strength Aspects of Glass Fibre Reinforced Concrete with Fly Ash	International Conference on International Association of Engineering	2014-15

			& Technology for Skill Development (ICAER)-2015	
55	T Kishore Kumar	Stabilization of Lateritic Soil by Using Agricultural Waste	International Conference on International Association of Engineering & Technology for Skill Development (ICAER)-2015	2014-15
56	Dr. P Siva Prasad	Experimental investigations on offshore structures – method of error analysis	International Journal of Civil Engineering and Technology (2012).–Published by Int. Association of Engg. & Management Educational, Chennai.	2012-13
57	Dr. P Siva Prasad	Design of Inter-connected multi-body offshore floating structural system	IUP Journal of Structural Engineering (2012). – ICFAI University press.	2012-13
58	Dr. P Siva Prasad	Offshore Compliant piled towers for oil & gas exploration	Proceedings of the third advances in Geo-sciences, Engineering & Technology, JNTU Kakinada(2012)	2012-13
59	V Sanjay Gokul	Toughness Characterization of flexural hybrid FRC Elements	Innovation of Materials by CSIR-SERC in Aadhi parasakthi Engineering College, Chennai(2013)	2012-13
60	Dr. P Siva Prasad	Experimental investigations on offshore structures – method of error analysis	International Journal of Civil Engineering and Technology(2012).–Published by Int. Association of Engg. & Management Educational , Chennai.	2012-13
61	Dr. P Siva Prasad	Design of Inter-connected multi-body offshore floating structural system	IUP Journal of Structural Engineering (2012). – ICFAI University press.	2012-13
62	Dr. P Siva Prasad	Offshore Compliant piled towers for oil & gas exploration	Proceedings of the third advances in Geo-sciences, Engineering & Technology, JNTU Kakinada(2012)	2012-13

Department of Computer Science and Engineering

S.No	Faculty Name	Title of the Paper	Details- Ref No. Year & Month	Academic Year
1	Mrs M Ragini	A Rigorous 2 Layer Epidemic Model for Malware Propagation in Large Scale Networks	International Journal of Advanced Technology & Innovative Research ISSN: 2348-2370 Vol-8 Issue-11, September-2016	2016-17
2	Mrs P Swathi	Analytics on Congruity of Earth Movers Coverage	International Journal for Modern Trends in Science and Technology ISSN:24553778, Volume 3, Special Issue 2, March 2017	2016-17
3	Mrs M Hima Jyothi	Analytics on Congruity of Earth Movers Coverage	International Journal for Modern Trends in Science and Technology ISSN:24553778, Volume 3, Special Issue 2, March 2017	2016-17
4	Mrs M Syamala	MCenKNN: A Modified Document Classifier Using R	International Journal of Engineering Science & Computing July-2016	2016-17
5	Dr. B Srinivasa Rao	Ascendable Architecture for Wandering Services in Social Networks	International Journal of Engineering Research and Development e-ISSN: 2278-067X, p-ISSN: 2278-800X Volume 10, Issue 8 (August 2014), PP.58-63	2015-16
6	Mr K Satheesh	Enterprise Cloud Computing Challenges and Relates Security Issues	Science & Technology The International Quarterly Journal ISSN:2394-3750 EISSN:2394-3769, 1 April 2015, PP:84-91.	2015-16
7	Mr K Satheesh	Cryptographic Access Control Schemes in Cloud Storage Services	Discovery The International Daily Journal ISSN: 2278-5469, EISSN: 2278-5450, 3February 2015, PP:34-39.	2015-16
8	Mr R Phani Kishore	Privacy Preserving Complemented Collaborative Tagging by Using Fuzzy Linguistic Multi Agent Model for Information Gathering on The Web	7th International Conference on Cloud Computing Computer Science and Advances in Information Technology- ICCCCIT 2015	2015-16

9	Mr R Phani Kishore	Information Security Using Human Visual Model in Stenography Applications	Innovative Trends in Information Technologies and Computing Sciences for Competitive World Order - CONFERENCE PUBLICATION IJRCSE (VOL-4, ISSUE - 4) ISSN: 2321-0338 (PRINT) IJRCSE/V4/4-824	2015-16
10	Dr. B Srinivasa Rao	Cloud Storage Security Interactive Proof System on Provable Data Possession using Audit Service	IJSETR ISSN 2319-8885 Vol.04, Issue 12, May 2015, Pages:2314-2317	2014-15
11	Mr K Satheesh	Attribute Based User Control Access for Cloud Storage Data	International Journal of Computer Trends and Technology ISSN:2231-2803, Volume 11 number 5-May 2014, PP:193-197.	2014-15
12	Mr P V Hari Prasad	Dynamic Authentication for DOS Attacks Using Snort Rule	International Journal of Engineering and Science Research SSN:2277-2685, Vol 5, May 2015,PP:370-375	2014-15
13	Mr N Ashok	Co-operative Riskless Data Publishing Using Cdpd In Multi Cloud	International Journal of Research in Computer and Communication Technology ISSN:2278-5841, Vol 3, Issue 8, August 2014, PP:910-914.	2014-15
14	Mr N Ashok	Protected Association Rule Mining on Outsourced Transaction Databases	International Journal of Engineering and Science Research ISSN:2277-2685, Vol 5, May 2015, PP:194-196	2014-15
15	Ms P Sunitha	Effective Usage of Randomized Multicast Distributes Node Location in Wireless Sensor Networks(Wsn)	International Journal of Research in Computer Science and Engineering ISSN:2321-0338, Vol-4, Issue-3,2014	2014-15
16	Mrs P Swathi	A Secure Online Application Safeguarding Data with Stegnography Based Watermarking	IJCTT ISSN:2231-5381/VOLUME 18/November 1Dec 2014	2014-15
17	Mrs M Ragini	Explication Search Results from Huge	International Journal of Science Engineering and Advance	2014-15

		Amount of Published Data	Technology SSN:2321-6905, Vol-2, Issue-9,2014, PP:403-406.	
18	Mrs M Ragini	Privacy Preserving of Publication Users Using Tuple Grouping Methods	International Journal of Engineering and Science Research ISSN: 2277-2685, May 2015, Vol:5, PP:363-369	2014-15
19	Mr A Satish Kumar	Effective Usage of Medinet in Hospitals to Increase the Security in Databases	International Journal of Research in Computer Science & Engineering (IJRCSE) Vol-4, Issue 3, May-June, 2014	2014-15
20	Mr A Satish Kumar	Gender-Driven Emotion Recognition System Using Speech Signals for Human Computer Intelligent Interaction	International Journal of Innovative Research in Computer Science & Technology (IJIRCST) ISSN: 2347-5552, Volume-3, Issue-3, May 2015	2014-15
21	Mr K Sandeep	Discover Allotment Using Virtual Machines	International Journal for Development of Computer Science & Technology (IJDCST) Oct 2014, Issue- V-2, I-7, SW-07, ISSN-2320-7884 (Online), ISSN-2321-0257 (Print)	2014-15
22	Mr K Sandeep	Characters Recongnization of Automobile License Plates on the Digital Image	International Journal of Engineering & Science Research Vol-5, Issue-5, May 2015, Pages: 302-309, ISSN 2277-2685	2014-15
23	Mr K Sandeep	Gender-Driven Emotion Recognition System Using Speech Signals for Human Computer Intelligent Interaction	International Journal of Innovative Research in Computer Science & Technology (IJIRCST) ISSN: 2347-5552, Volume-3, Issue-3, May 2015	2014-15
24	Mrs L N B.Jyotsna	Maximum Utility sets using Data streams	International Journal of Engineering and Science Research ISSN: 2277-2685, May 2015, Vol:5, PP:380-384	2014-15
25	Mrs L N B.Jyotsna	Efficient and Persistent Profile Matching in the Propinquity	International Journal of Computer Sciences and Engineering IJRCSE (VOL-2, ISSUE - 7) July 2014	2014-15

		Mobile Social Networks		
26	Mrs K Sandhya Rani	Effective Service Oriented Architecture for Interoperability of e-Services	Journal of Global Research in Computer Science SSN:2277 B128X, Volume-4, Issue 8, August-2014.	2014-15
27	Mrs S Naga Sindhu	Benefits and barriers of cloud computing	International Journal of Engineering and Science Research ISSN 2349-3755; Volume 1, Issue 6, 2014, pp.117-123	2014-15
28	Mr V V R Manoj	Privacy- Process Public Auditing & Documents Purity for Secure Cloud Storage	IJARCSSE International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE)Volume 4(10), ISSN: 2277 128X, October2014	2014-15
29	Mr V V R Manoj	Enhanced Face Recognition based on PCA and SVM	International Journal of Computer Applications (IJCA)Volume 117- NO.2, ISBN: 973-93-80886-46-3, May 2015.	2014-15
30	Mr V V R Manoj	Extensible and Privacy Distribution Phi in Cloud Computing Using Hierarchical Attribute-Based Encryption	International Journal of Engineering & Science Research (IJESR)Vol-5/Issue-5/316-321, ISSN 2277-2685, May 2015	2014-15
31	Mr Y Ashok	Cloud Data Protection as a service in Cloud	International Journal of Science Engineering and Advance Technology ISSN:221-6905, Vol-2<Issue-8, August 2014 ,PP:276-279	2014-15
32	Mrs M Sri Devi Sameera	Gender-Driven Emotion Recognition System Using Speech Signals for Human Computer Intelligent Interaction	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)ISSN: 2347-5552, Volume-3, Issue-3, May 2015	2014-15
33	Mrs U Sirisha	Access Control in Cloud Computing Based on Broad Cast Group Key Management	International Journal of Engineering and Science Research ISSN: 2319-8885, vol-4 issue-2, Jan 2015	2014-15
34	Mrs M Hima Jyothi	Secured Profile in Social Networks	International Journal of Engineering and Science	2014-15

		using Machine Learning	Research ISSN:2277-2685, May 2015, PP:173-178	
35	Mr K Satheesh	Data Authentication and Integrity Verification Techniques for Trusted /Untrusted Cloud Servers	International Conference on Advances in Computing, Communications and Informatics 978-1-4799-3080-7/14(ICACCI),2014	2014-15
36	Mr P V Hari Prasad	Stipulated Ranking Technique for Image Search Engines	International Journal of Computer Science and Information Technologies ISSN:0975-9646, Vol 5(4),2014, PP:5720-5723	2014-15
37	Mr K Sandeep	Development of a prototype based on the Nintendo Wiimote to enhance standard projector based presentations with white board functionality	IEEE International Conference on HUMAN COMPUTER INTERACTIONS (ICHCI 23rd & 24th August 2013	2013-14
38	Mr K Sandeep	Smart Doorbell based on Standard Low Cost Affordable Components	IEEE International Conference on HUMAN COMPUTER INTERACTIONS (ICHCI)23rd & 24th August 2013	2013-14
39	Mrs N Sri Lakshmi	An Improved IP traceback Mechanism for Network Security	IJRET ISSN:2319-1163, Aug-2013, Volume:2, Issue:8, PP-80-83	2013-14
40	Dr. B Srinivasa Rao	Non-Linear Filter Design in Spatial Domain for High Density Impulse Noise Removal	International Journal of Computer Science and Technology SSN: 0976-8491 Vol. 3, Issue 3, July - Sept. 2012	2012-13
41	Mrs P Swathi	Utilization of Timestamp Records for a Hospital Centralization With Consideration of Emergency Cases	International Conference on Computer Science and Engineering IRNET-Conference 2012, Vizag	2012-13
42	Mrs M Ragini	Detection of Blood vessels in Breast Using Matched Filters	International Journal of Computer Science & Information Technology IJCSIT, ISSN-2044-6004, VOL-3, FEB 2012, PAGE:32-37	2012-13

43	Mrs M Ragini	“Ranking and Suggesting Popular item sets in Mobile Stores Using Modified Apriori Algorithm	International Journal of Engineering IRNET-Conference 2012, Vizag	2012-13
44	Mr K Sandeep	Node Security Mechanisms for Secure Embedded Systems	International Journal of Information & Computation Technology (IJICT)volume. 3, Number 9, pp. 734-736, ISSN 0974-2239, March 2013	2012-13
45	Mr K Sandeep	Extraction of Visual and Acoustic Features of The Driver For Real-Time Driver Monitoring	International Journal of Advances in Engineering & Technology (IJAET)vol. 3, Issue 1, pp. 322-333, ISSN 2231-1963, March 2012	2012-13
46	Mr K Sandeep	Secured Auditing of Outsourced Data using Linear Programming in Cloud	IJCSIT) International Journal of Computer Science and Information Technologies Vol. 3 (4), 2012,4785 - 4789, ISSN:0975-9646, August 2012	2012-13
47	Mr R Phani Kishore	Node Security Mechanisms for Secure Embedded Systems	International Conference on Computer Science and Engineering - CONFERENCE PUBLICATION	2012-13
48	Mr R Phani Kishore	A Heuristic AO Star Approach for Decision Tree Induction	International Conference on Computer Science and Engineering - CONFERENCE PUBLICATION IRNET-ICCSE conference 2012, Vizag	2012-13
49	Mr R Phani Kishore	Utilization of Timestamp Records for a Hospital Centralization With Consideration of Emergency Cases	International Conference on Computer Science and Engineering - CONFERENCE PUBLICATION	2012-13
50	Mr R Phani Kishore	“Ranking and Suggesting Popular Item sets in Mobile Stores Using Modified Apriori Algorithm	International Journal of Engineering IRNET-Conference 2012, Vizag	2012-13
51	Mr D Ratna Kishor	Online Anomaly Detection under	IJSR International Journal of Science and Research ISSN: 2319-7064	2012-13

		Over-sampling PCA		
52	Mrs K Sandhya Rani	Potential Role of Social Networks in Health Care Information Exchange	International Journal of Computer Applications 58(7): 38-42vol 1.9 - 2012	2012-13
53	Mrs K Sandhya Rani	Classification of Vertebral Column using Naïve Bayes Technique	International Journal of Advance Research in Computer Science and Software Engineering volume 58(7): 38-42, 9298-3514	2012-13
54	Mrs M Hima Jyothi	A New Decision Tree Classifier for Mining Huge Data set	International Journal of Emerging Trends in Engineering and Development ISSN:2249-6149, Sep 2012, Issue-2, Vol:6	2012-13
55	Mrs S Praneetha	“Ranking and Suggesting Popular Item sets in Mobile Stores Using Modified Apriori Algorithm	International Journal of Engineering RNET-ICCSC CONFERENCE 2012, VIZAG	2012-13
56	Mrs B Swathi	A Review on Stenography Using Images	Asian journal of computer science and Information technology AJCSIT Vol-2, Issue -2 , June-2012	2012-13
57	Mrs L N B.Jyotsna	Utilization of Timestamp Records for a Hospital Centralization With Consideration of Emergency Cases	International Conference on Computer Science and Engineering - CONFERENCE PUBLICATION IRNET-Conference 2012, Vizag	2012-13
58	Mr D Ratna Kishore	Human Activity Recognition Based on Image Segmentation	(IJRCSE)international journal of research in computer science engineering SSN: 2321-5585	2012-13
59	Mr V V R Manoj	A Novel Interval Type-2 Fuzzy Software Effort Estimation Using Takagi-Sugeno Fuzzy Controller	International Journal for Modern Engineering Research(IJMER)Vol 2 (5), 3245-3247, ISSN: 2249-6645, SEP-OCT 2012	2012-13
60	Mr P Siva Naga Raju	Dissolution of secret sharing as meaningful shares & review on extended visual	National Conference on recent trends in IT 2013 22nd Feb 2013	2012-13

		cryptography scheme		
61	Dr. B Srinivasa Rao	Generation of Random Fields for Image Enhancement and Reconstruction	International Journal of Computer Science Issues Vol. 8, Issue 5, No 1, September 2011 ISSN (Online): 1694-0814	2011--12
62	Dr. B Srinivasa Rao	High Density Noise Removal Techniques Using Different Nonlinear Filter Designing Methods	International Journal of Graphics & Image Processing Vol 1 issue 2 November, 2011	2011-12
63	Dr. B Srinivasa Rao	Unsupervised Image Thresholding using Fuzzy Measures	International Journal of Computer Applications Volume 27– No.2, August 2011	2011-12
64	Mr K Sandeep	Extraction of Visual and Acoustic Features of the Program for Monitoring the Driver Ergonomics in Extended Application to Driver Assistance Systems	3rd Lakeside International Conference 2010 2010 held at Villach, Austria.	2010-11
65	Mrs B Swathi	A Frame Work for Mining Evolving User Profile on Web Usage	International Journal of Graphics & Image Processing IJGIP AJCSIT Vol-2, Issue-2 ,May 2012	2011-12
66	Mrs B Swathi	Improving Sementic Web Service Composition Performance using Apriori Algorithm	AJCSIT Vol-2, Issue -2, May 2012	2011-12
67	Mrs S Praneetha	Detection of Blood vessels in Breast Using Matched Filters	International Journal of Computer Science & Information Technology IJCSIT, ISSN-2044-6004, VOL-3, FEB 2012, PAGE:32-37	2011-12
68	Dr. B Srinivasa Rao	A Novel Edge Detection Technique using	International Journal of Advanced Research in Computer Science ISSN No. 0976-5697,	2011-12

		Gray-Level Spatial Correlation based on Statistical Parameters	Volume 2, No. 4, July-August 2011,	
69	Mr A Satish Kumar	Managing Information Overload in distributed Computing Environment	National Conference on Distributed Computing December 23-24,2010	2010-11
70	Mr A Satish Kumar	A study of Detecting Outliers and Change Points in Data Mining	National Conference on Data Mining & Data Warehousing December 04-05,2009	2009-10
71	Dr. B Srinivasa Rao	A Novel Method for Aquamarine Learning Environment for Classification of Fish Database	International Journal of Computer Science & Communication Vol. 1, No. 1, January-June 2010, pp. 87-89	2009-10
72	Dr. B Srinivasa Rao	A Robust Optimal Morphological Filter To Remove Impulse Noise in Images	International Journal of Information Technology and Knowledge Management July-December 2010, Volume 2, No. 2, pp. 237-239	2009-10

Department of Electronics and Communication Engineering

SNo	Faculty Name	Title of the Paper	Details- Ref No. Year & Month	Acad emic Year
1	Dr. G L Madhumati	FPGA based wireless electronic security system with sensor interface through GSM	Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645, E-ISSN: 1817-3195, 31 st July 2016. Vol.89. No.2,PP. 489-494	2016 -17
2	Dr. G L Madhumati	Design of Dynamically Reconfigurable Input/output Peripheral based Wireless System	Indian Journal of Science and Technology , Vol 9(30), DOI: 10.17485/IJST/2016/v9i30/98694, August 2016, ISSN (Print): 0974-6846 ,ISSN (Online) : 0974-5645,Vol 9 (30),August 2016,pp.1-9	2016 -17
3	Dr. G L Madhumati	Design of Substantial Delay Block using Voltage Scaled CMOS	2016 International Conference on Microelectronics, Computing and Communications	2016 -17

		Inverter and Transmission Gate blend	(MicroCom), IEEE Conference Publications: 978-1-4673-6621-2/16/\$31.00 ©2016 IEEE, Pages: 1- 6, DOI: 10.1109/MicroCom.2016.7522463	
4	Mr K Satya Kiran	Power Efficient Modulo Convolution	International Conference on Inventive Competition Technologies (ICICT 2016), 26 th -27 th August 2016, Coimbatore.	2016-17
5	Mr K Suresh Babu	Non-Linear Denoising of Images using Wavelet Transform	International Journal of Computer Applications (0975 – 8887), Volume 148 – No.10, August 2016	2016-17
6	Mr S Chandra Sekhar	Systematic Error Correcting Codes Implementation for Matching of Data Encoded	International Journal of Professional Engineering Studies (IJPRES) Volume -8, Issue-2, January 2017. www.ijpres.com	2016-17
7	Mr M Tulasidas	New framework to enhance the quality of image using gradient domain guided image filtering	International conference on contemporary engineering and technology-2017.March 2017	2016-17
8	Mr M Tulasidas	Multilevel local extrema method on medical image processing	International conference on contemporary engineering and technology-2017. March 2017.	2016-17
9	Mr V Subba Raju	FPGA Implementation of 32-Bit Partially Parallel Encoder Architecture for Long Polar Codes	International Journal of Research(IJR), P-ISSN: 2348-6848 E-ISSN: 2348-795X Volume 03 Issue 18 December 2016.	2016-17
10	Mrs T Haritha	Design and Implementation of Flexible Computational Unit Using Carry Save Adder	International Journal of Professional Engineering Studies(Ijpres), Volume VII /Issue 5 / Nov 2016.	2016-17
11	Mrs M Mythri	FFT Implementation of Multi-Precision Based Dynamic Voltage Scaling Multiplier with Operands Scheduler	International journal & magazine of Engineering, Technology, Management and Research (IJMETMR). ISSN:2348-4845, Volume.03, Issue No.12,	2016-17

			December-2016, Pages: 407-411	
12	Dr.G L Madhumati	Area-Power Efficient Shift Register Using Non-overlap Delayed Pulsed Clock	International Journal for Technological Research in Engineering(IJTRE), Volume 4, Issue 4, December-2016, ISSN (Online): 2347 - 4718	2016-17
13	Mr K Suresh Babu	Design of low Power All Digital Phase Locked Loop for SerDes	International Journal of VLSI System Design and Communication Systems(IJVDCS) Volume.04, IssueNo.10, October-2016, Pages: 0999-1003	2016-17
14	Mrs K Lakshmi Sowjanya	Implementation of RISC Processor Using Radix-4 & Radix-8 Booth Encoded Multi-Modulus Multipliers	International journal& magazine of Engineering, Technology, Management and Research (IJMETMR). ISSN:2348-4845, Volume.03, Issue No.10, October-2016, Pages: 1631-1634	2016-17
15	Mr A Sivannarayana	FIR Filter Implementation Using Novel Modulo $2n-2k-1$ Adder for RNS	International journal& magazine of engineering, technology, management and research (IJMETMR). ISSN:2348-4845, Volume.03, Issue No.10, October-2016, Pages: 1626-1630	2016-17
16	Mrs K Lakshmi Sowjanya	Low Power and Area Efficient Fused Floating Point FFT Architecture	International journal of scientific engineering and technology, ISSN 2319-8885 Vol.04 ,Issue.25, July-2015, Pages:4738-4740	2015-16
17	Mr K Rama Koteswara Rao	Implementation of Single Precision Floating Point Multiplier	International Journal & Magazine of Engineering Technology, management and Research (IJMETMR), Vol.2, Special issue:9, pp. 2348-4845, September 2015.	2015-16
18	Dr. G L Madhumati	Implementation and Verification of I ² C Single Master Multiple Slave Bus Controller using SystemVerilog and UVM	International Journal of VLSI System Design and Communication Systems, Management and Research (IJVDCS), Vol.03, Special	2015-16

			issue.08, pages. 1239-1243, October-2015.	
19	Mr S Chandra Sekhar	128 Bit Parallel Prefix Tree Structure Comparator	International Journal of Research in Engineering and Science (IJRES), Volume 3 Issue 10, October. 2015. ISSN (Online): 2320-9364, ISSN (Print): 2320-9356.	2015-16
20	Mr A Sivannarayana	FFT Design Using Reliable Multiplier with Adaptive Hold Logic	International journal and magazine of engineering and technology, management and research, ISSN:2348-4845 PP: 1178-1185, Volume 2, Issue 10, Oct 2015.	2015-16
21	Mr K Suresh Babu	Low Power Efficient MAC Unit using Proposed Carry Select Adder	International journal and magazine of Engineering and Technology, Management and Research, ISSN:2348-4845 PP: 1186-1191, Volume 2, Issue 10, Oct 2015	2015-16
22	Mr S Chandra Sekhar	Direct Design of Reversible Combinational and Sequential Circuits Using PSDRM Expressions	International Journal of Research in Engineering and Science (IJRES), Volume 3 Issue 11, November. 2015. ISSN (Online): 2320-9364, ISSN (Print): 2320-9356.	2015-16
23	Mr M Tulasidas	Steganography based secret image sharing using block division technique	Presented a paper at computational intelligent and communication networks (CICN-2015), Jabalpur on 12 th to 14 th Dec 2015	2015-16
24	Dr. G L Madhumati	Wireless Secured Data Transmission using Cryptographic Techniques through FPGA	International Journal of Engineering and Technology (IJET), e-ISSN: 0975-4024, p-ISSN: 2319-8613 Vol 8 No 1 Feb-Mar 2016, pp. 332-338	2015-16
25	Mr P Krishna Reddy	Reduction of Static Power by using Biasing and Body Biasing Techniques	International Journal of Scientific Engineering and Technology Research Volume.05, IssueNo.06, March-2016, Pages: 1008-1014, ISSN 2319-8885	2015-16
26	Mr V Amareswar	Implementation of WG Stream Cipher using	Advances in Electrical and Computer Engineering ISSN: 1582-7445, pp.169-174	2015-16

		Encryption and Decryption Algorithm		
27	Dr. G L Madhumati	Zig Bee Based Wireless Data Transmission with LDPC codes using FPGA	International Journal of Engineering and Technology (IJET), e-ISSN : 0975-4024,p-ISSN : 2319-8613 Vol. 8 No 2 April-May 2016 pp. 653-659.	2015-16
28	Mr S Chandra Sekhar	A prototype controlling of barrage gates using Ardino under flood conditions	IET& IEEE 3 rd International conference on Electrical, Electronics, Engineering trends, Communication, optimization and sciences(EEECOS-2016) organized by Sasi Inst. Of Tech. & Engg., Tadepalligudem, West Godavari during 1 st to 2 nd June 2016	2015-16
29	Mr S Chandra Sekhar	Performance analysis of image fusion for different wavelet families	IEEE International conference on innovation in information embedded and communication systems (ICIIECS'16) organized by Karpagam College of Engg., Coimbatore held in March 2016.	2015-16
30	Mr V Amareswar	"Design of Error detection and data recovery architecture for motion Estimation"	International Journal of VLSI System Design and communication systems, ISSN 2322-0929 Vol.02, Issue.09, November-2014, Pages:0928-0932	2014-15
31	Mr K Suresh Babu	"Design and implementation of an enhanced and power optimized correlator in OFDM applications "	International Journal of Scientific Engineering and Technology Research, ISSN 2319-8885, Volume.03, IssueNo.45, December-2014, Pages: 9246-9248	2014-15
32	Mr A Gowtham Kumar	"A small size CPW FET five slot antenna for UWB application"	International Journal of Engineering & Science Research, ISSN 2277-2685 IJESR/October 2014/ Vol-4/Issue-10/634-637	2014-15
33	Mr P Krishna Reddy	Establishing low latency ETI encoder for low power application	International Journal of Scientific Engineering and Technology Research, ISSN 2319-8885 Vol.03, Issue.39 November-2014, Pages:7978-7981	2014-15

34	Mrs T Haritha	"Intelligent irrigation control system"	SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) – volume1 issue10 Dec 2014, Pages: 25-31	2014-15
35	Mr V Venkatesh	"Robust Document in image binarization technique for degraded document images "	International Journal of Advanced Technology and Innovative Research Volume. 06, IssueNo.08, October-2014, Pages: 765-769	2014-15
36	Dr. G L Madhumati	“FPGA Implementation of SIFT Algorithm Using Xilinx System Generator”	International Journal of Emerging Trends in Electrical and Electronics (IJETEE – ISSN: 2320-9569) Vol. 10, Issue. 10, Oct. 2014, Pages-80-85	2014-15
37	Mr P Rama Krishna	An efficient low power current comparison based domino logic	International Journal of Research and development in science and technology Volume 1 Issue 2, may. 2015.pp 26-32, ISSN (print): 2350-4751, ISSN (online): 2350-4751.	2014-15
38	Mrs M Mythri	An enhanced logarithmic Number system adder/subtractor for low power DSP applications	International Journal of Research and development in science and technology Volume 1 Issue 2, june. 2015.pp 19-25 ISSN (print): 2350-4751, ISSN (online): 2350-4751.	2014-15
39	Mr S Chandra Sekhar	Implementation and Design of AES S-Box on FPGA	International Journal of Research in Engineering and Science (IJRES), Volume 3 Issue 1, Jan. 2015. ISSN (Online): 2320-9364, ISSN (Print): 2320-9356.	2014-15
40	Mr P Krishna Reddy	Analysis of Elliptical and Circular Patch Antennas in presence of HIS.	IJSETR/Volume 2, Issue 5, May 2013, ISSN: 2278-7798, PP 1194	2013-14
42	Mr P Veera Swamy	Design and Analysis of DS-CDMA detected multi path signal using rake receiver simulator for wireless communication	IJCER, Volume 3, Issue 7, ISSN: 2250-3005, PP.26	2013-14
43	Mrs T Haritha	Wireless Sensors & Video Networks (WSVN) For indication of fungus	International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622, Vol. 2, Issue 3,	2013-14

		affected plants in an Agricultural Field	May-Jun 2012, pp.1388-1390	
44	Mrs T Haritha	Design and Implementation of Communication and Warning Sub-Systems of a Chemical Detector	International Journal of Electronics Communication and Computer Engineering Volume 4, Issue 3, ISSN (Online): 2249-071X, ISSN (Print): 2278-4209	2013-14
45	Mrs T Haritha	A Survey on Chemical Agent Detectors	International Journal of Engineering Research & Technology (IJERT) Vol. 2 Issue 3, March - 2013 ISSN: 2278-0181	2013-14
46	Mrs T Haritha	An Introduction to Wireless USB Flash Devices	International Journal of Engineering Trends and Technology (IJETT) - Volume4Issue4- April 2013 ISSN: 2231-5381 Page 924	2013-14
47	Mr K Satya Kiran	Design and modelling of Modulo Multipliers using RNS	National Conference on Innovations in Engineering & Technology (NCIET-2013) at Gudlavalleru Engineering College, Gudlavalleru, December 2013	2013-14
48	Dr. G L Madhumati	HDL Implementation & Performance Comparison of various Filtering Techniques Using FPGA	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 18 (2014) pp. 5085-5094.	2013-14
49	Dr. G L Madhumati	Real Time Delay Application for Digital Circuits with Peripheral Based Digital Clock Using FPGA	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 18 (2014) pp. 5115-5123.	2013-14
50	Dr. G L Madhumati	Edge detection modeling through reconfigurable devices in image processing applications using XPS	International Conference on Devices, Circuits and Systems – ICDCS 2014, Department Of ECE, Karunya University, Coimbatore, India	2013-14
51	Dr. G L Madhumati	Data Hiding Using EDGE Based Steganography	International Journal of Emerging Technology and Advanced Engineering (IJETAEE-2013), Volume 2, Issue 11, November 2012, ISSN 2250-2459.	2012-13
52	Dr. G L Madhumati	An improved high speed FPGA hardware design	IEEE International Conference on Advanced	2012-13

		for edge detection algorithm using XPS in Image Processing Application	Research in Engineering & Technology (Ieee – Icaret-2013) Organized by KI University Vaddeswaram During 8-9 Feb 2013	
53	Dr. G L Madhumati	Integrating Xilinx system generator simulink with ISE & hardware software co-synthesis using FPGA	Ieee International Conference on Advanced Research in Engineering & Technology (Ieee – Icaret-2013) Organized by KI University Vaddeswaram During 8-9 Feb 2013	2012-13
54	Mr K Rama Koteswara Rao	Data Hiding Using EDGE Based Steganography	International Journal of Emerging Technology and Advanced Engineering (IJETAEE-2013), Volume 2, Issue 11, November 2012, ISSN 2250-2459.	2012-13
55	Mrs D Subhavya	“whispered speech identification in low performance non-unvoiced consonants using NFCC & LFCC algorithms “	International Journal of Engineering Research and Technology, September - 2012	2012-13
56	Mr V Subba Raju	“An Efficient Pattern Matching Algorithm for Assured Detection in High Complex Data Bases”	International Journal of Engineering Research and Technology	2012-13
57	Mr M Purna Kishore	“LUT optimization for memory based computation Using VHDL.	International Journal of Engineering Research and Technology, September - 2012	2012-13
58	Mrs V B S Nagini	“whispered speech identification in low performance non-unvoiced consonants using NFCC & LFCC algorithms “	International Journal of Information Technology Modeling & Computing Feb. -2013.	2012-13
59	Mr V Subba Raju	An Adaptive Randomized Matching Algorithm For Assured Detection in High Complex Data Bases	IJARS (international journal of advanced research), vol 1, Issue 1, Jun-Aug 2013, pp. 125.	2012-13

Electrical and Electronics Engineering

S.No	Faculty Name	Title of the Paper	Details- Ref No. Year & Month	Academic Year
1	Dr. Y Kusuma Latha	Soft Switching of Interleaved Boost Converter Fed PMBLDC Motor Using PI and Fuzzy Controllers	Journal of Electrical Engineering (Accepted).	2016-2017
2	I Sai Ram	Optimal setting of FACTS devices for voltage stability improvement using PSO adaptive GSA hybrid algorithm	Engineering Science and Technology, an International Journal(Elsiver)	2016-2017
3	Dr.Y.Kusumalatha	Novel Zero Voltage Transition Based Interleaved Boost Converter	AISC Series of Springer books of this series- March 10 -11, 2016. (Accepted)	2016-2017
4	Dr.Y.Kusumalatha	A Fuzzy logic control strategy for Buck PFC converter based 4-switch VSI fed BLDC motor drive	International Journal of Electrical and Computer Engineering (Accepted).	2016-2017
5	I Sai Ram	A Two Stage Hybrid Optimization Approach to improve Transmission system performance using FACTS Controllers under Open access Environment	International journal of Grid and Distributed and computing (Scopus)	2016-2017
6	I Sai Ram	“A Multi-Objective Hybrid Heuristic Approach for Optimal Setting of FACTS Devices in Deregulated Power System” Jul. – Aug. 2016	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) (Scopus)	2016-2017
7	P T Krishna Sai	“Overview of shunt active filter used for reduction of harmonics in 3-phase 3-wire system	International Journal on Engineering and technology (IJER)ISSN:2319-6850 Volume 5 Issue 6 2016	2016-2017
8	Dr.Y.Kusumalatha	An Interleaved Boost Converter Based PFC Control Strategy for BLDC motor	International Journal of Electrical and Computer Engineering (IJECE),Vol 5,No 5,pp.957-966 October, 2015	2015-2016

9	P T Krishna Sai	Power Quality Improvement by 11 Level Multilevel Inverter with Reduced Number of Switches	International Journal on Engineering and technology (IJER)ISSN:2319-6850, 2015	2015-2016
10	Dr.Y.Kusumalatha	Comparison between an Interleaved Boost Converter and CUK Converter fed BLDC motor	International Journal of Power Electronics and Drive System(IJPEDS) Vol. 6, No. 3, September ,2015, pp. 594~602 ISSN: 2088-8694.	2015-2016
11	L Shanmukha Rao	Design of Robust Controller for Load Frequency Control in Deregulated Hydro-Thermal System Using Sliding Mode Controlled Strategies	International Review on Modelling and Simulations (I.RE.MO.S.), Vol. xx, n. x June 2013	2013-2014
12	P Deepthi	A Novel High Performance of Nine-Level CHB Type DSTATCOM with Power Quality Improvement Features	International Journal of Power System Operation and Energy Management ISSN: 2319-8885, Volume-4, Issue-3, 2014	2014-2015
13	M Sirisha	Voltage Sag Compensation Using Fuzzy Control Strategy fed DVR for DG Application	International Journal of Electrical and Electronics Engineering (IJEED) ISSN: 2319-8885 Volume-4, Issue-5, 2014	2014-2015
14	Dr. Y Kusuma Latha	Soft Switching Control Strategy Based On Interleaved Boost Converter for BLDC Motor Drive	International Journal of Power Electronics and Drive System (IJPEDS) Vol. 6, No. 3, September, 2015, pp. 516~523 ISSN: 2088- 8694.	2014-2015
15	Dr. Y Kusuma Latha	PFC-Based Control Strategies for Four Switch VSI fed BLDC Motor	Indian Journal of Science and Technology, Vol 8,Issue 16,pp.1-6,July 2015	2014-2015
16	Dr. Y Kusuma Latha	A %THD Analysis of Industrial Power Distribution Systems with Active Power Filter-Case Studies	International journal of power and Energy systems (IJPES -2705), Vol.60, No.1, September 2014, pp. 107-120, Elsevier	2013-2014
17	J Vara Prasad	Optimal Re-dispatch for Congestion Relief in Deregulated Power System	International Journal of Systems, Algorithms & Applications	2012-2013

18	L Shanmukha Rao	IMPROVEMENT OF Dynamic Performance of Three Area Hydro-Thermal System Interconnected With Ac-Tie Line Parallel with HvdC Link In Deregulated Environment	International Journal of Advances in Engineering & Technology, July 2012	2012-2013
19	Dr. Y Kusuma Latha	Unified Power Quality Conditioner for voltage sag and harmonic mitigation of nonlinear loads	International Journal of Power Electronics and Drive Systems (IJPEDS), Vol.1, No.1, September 2011, pp. xx~xx, ISSN: 2088-8694	2011-2012
20	Dr. Y Kusuma Latha	Control Strategy for Three Phase Shunt Active Power Filter with Minimum Current Measurements	International Journal of Electrical and Computer Engineering (IJECE), Vol.1, No.1, September 2011, pp., ISSN: 2088-8708	2011-2012
21	Dr. Y Kusuma Latha	Harmonic Mitigation of Industrial Motor Drives with Active Power Filter in Cement Plant	A Case Study”, International Journal of Power Electronics and Drive Systems (IJPEDS), Vol.2, No.1, March 2012, pp. 31~38, ISSN: 2088-8694	2011-2012
22	J Vara Prasad	A Novel Approach for Optimal Location of SVC in an Open Access Power Market	International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622	2011-2012
23	V Bindu	HYBRID ACTIVE POWER FILTER USING FUZZY DIVIDING FREQUENCY CONTROL METHOD	International Journal of Advances in Engineering & Technology, Jan 2012	2011-2012
24	I SaiRam	HYBRID ACTIVE POWER FILTER USING FUZZY DIVIDING FREQUENCY CONTROL METHOD	International Journal of Advances in Engineering & Technology, Jan 2012	2011-2012
25	L Shanmukha Rao	RECENT PHILOSOPHIES OF AGC OF A HYDRO-THERMAL SYSTEM IN DEREGULATED ENVIRONMENT	International Journal of Advances in Engineering & Technology, Jan 2012	2011-2012

26	I Sai Ram	Genetically Optimized FACTS Controllers for Available Transfer Capability Enhancement	International Journal of Computer Applications (0975 – 8887) Volume 19– No.4, April 2011	2010-2011
27	Dr. Y Kusuma Latha	Distributed Active Filters for effective Harmonic reduction and Load balancing in Power Distribution Systems	International Journal of Electrical Engineering Vol:03,No:1,June 2010,pp85-98	2010-2011
28	Dr. Y Kusuma Latha	A New Approach for Shunt active Power Filters for Load Balancing in Electrical Distribution Systems	International Journal of power and energy system, Vol:02,No:1,Nov 2010,pp47-61	2010-2011
29	Dr. Y Kusuma Latha	Comparison of control strategies of an active filter under nonsinusoidal conditions	International Journal on Electronics and Electrical Engineering(IJEEE) Vol:02,No:2,Nov 2008-Jan 2009,pp64-76	2008-2009

Department of Mechanical Engineering

S.No	Faculty Name	Title of the Paper	Details- Ref No. Year & Month	Academic Year
1	Mr N Karteek	Random vibration Analysis of mechanical hardware of Flight data recorder	APRN journal of Engineering and Applied Sciences	2015-16
2	Mr N Karteek	Harmonic Analysis of mechanical hardware of Flight data recorder	National Journal of Technology	2015-16
3	Mr N Karteek	Harmonic analysis of wrist mechanism of robot manipulator	IOP Conference Series: Materials Science and Engineering	2015-16
4	Mr N Karteek	Buckling analysis of a ring stiffened hybrid composite cylinder	IOP Conference Series: Materials Science and Engineering	2015-16
5	Mr V Diwakar	Analysis of Inner Rotor in a Georotor	IJSRP	2015-16
6	Ms K Priya Sudha	Deformation homogeneity, mechanical behaviour and strain hardening characteristics of titanium severe plastically deformed by cyclic channel die compression method ”	Journal of Materials and Design	2015-16

7	Ms M Siva Durga Ajetha	Four wheeler rocker arm with different materials using FEA	International Journal of Scientific Engineering technology research	2015-16
8	Dr. Ravi Kadiyala	Effect of engine performance on nozzle variation for a bio fueled di diesel engine	Discovery The international Daily Journal ISSIN 2278-5469 EISSN 2278-5450 DISCOVERY ,2015,28(103),40-47	2014-15
9	Dr. Ravi Kadiyala	Effect of engine performance on nozzle variation for a bio fueled di diesel engine	Discovery Conference ISSIN 2278-5469 EISSN 2278-5450 DISCOVERY ,2015,28(103),40-47	2014-15
10	Mr J Surendra	Effect of engine performance on nozzle variation for a bio fueled di diesel engine	Discovery The international Daily Journal ISSIN 2278-5469 EISSN 2278-5450 DISCOVERY ,2015,28(103),40-47	2014-15
11	Mr J Surendra	Effect of engine performance on nozzle variation for a bio fueled di diesel engine	Discovery Conference ISSIN 2278-5469 EISSN 2278-5450 DISCOVERY ,2015,28(103),40-47	2014-15
12	Mr V Dwakar	Buckling Analysis of Composite Cylinders Subjected to Axial Compressive Loads	International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 IJERTV4IS040743 www.ijert.org (This work is licensed under a Creative Commons Attribution 4.0 International License.) Vol. 4 Issue 04, April-2015	2014-15
13	Dr. Ravi Kadiyala	Experimental Studies on SI Engine Using Plastic Petrol Derived From Waste Plastic	International Journal of Thermal Technologies Volume 2 No 2 June 2012 ISSN NO:2277-4114	2012-13
14	Mr G Jitendra	Evaluation of Flexural Properties of Fly Ash Filled Polypropylene Composites	International Journal of Modern Engineering Research (IJMER) Vol.2, Issue.4, July-Aug2012 pp-2584-2590 ISSN: 2249-6645	2012-13
15	Mr V Diwakar	Design & Stress Analysis of 6-Cylinder Crank Shaft	International journal of Mathematical Sciences, Technology and Humanities	2012-13

		by Using Catia & Ansys	Volume 2, Issue 5, Pages: 894 - 907 ISSN-2249 5460	
16	Mrs C Sasi Rekha	Stress Analysis of FRP Composite Cylinder with Closed Ends	International Organisation of Scientific Research Volume 9, Issue 6 Pages 1-6 e-issn 2278-1684, p-issn: 2320-334X Nov-Dec 2013	2012-13

Department of Basic Science and Humanities

S.No	Faculty Name	Title of the Paper	Details- Ref No. Year & Month		Academic Year
1	Mr B Srinivas Rao	Communication Barriers	Orays Publications RESEARCH JOURNAL OF ENGLISH	Volume-1 Issue No-1 2016	2016-17
2	Dr. Ch Leelavathi	Physico-Chemical characterization of underground water of Autonagar, Krishna (Dt), India.	International Journal Development for Engineering and Research (IJDER)	Volume 4 Issue 2 ISSN 2321-9939 Pp1324-1328	2016-17
3	Dr. Ch Sri Lakshmi	Determination of cilazapril in micrograms concentration using spectrophotometry	e-Journal of Science & Technology (e-JST)	11 (2), 2016	2016-17
4	Dr. Ch Sri Lakshmi	Studies on Selected Heavy Metal Pollution on Fresh Water Fishes from Krishna River near Ibrahimpatnam (Md), Krishna (Dt), India	Life Sciences International Research Journal	Volume 3 Issue 2 ISSN 2347-8691	2016-17
5	Dr. BVSN Hari Prasad	Lie Algebraic Approach to the Vibrational Spectra of Hydrogen Sulphide (H ₂ S)	Advances in Theoretical and Applied Mathematics	ISSN 0973-4554 Volume 11, Number 2 (2016), pp. 131-136	2016-17
6	Dr. BVSN	Vibrational Frequencies of	Oriental journal of chemistry	2016, Vol. 32, No. (3): Pg. 1717-1719	2016-17

	Hari Prasad	PH3 and NF3: Lie Algebraic Method			
7	Dr. M Nagarjuna	The influence of Ag ₂ O on the dielectric properties of LiF–CaO–B ₂ O ₃ glasses	Phys. Chem. Glasses: Eur. J. Glass Sci. Technol. B,	December 2015, 56 (6), 271–277	2015-16
8	Mrs K A Sasikala	The influence of Ag ₂ O on the dielectric properties of LiF–CaO–B ₂ O ₃ glasses	Phys. Chem. Glasses: Eur. J. Glass Sci. Technol. B,	December 2015, 56 (6), 271–277	2015-16
9	Mrs M Silpa	The influence of Ag ₂ O on the dielectric properties of LiF–CaO–B ₂ O ₃ glasses	Phys. Chem. Glasses: Eur. J. Glass Sci. Technol. B,	December 2015, 56 (6), 271–277	2015-16
10	Dr. K Deepti	Determination of clopidogrel by visible spectrophotometry in pure form and pharmaceutical formulations	J. Indian Chem. Soc.,	Vol. 93, February 2016, pp. 1-8	2015-16
11	Dr. Ch Sri Lakshmi	“A study on evaluation of Serum Uric acid in Normal and Hypertensive patients”	Asian Journal of Biochemical and Pharmaceutical Research	Issue 2 (Vol. 4) July 2014 ISSN: 2231-2560	2014-15
12	Mr Ch V S Sankara Rao	“Postcolonial Socio-cultural aspects in V. S. Naipaul’s A House for Mr. Biswas”	Research Chronicler ISSN 2347–503X International Multidisciplinary Research Journal	Volume II Issue V: July 2014 (82)	2014-15
13	Mrs V Vasanthi	Multifaceted Perspectives of Shashi Deshpande’s women in ‘The Binding Vine’	International journal of English: Literature, Language & Skills ijells,	issn 2278 0742, Volume- 3 issue 2, july 2014	2014-15

14	Mrs V Vasanthi	The Struggle for Identity in Anita Desai's Bye-Bye Blackbird	The Criterion an International Journal in English	ISSN: 0976-8165 Aug 2014 Volume-5 Issue -4	2014-15
15	Mrs V Vasanthi	Akhila's Escape to Kanyakumari – a Travel in Search of 'Self'	International Multidisciplinary Research journal	ISSN-2347-503X Volume III Issue I: January 2015	2014-15
16	Dr. K Deepti	Total Phenolic Content and Antioxidant Activity of Morinda tinctoria Leaves	Indian Journal of Pharmaceutical Sciences	ISSN: 0250474X March- April 2015 77(2): 127-248	2014-15
17	Dr. Ch Sri Lakshmi	Studies on short term effect of UVB radiation on photosynthetic electron transport activities in the rice (Oryzasativa) Primary leaves	Engineering Sciences International Research Journal	(2013Vol. I, Issue. II, ISSN-2320-4338	2013-14
18	Dr. BVSN Hari Prasad	"Optimal Strategy Analysis of an N-policy Two-phase M/E _k /1 Queueing System with Server Startup and Breakdowns"	International Journal of Mathematical Archive,	3(3) (2012), 889-898.	2012-13
19	Mrs K Deepti	Synthesis and in-vitro antibacterial activity of some new urea, thiourea and thiosemicarbazide derivatives	International Journal of Pharmacy and Pharmaceutical Sciences	ISSN- 0975-1491 Vol 4, Suppl 3, 2012	2012-13
20	Mrs K Deepti	Antibacterial and free radical scavenging activity of Michelia champaca Linn. flower extracts	Free Radicals and Antioxidants	Vol.2 / Issue 2 / Apr-Jun, 2012	2012-13
21	Dr. Ch Sri Lakshmi	"Studies on antioxidant capacity of	Asian journal of biochemical and	2012 Issue 2 (Vol. 2) 2012	2012-13

		petroleum ether and acetone extracts of pleurotus florida”	pharmaceutical research-	ISSN: 2231-2560	
22	Dr. Ch Sri Lakshmi	“uv-b radiation in combination with white light mediated alterations in the photochemical activities of barley leaves.”	Asian journal of biochemical and pharmaceutical research-	2012 Issue 2 (Vol. 2) 2012 ISSN: 2231-2560	2012-13
23	Mrs K Deepti	Evaluation of In Vitro Free Radical Scavenging Efficacy of Aerial Parts of Medicinally Important Morinda pubescens J.E. Smith (Morinda tinctoria Roxb.)	Drug Invention Today	ISSN: 0975-7619(2012)	2012-13
24	Dr. M Nagarjuna	Special characteristics of Titanium ions in Ag ₂ O mixed lithium fluoro phosphate glass system	International journal of luminescence and its applications -	2013	2012-13
25	Dr. BVSN Hari Prasad	Optimal Strategy Analysis of an N-Policy Two-Phase M ^X /E _K /1 Gated Queuing System with Server Startup and Breakdowns.	International Journal of Mathematical archive	3(8) (2012), ISSN 2229-5046	2012-13
26	Dr. Ch Sri Lakshmi	“Insilico parameters Methioninase of Pseudomonas putida”	Journal of Advances in Science and Technology-2012(IgnitedMinds)	Vol. III, No. VI, August-2012, ISSN 2230-9659	2012-13
27	Mrs K Deepti	Antimicrobial Activity and Phytochemical Analysis of Morinda tinctoria	Asian Pacific Journal of Tropical Biomedicine	(2012)S1440-S1442	2012-13

		Roxb. Leaf Extracts			
28	Mrs K Deepti	Synthesis, anticancer and antibacterial activities of piperine analogs	Med Chem Res	DOI 10.1007/s00044-013-0541-4,2013	2012-13
29	Dr. Ch Sri Lakshmi	“Comparative studies on growth parameters and physio-chemical analysis of Pleurotus ostreatus and Pleurotus florida”	Advances in Applied science research-2013 (Pelagia research library)	ISSN : 2249-7412,2013	2012-13
30	Dr. Ch Sri Lakshmi	“Studies on impact of Diabetes Mellitus on Tuberculosis in coastal region of Andhra Pradesh”	Advances in Applied science research-2013 (Pelagia research library)	ISSN: 0976-8610,2013	2012-13

Publication of Students

Department of Computer Science & Engineering

S. No	Regd No	Student Name	Name of the Project guide	Paper title	Paper Publication Details Ref No. Year & Month	Academic Year
1	148T1D5801	Angadala Bharghavi	Mr K Sandeep	A Novel Approach to Detect and Rectify Skin Distortion Based on A Single Fingerprint Image	IJETCSE Vol 23 Issue 5 September 2016 PP 37-40	2016-17
2	148T1D5802	Appana Harshini	Mr N Ashok	An Integrated Cloud for Multi Keyword Ranked Scheme Over Encrypted Cloud Data	IJRCSE, Volume- 6	2016-17
3	148T1D5803	Chittaluri Sai Siva Priya	Mr A Satish Kumar	A Novel Approach for Integrity Auditing and group user Revocation for Shared Dynamic Cloud Data Access	IJR, Volume 3, Issue 13	2016-17

4	148T1D5805	Gudavalli Revathi	Dr. B Srinivas a Rao	An effective MRT Image enhancement Scheme	IJR, Vol-3, Issue-8	2016-17
5	148T1D5806	Jonnala Namaswini	Mrs M Ragini	A Rigorous 2 Layer Epidemic Model for Malware Propagation in Large Scale Networks	International Journal of Advanced Technology & Innovative Research ISSN: 2348-2370 Vol-8 Issue-11, September-2016	2016-17
6	148T1D5807	Kolli Yamini	Mrs Ch Padmini	Performing Keyword Cover Search using Keyword Nearest Neighbor Expansion Algorithm	IJETCSE, ISSN: 0976-1353	2016-17
7	148T1D5808	Parasa Gnana Iswarya	Ms P Sunitha	Ensuring Semantic Security in Keyword Search using Searchable Public-Key Cipher texts with Hidden Structures	IJSEAT, Vol. 4 Issue 8	2016-17
8	138T1D5801	Atluri Aswini	Mrs M Ragini	Privacy Preserving of Publication Users Using Tuple Grouping Methods	International Journal of Engineering and Science Research ISSN : 2277-2685, May 2015, Vol:5, P P:363-369	2014-15
9	138T1D5802	Gopiseti Divya	Mr P V Hari Prasad	Dynamic Authentication for DOS Attacks Using Snort Rule	International Journal of Engineering and Science Research SSN:2277-2685, Vol 5, May 2015, PP:370-375	2014-15
10	138T1D5804	Gayatri Vemuri	Mr N Ashok	Co-opertive Riskless Data Publishing Using Cdpd In Multi Cloud	International Journal of Research in Computer	2014-15

					and Communicati on Technology, ISSN:2278- 5841, Vol 3,Issue 8, August 2014, PP:910-914.	
11	138T1D5805	Sesham Jhansi Lakshmi	Mr VVR Manoj	Extensible and Privacy Distribution Phi in Cloud Computing Using Hierarchical Attribute-Based Encryption	International Journal of Engineering & Science Research (IJESR)Vol- 5/Issue- 5/316-321, ISSN 2277- 2685, May 2015	2014- 15
12	138T1D5806	Lukka Lakshmi Anusha	Mrs LNB Jyothsna	Maximum Utility sets using Data streams	International Journal of Engineering and Science Research, ISSN: 2277- 2685, May 2015, Vol:5, PP:380-384	2014- 15
13	138T1D5807	Nimmagad daMounika	Mrs.P.S wathi	A Secure Online Application Safeguarding Data with Stegnography Based Watermarking	IJCTT, ISSN:2231- 5381/VOLU ME 18/November 1Dec 2014	2014- 15
14	138T1D5808	BattulaNag asukanya	Mr.R.Ph ani Kishore	information security using human visual model in stenography applications	IJRCSE (VOL-4, ISSUE - 4) ISSN: 2321- 0338 (PRINT) IJRCSE/V4/4 -824	2014- 15
15	138T1D5809	Rajasekhar Junjunuri	Mr.K.Sa ndeep	Characters Recognition of Automobile License Plates on The Digital Image	International Journal of Engineering & Science Research Vol-5, Issue- 5, May 2015,	2014- 15

					Pages: 302-309, ISSN 2277-2685	
16	138T1D5810	Kattuboina Ranjith Kumar	Mrs.S.Naga Sindhu	Benefits and barriers of cloud computing	International Journal of Engineering and Science Research, ISSN 2349-3755; Volume 1, Issue 6, 2014, pp.117-123	2014-15
17	138T1D5812	Suryadevara Sravanthi	Mr.D.Ratna Kishore	Human Activity Recognition Based on Image Segmentation	(IJRCSE) international journal of research in computer science engineering SSN: 2321-5585	2014-15
18	138T1D5813	Mekhala Sri Devi Sameera	Mr.A.Satish Kumar	Gender-Driven Emotion Recognition System Using Speech Signals for Human Computer Intelligent Interaction	International Journal of Innovative Research in Computer Science & Technology (IJIRCST) IS SN: 2347-5552, Volume-3, Issue-3, May 2015	2014-15
19	138T1D5815	Ankem Venkata Ramanjaneyulu	Dr. B Srinivasa Rao	Cloud Storage Security Interactive Proof System on Provable Data Possession using Audit Service	IJSETR, ISSN 2319-8885 Vol.04, Issue 12, May 2015, Pages: 2314-2317	2014-15
20	138T1D5817	L Yamini	Mrs K Sandhya Rani	An Effective global face name matching framework using error correcting graph matching algorithm	Volume 6, No.8, August 2015, journal of global search in computer science,	2014-15

					ISSN-2229-371X	
21	138T1D5818	Vemuri Purnima	Mrs M Hima Jyothi	Secured Profile in Social Networks using Machine Learning	International Journal of Engineering and Science Research, ISSN:2277-2685, May 2015, PP:173-178	2014-15
22	128T1D5801	Amanullah Shaik	Mrs LNB Jyothsna	Efficient and Persistent Profile Matching in the Proximity Mobile Social Networks	IJRCSE (VOL-2, ISSUE - 7) July 2014	2014-15
23	128T1D5802	Ambica Sri Ramya M	Mr N Ashok	Co-operative Riskless Data Publishing Using Cdpd In Multi Cloud	International Journal of Research in Computer and Communication Technology, ISSN:2278-5841, Vol 3, Issue 8, August 2014, PP:910-914.	2014-15
24	128T1D5803	Vaddi Chaitanya Sravanthi	Mr A Satish Kumar	Effective Usage of Medinet in Hospitals to Increase the Security in Databases	International Journal of Research in Computer Science & Engineering (IJRCSE), Vol-4, Issue 3, May-June, 2014	2014-15
25	128T1D5804	Challa Divya Sri	Ms P Sunitha	Effective Usage of Randomized Multicast Distributes Node Location In Wireless Sensor Networks(Wsn)	International Journal of Research in Computer Science and Engineering, ISSN:2321-0338, Vol-4, Issue-3, 2014	2014-15

26	128T1D5805	Puvvula Kiranmai	Mr R Phani Kishore	INFORMATION SECURITY USING HUMAN VISUAL MODEL IN STENOGRAPHY APPLICATIONS	IJRCSE (VOL-4, ISSUE - 4) ISSN: 2321-0338 (PRINT) IJRCSE/V4/4-824	2014-15
27	128T1D5807	Pallabothula Naga Raju	Mrs S Praneetha	Detection of Blood vessels in Breast Using Matched Filters	IJCSIT,ISSN-2044-6004,VOL-3,FEB 2012,PAGE:32-37	2011-12
28	128T1D5808	Kunaparedy Nagendra Nath	Mr VVR Manoj	Privacy- Process Public Auditing & Documents Purity for Secure Cloud Storage	IJARCSSE)International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE)Volume 4(10), ISSN: 2277 128X, October2014	2014-15
29	128T1D5809	Prasantha Kumar Badipati	Mrs K Sandhya Rani	Effective Service Oriented Architecture for Interoperability of e-Services	Journal of Global Research in Computer Science, ISSN :2277, Volume 4 , Issue 8, Aug 2014	2014-15
30	128T1D5812	Mallavarapu Ratnakumari	K Sandeep	Discover Allotment Using Virtual Machines	International Journal for Development of Computer Science & Technology (IJDCST)Oct 2014, Issue-V-2, I-7, SW-07, ISSN-	2014-15

					2320-7884 (Online), ISSN-2321- 0257 (Print)	
31	128T1D5813	Bijjam Durga Raviteja	PV Hari Prasad	Stipulated Ranking Technique for Image Search Engines	International Journal of Computer Science and Information Technologies ISSN:0975- 9646, Vol 5(4), 2014, PP: 5720-5723	2014- 15
32	128T1D5814	Potturi Reshma	Dr. B Srinivas a Rao	Ascendable Architecture for Wandering Services in Social Networks	International Journal of Engineering Research and Development, e-ISSN: 2278-067X, p-ISSN: 2278-800X Volume 10, Issue 8 (August 2014), PP.58- 63	2014- 15
33	128T1D5815	Yarlagadd a Srilakshmi	Mr D Ratna Kishore	Online Anomaly Detection under Over-sampling PCA	IJSR) Internat ional Journal of Science and Research ISSN : 2319- 7064	2014- 15
34	128T1D5819	Yalamanch ili Salini	Mrs M Ragini	Explication Search Results from Huge Amount of Published Data	International Journal of Science Engineering and Advance Technology SSN:2321- 6905, Vol- 2, Issue- 9, 2014, PP:40 3-406.	2014- 15

Department of Electronics and Communication Engineering

Sl. No	Regd No	Student Name	Paper Title	Paper Publication Details Ref No. Year & Month	Academic year
1	148T1D7201	Abdul Rameem Sultana	FPGA Implementation of 32-Bit Partially Parallel Encoder Architecture for Long Polar Codes	International Journal of Research(IJR), P-ISSN: 2348-6848 E-ISSN: 2348-795X Volume 03 Issue 18 December 2016.	2016-17
2	148T1D7202	Ch Harika	Systematic Error Correcting Codes Implementation for Matching of Data Encoded	International Journal of Professional Engineering Studies (Ijpres), Volume VIII /Issue 2 / Jan 2017.	2016-17
3	148T1D7203	D Srilakshmi	Design and Implementation of Flexible Computational Unit Using Carry Save Adder	International Journal of Professional Engineering Studies (Ijpres), Volume VII /Issue 5 / Nov 2016.	2016-17
4	148T1D7204	G Venkateswaramma	FFT Implementation of Multi-Precision Based Dynamic Voltage Scaling Multiplier with Operands Scheduler	International journal& magazine of Engineering, Technology, Management and Research (IJMETMR). ISSN:2348-4845, Volume.03, Issue No.12, December-2016, Pages: 407-411	2016-17
5	148T1D7206	Gundavara pu Krishnaveni	Area-Power Efficient Shift Register Using Non overlap Delayed Pulsed Clock	International Journal for Technological Research In Engineering(IJTRE), Volume 4, Issue 4, December-2016 ,ISSN (Online): 2347 - 4718	2016-17
6	148T1D7207	J Ganesh	Design of low Power All Digital Phase Locked Loop for SerDes	International Journal of VLSI System Design and Communication Systems(IJVDCS) Volume.04, IssueNo.10, October-	2016-17

				2016, Pages: 0999-1003	
7	148T1D7211	V Sandhya	Implementation of RISC Processor Using Radix-4 & Radix-8 Booth Encoded Multi-Modulus Multipliers	International journal& magazine of engineering , technology, management and research (IJMETMR). ISSN:2348-4845, Volume.03, Issue No.10, October-2016, Pages: 1631-1634	2016-17
8	148T1D7212	V Nandini	FIR Filter Implementation Using Novel Modulo $2n-2k-1$ Adder for RNS	International journal& magazine of engineering , technology, management and research (IJMETMR). ISSN:2348-4845, Volume.03, Issue No.10, October-2016, Pages: 1626-1630	2016-17
9	138T1A0446	B Mounika	New framework to enhance the quality of image using gradient domain guided image filtering	International conference on contemporary engineering and technology-2017.	2016-17
10	138T1A0436	M Divya Mounika	New framework to enhance the quality of image using gradient domain guided image filtering	International conference on contemporary engineering and technology-2017.	2016-17
11	138T1A0448	YNS Harika	New framework to enhance the quality of image using gradient domain guided image filtering	International conference on contemporary engineering and technology-2017.	2016-17
12	138T1A0435	B Lakshmi Manasa	New framework to enhance the quality of image using gradient domain guided image filtering	International conference on contemporary engineering and technology-2017.	2016-17
13	138T1A0407	M Bhagyasree	Multilevel local extrema method on	International conference on	2016-17

			medical image processing	contemporary engineering and technology-2017.	
14	138T1A0452	M Nirmala	Multilevel local extrema method on medical image processing	International conference on contemporary engineering and technology-2017.	2016-17
15	138T1A0406	V Baby Priyanka	Multilevel local extrema method on medical image processing	International conference on contemporary engineering and technology-2017.	2016-17
16	138T1A0417	P Eswar Naidu	Multilevel local extrema method on medical image processing	International conference on contemporary engineering and technology-2017.	2016-17
17	138T1D7201	Sangepu Baby Dhivya	Implementation and Verification of I2C Single - Master Multiple Slave Bus Controller using System Verilog and UVM	International Journal of VLSI System Design and Communication Systems(IJVDCS) Volume.03, IssueNo.08, October-2015, Pages: 1239-1243	2015-16
18	138T1D7203	Jannu Chaitanya	Implementation of Single Precision Floating Point Multiplier	International journal& magazine of engineering ,technology, management and research (IJMETMR). ISSN:2348-4845, Volume.02, Issue No.09, September-2015, Pages: 1373-1377	2016-17
19	138T1D7207	J Lakshmi Prasanna	128 Bit Parallel Prefix Tree Structure Comparator	International Journal of Research in Engineering and Science (IJRES), ISSN No: ISSN (Online): 2320-9364, ISSN (Print): 2320-9356, Vol.03, Issue.10, pages. 43-51, October-2015.	2016-17
20	138T1D7216	Y Rama Krishna	Low Power Efficient MAC	International journal& magazine of	2016-17

			Unit using Proposed Carry Select Adder	engineering ,technology, management and research (IJMETMR).ISSN:23 48-4845, Volume.02, Issue No.10, October-2015, Pages: 1186-1191	
21	138T1D7214	Avvaru V V Hanuman Sai Krishna	FFT Design Using Reliable Multiplier with Adaptive Hold Logic	International journal& magazine of engineering ,technology, management and research (IJMETMR).ISSN:23 48-4845, Volume.02, Issue No.10, October-2015, Pages: 1178-1185	2016-17
22	138T1D7202	Gorantla Chaitanya	Implementation of WG Stream Cipher using Encryption and Decryption Algorithm	Advances in Electrical and Computer Engineering(AECE), ISSN: 1582-7445, Vol No.15 Issue No.1 ,April 2015,	2016-17
23	138T1D7209	Mantrala Praneetha	Implementation of an Error Detection System Using Concurrent BIST	International Journal of Engineering in Advanced Research Science and Technology(IJIRAT), ISSN:2278-2566, Volume.3, Issue-2,	2016-17
24	138T1D7211	K Dhanushya	Reduction of Static Power by using Biasing and Body Biasing Techniques	International journal of scientific engineering and technology research(IJSETR), ISSN 2319-8885 Vol.05, Issue.06, March-2016, Pages:1008-1014	2016-17
25	128T1D7210	Dorai Swaraj	FPGA Implementation of SIFT Algorithm Using	International Journal of emerging trends in electrical and electronics (IJETEE-ISSN:2320-9569),	2014-15

			Xilinx System Generator	Vol.10,Issue.10,Oct.2014,pp.80-85.	
26	128T1D7206	Papisetti Santhi	Establishing Low Latency ETI Encoder for Low Power Applications	International Journal of Scientific Engineering and Technology Research(IJSETR). ISSN:2319-8885,Vol.03,Issue.39, Nov 2014,pp.7978.7981.	2014-15
27	128T1D7203	Edith Buduputi	Design And Implementation of an Enhanced and Power Optimized Correlator in OFDM Applications	International Journal of Scientific Engineering and Technology Research(IJSETR). ISSN:2319-8885,Vol.03,Issue.45, Dec 2014,pp.9246-9248.	2014-15
28	128T1D7202	Dondapati. Leela Bhuvaneswari	Design Of An Error Detection and Data Recovery Architecture for Motion Estimation Computing Array	International Journal of VLSI Systems Design and Communication Systems(IJVDCS),ISSN:2322-0929,Vol.02,Issue.09,Nov 2014,pp.0928-0932.	2014-15
29	128T1D7211	TRS Chandran	An Enhanced Logarithmic Number System Adder/ Subtractor for Low Power DSP Applications	International journal of research and development in science and technology(IJRDST),ISSN:2350-4751(print&online), Vol.01,Issue.02,June 2015,pp.19-25.	2014-15
30	128T1D7205	Appikatla Maheshhh	An Efficient Low Power Current Comparison Based Domino Logic	International journal of research and development in science and technology(IJRDST),ISSN:2350-4751(print&online), Vol.01,Issue.02,May 2015,pp.26-32.	2014-15
31	128T1D7209	Adusumilli Sundeepthi	Low Power and Area Efficient Fused Floating	International Journal of Scientific Engineering and	2014-15

			Point FFT Architecture	Technology Research(IJSETR). ISSN:2319- 8885, Vol.04, Issue.25, July 2015, pp.4738- 4740.	
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3.4.4 Provide details (if any) of

- **Research awards received by the faculty**
Dr.. K Deepti received best paper presentation award in 2011 Invitro and Insilico Evaluation of Piperine Analogous as Anti-Cancerous and Antimicrobial Agents. National conference on natural product research and Biopharm industry-2011
- **Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally**
- **Incentives given to faculty for receiving state, national and international recognitions for research contributions**
Faculty who have published a paper in Scopus indexed journals other than the funded two papers will be awarded with an incentive of amount of Rs 2000/- for each paper.

3.5 Consultancy

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

The College constituted IIPC (Institute Industry Partnership Cell) with Mr. R. Suresh Babu is the coordinator of the committee and Faculty from each Department as members and following are the details:

S.No	Faculty Name	Department
1	Mr K Pardhasaradhi	Civil
2	Mr P Siva Naga Raju	CSE
3	Mr K Suresh Babu	ECE
4	Mr S Raghavendra	EEE
5	Mr KBSVD Prasad	Mechanical

Functions of IIPC are as stated below:

- To Facilitate industrial visits and update present manufacturing practices
- To Create Industry awareness to increase Employability
- Skill development in related areas
- Understand Industries and their facilities and working manufacturing procedures
- Understand Quality, safety, Housekeeping and other system standards of the industry
- To Enhance Practical and work knowledge
- To Observe and follow industry bench marked solutions

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

College framed definite policy for consultancy and testing services:

It is the institution policy to encourage faculty to engage in consultancy in their field of expertise with the help of the R&D committee of the college. The cost per each component of consultancy as well as testing services are fixed, the amount per each component is decided by the departmental committee by considering the similar services rendered by other institution and organizations.

There is no formalized procedure for publicizing the expertise. However, the following measures are taken to make the public aware of consultancy services offered.

- Faculty is encouraged to list his/her domain expertise and communicate with their department HODs.
- Faculty members are encouraged to recognize their prospective avenues in their respective domains and seek permission from their respective departments to explore in that domain and also can publicize their resume/expertise to other colleges, institutions and industries.
- Faculty members can put up a requisition letter with the approval of the HOD, to the concerned consultancy to collaborate and invite them for further proceedings.
- Faculty members requisition will be evaluated in the department based on the strength and skills of the relevant project and corresponds the consultancy to depute them to impart their knowledge towards the project in view of the R&D cell, department and institutional benefits.
- Faculty is encouraged for inviting various industries and relevant organizations to college level seminars and workshops. and in cooperating all activities in college annual reports and brochures.
- The revenue generated from consultancy is utilized to strengthen the infrastructure of the institution and for smooth functioning of the research proposal of the respective consultancy.
- The available expertise is advocated and publicizes various consultancy and testing activities and equipment available through college website and personal contacts.
- The documentation of the research carried must be handed over to R&D committee of the college.

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

The Institute makes every effort to encourage the staff for utilization of all human resources, intellect and available facilities in the campus to promote consultancy offered to industries/companies and create a linkage between institute and industries/company in a flexible manner by which the consultancy services get a boost. The institute motivates the faculty to utilize their expertise for consultancy services with the permission. This in turn helps, the students to get an opportunity to visit these industries/companies and get placement.

The institute encourages faculty who involved in consultancy by:

- Providing suitable advertisement at various avenues.

- Providing 80% of the revenue generated through consultancy to the staff involved.
- Providing infrastructural facilities to organize and conduct consultancy services
- Providing relief from teaching load
- Providing Transportation facility

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

Structural design and drawings verification and validation of “Solar Module Mounting Hot Dip Galvanized Structures” designed by Hitech Pipes Limited, New Delhi for their client Aatash Power Pvt.Ltd., Ahmedabad for a Solar project in Gujarat. Rs. 10,000/- amount of revenue was generated for this work and Institution also has MOU with TCS-ion, generates revenue of Rs.29,63,384/-.

S.No	Department	Client	Project Title	Duration	Project Value	Faculty Involved
1	Civil Engineering	Aatash Power Pvt.Ltd	Solar Module Mounting Hot Dip Galvanized Structures	2014	Rs.10,000/-	Dr. P Siva Prasad
2	Computer Science & Engineering	TCS-ion	Online Exams	07/04/12 to 07/04/15, 28/03/16 to 28/03/19	Rs.29,63,384/-	Mr. K Satheesh

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?

Institute has well documented and transparent consultancy policy. In this 80% of the revenue generated through consultancy is distributed among the staff involved and 20% of the revenue generated is utilized towards establishment expenses. We organize frequent industrial visits to the students and faculty and organize seminars and guest lectures by the industrial experts with the industry collaboration, to seed the culture of exchanging the extended services provided mutually by signing a MoU or by providing consultancy services.

- To plan and conduct industry visits to students at least once a year
- To conduct seminars, guest lectures by industry eminent experts to create Awareness on industry practices.
- To facilitate the process of providing internship opportunities for desired students.

S.No	Department	Area of Consultancy
1	Civil Engineering	Structural Engineering
		Geo Technical Engineering
		Environmental Engineering
2	Computer Science & Engineering	Web Designing & Software Development
3	Electronics & Communication Engineering	VLSI Design
4	Electrical & Electronics Engineering	Power Systems
5	Mechanical Engineering	Pumps and Turbines

3.6 Extension Activities and Institutional Social Responsibility (ISR)

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

The institute has always encouraged staff and students to participate in the community welfare programs and NSS committee develops positive attitude in students, to make them understand the roles and responsibilities of good human being.

NSS Committee

The NSS unit of the institution plays a vital role in building up the campus-community network through volunteer service and works for the betterment of the community.

NSS Committee Members

S.No	Name	Designation	Department
1	V Subba Raju	Assistant Professor	ECE
2	K Vamsi Krishna	Assistant Professor	CE
3	K Sandeep	Assistant Professor	CSE
4	Ch Anil Kumar	Assistant Professor	EEE
5	G Virendranath	Assistant Professor	ECE
6	V Diwakar	Assistant Professor	ME
7	T Siva Naga Raju	Assistant Professor	S & H
8	A Farheen Sulthana	Student Member	III CE
9	V Teja Naga Sai	Student Member	III CE

10	V Sai Sri Ram	Student Member	IV CE
11	E Harika	Student Member	III CSE
12	K Devi Sri Vaishnavi	Student Member	IV CSE
13	J Prasana	Student Member	III EEE
14	B Bhavana	Student Member	III EEE
15	K Sneha	Student Member	IV ECE
16	B Nithisha	Student Member	IV ECE
17	A Venkat	Student Member	III ECE
18	A Maheedhav	Student Member	III ME
19	A Mohan	Student Member	IV ME

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

- Inculcate social welfare in students to acquire leadership qualities and democratic attitudes for providing service to society without bias.
- Work to ensure that everyone who is needy gets help to enhance their standard of living and lead a life of dignity.
- An NSS orientation program is organized for the students at the beginning of the academic year and students are encouraged to participate in programs to develop citizenship roles.
- Participation of student volunteers depends on the attendance percentage and also academic background, this motivates interested students to keep up their attendance percentage.
- Before participating in any event a permission letter from the department is taken.
- Personality development sessions are conducted for students at regular intervals. Student volunteers also receive certificates from various concerned authorities and submit a photocopy of the certificate to the department.
- Some of the events in which students participated are: awareness programs on cashless Economy, Digital transactions, Road safety, organ donation, blood donation camps etc.

NSS Events in 2016-17

S No	Date	Activity/Event	Venue	No of students
1	06-04-16	Fund Rising For Hari Krishna	DIET	147
2	24-09-16, 25-09-16	Impact Personality Development Program	Siddhartha Arts Auditorium	198
3	17-09-16	Fund Rising For IAB & Mothers Concern	DIET	390

4	12-08-16 to 23-08-16	Krishna Puskar Sevak	Sitamma Padalu & Apron Area	263
5	05-08-16	Mega Blood Donation Camp	DIET- T&P Hall	177
6	16-12-16 to 16-02-17	Cashless Economy –Awareness	DIET-Kankipadu & Madduru	59
7	08-01-17	Amravati Marathon	Indhira Gandhi Municipal Stadium Vijayawada	660
8	07-12-16	Blood Donation Camp	DIET	78
9	26-01-17	Fund Raising For Zilla Sainik Welfare	DIET	400
10	08-02-17	Cashless Training Program-SBI E-Buddy	DIET	589
11	18-2-17	Road Safety Awareness	DIET	346

2015-16

S No	Date	Activity/Event	Venue	No of students Participated
1	03-07-15	Awareness Program On Digi Locker	DIET	138
2	15-07-15, 16-07-15	Elocution – Godavari Maha Puskaram	DIET	34
3	06-08-15	Rally On World Organ Donation Day	DIET	27
4	14-10-15	Blood Donation Camp	DIET	193
5	22-12-16	Healthy Heart	DIET	589
6	10-01-16	Amravati Marathon	Deep Trust	277
7	13-02-16	Helping Hand – Fund Rising Activity	DIET	235

2014-15

S No	Date	Activity/Event	Venue	No of students Participated
1	16-07-14	Blood Donation Camp-Red cross	DIET	100
2	08-03-15	AP Chief Ministers Relief Fund	DIET	Management
3	17-03-15	Blood Donation Camp	Diet-T&P Hall	208

2013-14

S No	Date	Activity/Event	Venue	No of students Participated
1	25-07-13	Health Check up Camp-Kamineni HSP	DIET	69
2	11-09-13	National Youth Run	IMS-VJA	53
3	10-12-13	Voters Registration Awareness	DIET	218
4	02-02-14	Root health foundation -5k walk	IMS-VJA	89

2012-13

S No	Date	Activity/Event	Venue	No of students Participated
1	25-07-12	Blood Donation Camp	Sub Collector Office- VJA	158
2	22-12-12	Blood Donation Camp	DIET	55
3	06-01-13	Fund raising for Deep Chand	DIET	11

**Road Safety Awareness****SBI-e Buddy Cash Less Awareness Camp**



Educating Public in Digital Transactions



Students Participation in Blood Donation

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

- Feedback from staff, students, parents and government agencies is solicited for all the major programs involving student participation.
- Student counseling Committee look into the complaints by the stakeholders.
- Faculty directly communicate with parents and discuss various issues pertaining to Students' performance and progress during parent teacher meet. Parents also convey their messages, concerns, doubts and feedback.
- The NSS reports are submitted to the college IQAC for suggestions and improvement.
- Staff self-appraisal report adds to the overall performance and quality of the Institution.

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

Year Planner

SNo	Name of Program	Frequency of conduction	Expected Date
1	Blood Donation	Twice a Year	Feb 1 st week, Aug 1 st week
2	Fund Collections for Needy	Three Times a Year	Mar 1 st week, Jul 1 st Week, Dec 1 st week
3	Awareness Program (subjected to social service)	Twice/Thrice a Year	Jan 1 st week, Jun 1 st week
4	Social Service Activities	Twice/Thrice a Year	As and when required

Budgetary details for the last four years

Academic Year	Blood donation camps	Service Activities	Awareness campaigns	Other events	Total
2016-17	6,000	30,000	15,000	5,000	56,000
2015-16	3,000	-	15,000	10,000	28,000
2014-15	6,000	-	-	1,21,111	1,27,111
2013-14	-	10,000	10,000	-	20,000

The institute is ever ready to encourage student volunteers to participate various levels of events and learn new things, improve knowledge and performance. Students have participated in APSSDC Mobile Literacy Program which has been conducted in the villages Uppuluru, Kankipadu and educated the villagers about the usage of mobiles.

The extension and outreach programs have a great impact on young minds. Student participation in social service activities has increased over the years. Students develop a sense of belongingness and affinity with the community and develop empathy towards the community. Students' involvement in such socio-economic community related activities leads to individual development and conscientious citizen. Such programs also help students to hone their communication and managerial skills. The final impact is inculcating a spirit of social service in students.



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?

- By deputing students for various events along with the program officers
- By organizing Blood Donation camps
- By conducting Awareness Programs (subjected to social service)

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?

- Inter college Greenery development programs
- Awareness programs on cashless transactions
- Conducting Elocution competitions
- Served pilgrims during Krishna Pushkaralu

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

Objective of NSS

Primary objective helps in Identifying the needs and problems of the community and involve them in problem-solving which in turn develops certain skills and knowledge that may be necessary for their social mobility in the future.

Outcomes of the extension activities

The results of participation in the various social relevant activities have resulted in inculcating the feeling of being socially awakened citizens in the students.

Extension activities complement students' academic learning experience and inculcated the values and skills.

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?

2016-17

S. No.	Event	Organizing committee
1	Krishna Puskar Sevak	AP Government
2	Impact Personality Development Program	Rotary Vijayawada Midtown
3	Fund Rising For IAB & Mothers Concern	Indian Association for Blind
4	A mega Blood Donation Camp	Red Cross Vijayawada
5	Blood donation camp	LIONS International Foundation
6	Fund on eve of Armed Forces Flag Day	Department of Sainik Welfare
7	SBI E BUDDY	State Bank of India Kankipadu

2015-2016

S. No.	Event	Organizing committee
1	Awareness program on DIGILOCKER	Government of India

2	A mega Blood donation camp	NTR Health Camp
3	An awareness program on HEALTHY HEART	Ramesh Hospital and BSL Vijayawada
4	Helping Hand – Hitarath Patel	Dhyanesh's online Foundation

2014-2015

S. No.	Event	Organizing committee
1	Blood Donation Camp-Red cross	Red Cross Vijayawada
2	AP Chief Ministers Relief Fund	Government of Andhra Pradesh
3	Blood Donation Camp	LIONS Club Vijayawada

2013-2014

S. No.	Event	Organizing committee
1	Health Checkup Camp-Kamineni HSP	Kamineni Hospitals Vijayawada
2	National Youth Run	Swami Vivekananda Saardha Shathi Samaaroh Samithi
3	Voters Registration Awareness	Election Commission of India
4	Root health foundation -5k walk	Root Health Foundation

2012-2013

S. No.	Event	Organizing committee
1	Blood Donation Camp	Indian Red Cross
2	Blood Donation Camp	Lions Club Vijayawada
3	Fund raising for Deep Chand	Global Hospitals

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 organizations and institutions of the locality. The blood donation camps are organized with the help of reputed hospitals. The unit organizes tree plantation, Awareness activities like cashless economy, road safety, digital transactions etc.

3.6.10 Give details of awards received by the institution for the extension activities and /contributions to the social/community development during the last four years.

- Received Rolling Trophy from Vijayawada police & DEEP Trust for Highest number of Registrations in Amravati Marathon 2017.



- Our student volunteers received appreciation from Vijayawada Police for active participation in Krishna Pushkaralu-2016.
- Received appreciation from Lions Blood Bank & Red Cross for Blood donation camps.

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 collaboration with the industries enhanced the industry linkage, resulting internship and students training programs, faculty development programs, seminars and guest lectures by industry eminent experts to create awareness on industry practices.
- The collaboration with the industries will develop skill and employability in related areas.
- The collaboration of the college with other agencies has enhanced practical, work knowledge and industry bench marked solutions.

Benefits for the institution by the Interaction with various institutes and industry personnel:

- To Improve teaching – learning environment
- To get Industry Oriented B. Tech and M. Tech projects
- To Improve R & D and consultancy activities.
- To invite eminent academicians and scientists to deliver guest lecturers in the institution.
- To get industrial training and industrial visits for students.
- To carry out research work and training from reputed research organizations and laboratories.
- To get permission to make use of laboratories of other institutions to carry out project work.

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 has signed MOU/Collaboration with external houses to conduct activities like training facilities for students, guest lectures, participation in technical events and advanced learning. Major MOU/collaboration arranged with industries are:

List of MOU's/Collaborations:

S.No	Company Name	Location
Department of Civil Engineering		
1	Power Mech Infra Pvt Ltd	Vijayawada
2	Vertex Pvt Ltd	Vijayawada
3	MBMR Real Estates Pvt Ltd	Vijayawada
4	Raghava Estates Pvt Ltd	Vijayawada
5	KMV Projects Pvt Ltd	Hyderabad
6	Indwell Constructions Pvt Ltd	Vijayawada
Department of Computer Science & Engineering		
1	TekCrux Pvt Ltd	Hyderabad
2	NEcX Pvt Ltd	Hyderabad
3	Cloud-Ace Technologies	Vijayawada
4	Efftronics	Vijayawada
5	Amaravathi Solutions	Vijayawada
6	VXL IT Academy	Vijayawada
Department of Electronics & Communication Engineering		
1	PSK Research Foundation	Guntur
2	Foundation for Innovation and collaborative Education(FICE)	Bangalore
3	EdGate Technologies Pvt Ltd	Bangalore
4	BSNL	Vijayawada
5	Microlink Peripheral Pvt.Ltd	Vijayawada
6	Que-Technologies Pvt.Ltd	Vijayawada
7	Sri Sathya sai Electronics Industries	Vijayawada
8	Hi.Tech Automation	Vijayawada
9	Institute of Mobile Solutions	Vijayawada
10	Essaeteraoka Pvt.Ltd	Vijayawada
11	Ham radio Training Institute	Vijayawada
Department of Electrical & Electronics Engineering		
1	G.S. Electricals	Vijayawada
2	Vijaya Electricals	Vijayawada
3	Omega Controls	Surampalli
4	S S Transformers	Vijayawada
5	Sai Bhargav Eletricals	Vijayawada
6	Ambica power controls	Vijayawada
7	Durga Electricals	Vijayawada
8	Maitreya Electricals	Vijayawada

Department of Mechanical Engineering		
1	Central Institute of Plastics Engineering and Technology (CIPET)	Vijayawada
2	Harsha Liners	Telaprolu
3	Krishna Engineering Works	Vijayawada
4	Prakash Spectro Cast Pvt Ltd	Vijayawada
5	G.S.Alloy Casting Ltd	Vijayawada
6	Carris Pipes and Tubes	Peddaoutpalli
7	Pratap Industries	Enikepadu
8	Andhra Packages	Peddaoutpalli
9	Santosh Automotors Pvt. Ltd.	Kanuru
10	Macro Cast Private Limited	Kolavennu
11	Varun Motors	Vijayawada

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.

Institute has tied up with different corporate and training institutes for practical exposure on various Industrial Technologies. Institute also invites experts from industry to share their knowledge and experiences to students and the sessions are attended by some faculty members as well.

S.No	Department	Facility	Contribution	Company/ Organization	Purpose
1	Computer Science &Engineering	Microsoft/ NECX Limited	Technical Support	Microsoft	Academic purpose, Systems software's and application software's
2	Computer Science &Engineering	Oracle WDP	Technical Support	Oracle	Academic purpose, Systems software's and application software's
3	Electronics & Communication Engineering	ASLK Kits For LICA	Technical Support	Texas instruments	Research
4	Electronics & Communication Engineering	EDA Tools	Technical Support	PSK VLSI Research foundation	Students projects

5	Electronics & Communication Engineering	GSM, Broadband, Networking.	Technical Support	BSNL	Students projects
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3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

The eminent Scientist/participants contributed to the events are the following:

S.No	Name of the Resource Person	Designation	Organization	Date of Visit
Department of CE				
1	Dr. A Rama Chandra Murthy	Principle Scientist	CSRI-SERC	18/02/17
2	Dr. M Rama Rao	Professor	RVRJC	04/01/16
3	Mr A Vara Prasada Rao	Dy. Director	Ground Water Department	22/01/16
4	Mr K Srinivas	Asst. Professor	JNTUK, Kakinada	20/06/15 21/05/15
5	Dr. K V Ramana Narra	Professor	JNTUK, Kakinada	20/06/14 21/06/14
6	Dr. S R K Reddy	Director	Gudlavalleru Engineering College	02/01/12
Department of CSE				
1	Dr. Prasad Krishna	Professor	NIT Suratkal	06/06/16
2	Dr. R B V Subramanyam	Professor	NIT, Warangal	02/05/16
3	Dr. ASN Chakravarthy	Associate Professor	JNTUK, Kakinada	04/05/16
4	Dr. Ganesh Iyer	Principal software engineer	Progress Software	08/10/15
5	Dr. KV Ramana	Professor	JNTUK, Kakinada	11/02/15
Department of ECE				
1	Mr SrikarTalla	Director	Entuple Technologies, Bangalore	03/08/16 to 05/08/16
2	Mr V Govinda Rao	Director	Micro link Peripheral Controls	10/08/15
3	Dr. Ganesh Iyer	Sr. Engineer	Program Software Development,	08/10/15

4	Mr B Kranthi Kumar	Director	QUE Technologies	29/01/16 to 30/01/16
5	Dr. Chandan Varma	Sr. Software Engineer	Wingfotech Technologies	22/02/16 to 23/02/16
6	Mr P Vikram Kumar	Research Scholar	IIT Madras	21/09/16 to 22/09/16
7	Mr Raja Bandi	Director	Lucid VLSI Design	30/11/16 to 02/12/16
8	Mr P Lakshmi Narasimham	Faculty	The IES GATE Academy	08/07/15
9	Mr Kalee Prasad	Sr. Engineer	Prasara Bgarati, Vijayawada	06/01/16
10	Mr Kishore Prabhala	Director	PSK VLSI Design center	01/03/16
Department of EEE				
1	Dr . K Venkata Reddy	Assistant Professor	JNTUK, Kakinada	27/01/17
2	Dr V S Mani	Scientist, Material	CMET, Hyderabad	30/09/2014-02/10/2014
3	Dr. D P Kothari	Rtd. Professor	Nagpur University	13/03/13
4	Dr. Aftab Alam	Asso. Professor	IIT Bombay	30/09/2014-02/10/2014
5	Dr. Sujoy Kumar Samanta	Professor	IIT Patna	30/09/2014-02/10/2014
Department of Mechanical Engineering				
1	Dr. Malladi	Professor	Malladi Educational Academy	01/10/16
2	Dr. Meera Saheb	Associate Professor	JNTUK Kakinada	23/09/16
3	Dr. C H Suresh Reddy	CEO	NIPPY Chemicals & Batteries Hyderabad	15/09/16
4	Mr T Johnson	Sr Executive Engineer	VTPS Vijayawada	20/10/16
5	Mr B V K Gupta	Professor	Andhra University	22/03/16
6	Mr Md Basheer	System Engineer	Infosys	22/02/16
7	Mr Md.Basheer,	System Engineer	Infosys	16/07/15
8	Dr. D Srinvasa Rao	Professor	DMSSVHCE	08/07/14
9	Dr. K Ramji	Professor	Andhra University	23/08/14
10	Mr M Chalapathi Rao	Dy.G.M(Retd)	BHEL HARIDWAR	27/09/13

3.7.5 How many of the linkages/ collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated.

a) Curriculum development/enrichment:

Curriculum gaps must be identified by inviting industry experts or by visiting the industries.

b) Internship/ On-the-job training:

Institute will make facilities for students and staff industry training whenever required.

c) Summer placement:

d) Faculty exchange and professional development:

Will be provided as and when required

e) Research:

To involve faculty and students in research projects

f) Consultancy:

The institution plans to take up the consultancy works along with students through interaction with Industries.

g) Extension:

Mentor Graphics, Cadence Design Systems, Intel Intelligent Systems Lab is functioning in our college.

h) Publication:

NIL

i) Student Placement:

Esteemed organizations regularly visit our campus for providing students placements regularly.

j) Twinning program:

APSSDC, CIPET, Swarna Bharati, NTTF, PMKVY and other skill centers programs.

k) Introduction of new courses:

APSSDC. Introduction to VLSI design, AUTO CAD, CATIA

l) Student exchange:

Will be provided as and when required by industry

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations. Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

The Institution is continuously making efforts in planning, establishing the collaboration with various academic and research oriented Industries for students and faculty members of various specializations. An Industry Institute Partnership cell has been established for this purpose whose function includes:

- MOU arrangements with various industrial organizations.
- Inviting Experts from various divisions from other industries for Guest Lectures, workshops and symposiums.
- To plan Industrial visits with the help of various collaborating agencies.

CRITERIA 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 facilitate effective teaching and learning?

The College has the following policy:

1. The college strictly follows institute norms. As per the department requirements, college develops its infrastructure from time to time to facilitate effective teaching.
2. As the institution is affiliated to JNTUK, Kakinada, whenever the curriculum is updated by university, institution takes measures to review the existing infrastructure and identify any requirement of additional infrastructure to be established.
3. For the effective teaching and learning process the class rooms are to be updated as per the recommendations received from the departments.
4. For the effective conduction of the practical sessions the laboratories are to be updated as per the recommendations received from the departments.
5. The college library is a collection of titles, volumes, with subscribed online journals and every year they updated with good number of volumes based on the requirements projected by the departments.
6. In addition to the curriculum based laboratories, the institute established R&D center for faculty research work and students in-house projects as per the recommendations received from the departments.
7. The Institute meets the requirements of curricular, extra-curricular, co-curricular activities as per the recommendations received from the respective committees.
8. The institute should fulfill all the building norms, fire and safety norms.

4.1.2 Details of 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.

The College has the following facilities:

Description	Nos	Unit Area in Sqm	Total Area in Sqm
Class Room/Tutorial	43	95.65	4112.95
Class Room/Tutorial	15	66.68	1000.2
Staff Rooms	46	5.57	256.41
Staff Rooms	48	5.13	246.24
Staff Rooms	3	66.68	200.04
Staff Rooms	4	37.16	148.64
Central Library	1	1248.6	1248.6

Department Libraries	6	37.16	222.96
Drawing Halls	2/2	273.33/136.66	819.99
Laboratories	55	66	6455.516
Seminar Halls	5	273.33	1366.65
Auditorium	1	1248	1248

Classrooms

- The institution has sufficient number of spacious and highly ventilated classrooms.
- All Classrooms are well-furnished and well ventilated, and supported with modern teaching gadgets.

Technology enabled learning rooms

- Departments are supported with e-classrooms with LCD projectors and audio equipment to facilitate technology enabled learning.

	
Classroom with Projector facility	Classrooms

Seminar Halls

- The institution has independent department wise Seminar Halls with the capacities of 200 persons respectively.
- Seminar Halls are equipped with LCD projectors, audio equipment, public addressing systems and Wi-Fi.
- These Seminar Halls are used for in-house employability skills training, departmental association activities, seminars, workshops, symposia and conferences.



Tutorial Classrooms

- Separate tutorial classrooms are available in each department for slow learners and for remedial classes.

Laboratories

- All laboratories are well equipped and well maintained not only for carrying out curriculum-oriented lab experiments but also to carry out the research activities.



	
<p align="center">Civil Engineering Lab</p>	<p align="center">English Communication Skills Lab</p>
	
<p align="center">Computer Lab</p>	<p align="center">Communications Lab</p>

Specialized facilities and equipment for teaching, learning and research

- The college has an exclusive English communication skills laboratory with multimedia equipment system.
- Every department has e-classrooms with an LCD projector and audio equipment.
- The institution has five seminar halls with LCD projectors, audio equipment and public addressing systems.

Department Association Committee:

- To co-ordinate the non-academic functions within the departments like organizing Group Discussions, and Seminars by eminent personalities from the various industries/fields, debates & quiz, preparation for campus interviews.
- To promote synergy among the students by promoting interactions and exchange of ideas.

- To upgrade the professional skills that enables students to face the challenges of modern world.

Facilities:

- The College is provided with an air-conditioned Auditorium with a fully sound proof set up and equipped with latest technology for all types of audio/video presentations.
- Every Department is provided with Seminar halls for conducting seminars, debates & quiz.

Extracurricular Activities – Sports, Outdoor and Indoor Games, Gymnasium, Auditorium, NSS, NCC Cultural activities, Public speaking, Communication skills development, Yoga, Health and Hygiene etc.

Extracurricular Activities:

- The College has been encouraging and providing facilities to students to participate in outdoor games like Volley Ball, Throw ball, Tennikoit, Kabaddi, Kho-kho, Foot Ball, Basketball and Cricket nets. Indoor Games like table tennis, Chess and Caroms.

SPORTS:

Indoor games:

Area of Indoor Room: 50F X 50 F

S. No	Name of the Sport	Existed
1	Table Tennis	4
2	Carrom Boards	6
3	Chess	5
4	Boys Gym	1
5	Girls Gym	1

Outdoor Facilities:

Area of Total Play Ground: 120 M x 100M

S. No	Name of the sport	Area of Court	Courts Existed	Courts Proposed
1	Volley Ball	18M X 9M	2	1
2	Throw Ball	60 F X 40 F	1	1
3	Hand Ball	40M X 20M	1	-
4	Ball Badminton	24M X 12M	1	-
5	Basket Ball	28M X 15M	-	1
6	Foot Ball	100M X 73M	-	1
7	Tenni Coit	40 F X 18 F	1	-
8	Badminton Outdoor	13.40M X 6.10M	1	-
9	Kabaddi Men	13M X 10M	1	1
10	Kabaddi Women	12M X 8M	1	-
11	Kho-Kho	27M X 16M	1	-
12	Cricket nets	30F X 60 F	-	2



Indoor Games



Outdoor Games

NSS AND NCC:

- The college has NCC and NSS teams which are actively undertaking social welfare activities like blood donation, Plantation of trees in and around nearby Villages, conducting various awareness programs around nearby Villages. NSS unit of 50 students various socially relevant services are provided by NSS students in surrounding villages like conducting blood donation camps and other activities periodically.



NCC Coordinator Cabin

CULTURAL ACTIVITIES:

The College has a Society named Dhanekula's Samskruthi – art, literary and cultural Society, carved out a special niche for itself in the field cultural activities. The students organize and participate in many cultural activities like group songs, skits and dance etc. The College has also been regularly participating in the zonal and Inter zonal youth festivals and University cultural festivals. The college also organizes Annual Day function every year where the students participate with zeal in many cultural activities. College has different forums to conduct activities.

Youth Forum

Objective: The club aims to foster a love for language, enhance literary creativity and provide an avenue for self-expression beyond the curriculum

Activity: The club has initiated competitions in group discussion, extempore, essay writing, debate, elocution, skit, quiz, to enhance the literary skills.

Fungama

Objective: The Club aims to promote the rich diversity and uniqueness of various arts and enrich consciousness to the students about their cultural heritage.

Activity: The club has conducted competitions like the dancing, singing, mime, mono action, mimicry, skit, painting, collage, photography etc. to promote their art and cultural skills.

Reading Club

Objective: Reading Club is to create an opportunity for people to become enthusiastic and enthralled with the wonderful world of literature.

Activity: The club has initiated competitions like book reading, story writing, storytelling, spell test, walking dictionary, and poetry writing etc to develop their language skills.

YOGA CENTRE:

The college has a yoga centre with an area of 150sq.m, is earmark for the conduction of yoga classes.

GYM:

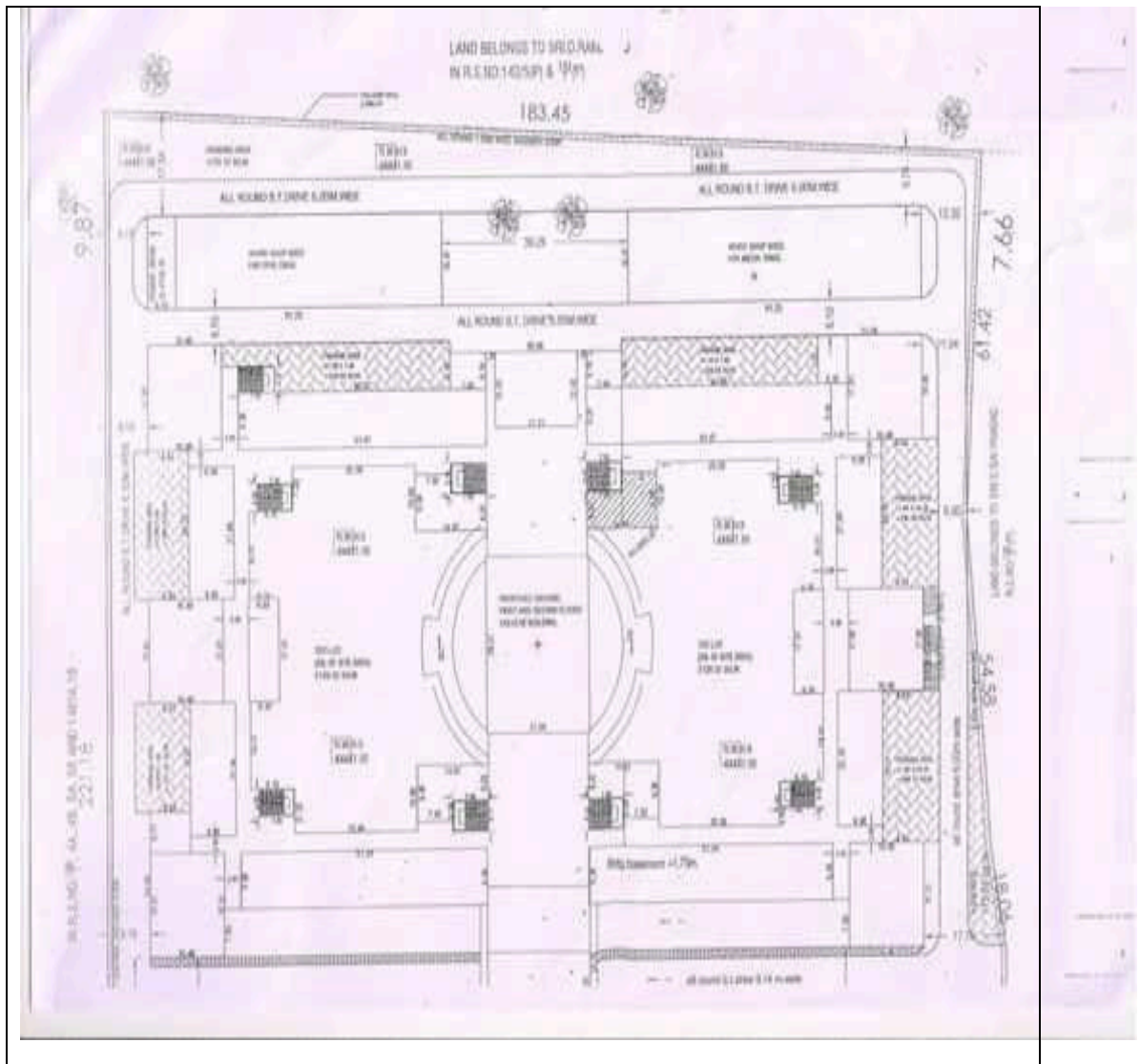
The college has two separate gyms for boys and girls with the area of 60sq.m each. And each gym consisting of 8 fitness machines.

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).

Institute has a mechanism to collect the feedback from the department committees and various other committees about the established infrastructure and its sufficiency, and also take the proposals for the future expansions.

Here these are some examples of facilities developed and the amount spent during the last four years.

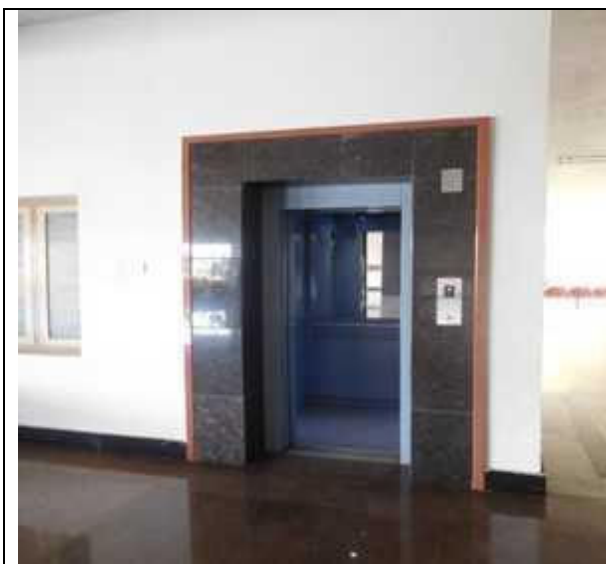
Master Plan of Institute



Sno	Name of the facility established	Build up area(sq.m)	Major equipment list	Amount spent in labs
1	Environmental Engineering Lab	96.42 Sq.m	Digital PH Meter	Rs.1,61,267
			Digital Turbidity Meter	
			Digital Conductivity Meter	
			Dissolved Oxygen Meter	
			Muffle Furnace	
2	GIS & CADD Lab	100 Sq.m	Stadd.Pro V8i	11,02,590
			Stadd Foundation	
			Arc.GIS	
3	Electrical Simulation Lab	66.93 Sq.m	HP Personal Computers(36No)	19,68,500
4	Power Systems Lab	31.9 Sq.m	3 Phase Transformer.	12,64,072
			3 Phase Alternator.	
			Transmission network for ABCD Parameters.	
			Transformer oil Testing Kit.	
			Tong Tester.	
			HP Personal Computers(8No)	
5	Pulse & Digital Circuits Lab	136.6 Sq.m	Analog Oscilloscope 30 MHz-15 No.	5,96,631
			Dual Channel Regulated Power Supply, 0-30V, 2Amps-15 No.	
			2MHz Function Generator-15 No.	
			3 ½ Digit Multimeter-30 No.	
			0-20 V DC Voltmeter-15 No.	
			0-200 mA DC Ammeter-15 No.	
			0-200 Micro Ammeter-8 No.	
			Bread Board-30 No	
			CRO Probes-30 No.	

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

The college special facilities for physically challenged students like Lift, Ramp and Wheel Chair. Department Heads and Staff members regularly counseling them and identify the requirements, facilitate them accordingly.



Lift



Wheel Chair



Ramp

4.1.5 Give details on the residential facility and various provisions available within them:(Hostel Facility, Accommodation available, Recreation facilities, gymnasium, yoga center, etc... facility for medical emergency, Library in the hostels, Internet and Wi-Fi, Continuous supply of safe drinking water Security).

Hostel Facility: Separate hostels for girls and boys with a capacity of 240, 132 respectively are available within the campus.

Gymnasium, yoga center: yoga center is available within college campus. Both boys and girls hostels are also present in the same campus so they can able to make use of these facilities beyond the working hours of the college.

Computer facility including access to internet in hostel:

Both boys and girl's hotels are having six internet accessible systems in their respective hostels.

For medical emergencies: The institution has a health center with one qualified part time doctor and qualified nurse. A college vehicle is available always for medical emergencies.

Library facility in the hostels: The central library is kept open beyond the working hours for the benefit of hostellers.

Recreational facility-common room with audio-visual equipment's:

Both boys and girls hostels are having a recreation room with television facility.

Available residential facility for the staff and occupancy: Residential facility for residence wardens is available in both girls and boy's hostels.

Constant supply of safe drinking water: RO systems with 1000 liters per hour are installed to ensure constant supply of safe drinking water.

Security: Security is available 24 hours a day at the hostels as well as in the campus.



Boys Hostel Room



Girls Hostel Room



Dining Hall at Hostel



Security at College Entrance



Recreation Facility at Boys hostel



Recreation Facility at Girls Hostel

4.1.6 What are the provisions made available to students and staff in terms of healthcare on the campus and off the campus?

First-Aid room with qualified part time doctor, qualified full time nurse is available in the campus during the normal working hours to meet the emergency requirements and all emergency life supporting facilities are kept available. Multi-Specialty Hospitals were located very nearby to the Institution, hence any emergency can be immediately attended. Institution has its own vehicle for emergency transportation and also has an agreement to avail Ambulance Facility from Boppana Hospitals.



Facility of Medical Emergency

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.

Separate Rooms / Halls are available for the following:

Name of the Cell	Main Coordinator	Facilities of the Cell
Internal Quality Assurance Cell	Dr. A Kiran Kumar	<ol style="list-style-type: none"> 1. Chamber (conference room) 2. Furniture 3. PC with printer facility 4. ICT facility 5. White board 6. Stationary 7. Sound system
Women Welfare Cell	Mrs D Bhargavi	<ol style="list-style-type: none"> 1. Room, Table, Chairs, Telephone 2. Systems with internet connection and printer, scanner 3. A room with overhead projector, audio and video setup 4. Videos, Magazines, journals
Student Counseling Cell	Dr. Ch Leelavathi & Ms J Pushpa Latha	<ol style="list-style-type: none"> 1. Guidance will include books, career monographs/literature audio-video and display material. Assessment tools include psychological test, inventories, checklist, questionnaires, schedules etc.
Training and Placements Cell	Mr V Sanjay Gokul	<ol style="list-style-type: none"> 1. Pre-Placement Talk Rooms, Group Discussion Rooms, are Equipped with LCD projectors, PCs, AV facilities 2. Interview Rooms

		3. Competitive and Placement Preparation books are available in main Library 4. Internet Facility
Students and Staff Grievance Redressal Cell	Dr. BVSN Hari Prasad	1. Complaints drop boxes are arranged 2. Counseling / Redressal room
Auditorium		The college has a modern, well equipped acoustic auditorium for workshops and seminars. The seating capacity of the hall is about 600.
Health Centre		Institute provides two separate gyms for both girls and boys and each gym is equipped with 8 exercise machines.
Canteen		The canteen is one of the biggest and liveliest places of our college. There are enough tables and chairs for all the students to sit during break time or lunchtime while eating. There are bottles of fresh water on the tables that students can drink. Furthermore, there is a dish-washer and some bins. All help to keep the canteen clean; therefore when finish their meal; they should throw the rubbish in the bin and put the dishes in the dish-washer. What is really nice is that there is always a special meal for vegetarians and non-vegetarians. They follow the day to day menu to provide the Tiffin's, lunch and snacks. All the activities of the canteen are regularly monitored by the canteen committee.
Social Welfare Committee	Mr T Kishore Kumar	1. Room 2. Desktop computer 3. Files 4. Racks 5. Student data from exam cell (from 2 nd to 4 th year) 6. Student book bank data from library (from 2 nd to 4 th year)
Anti Ragging Committee	Mrs D Srilaxmi	1. Room, Table, Chairs, Telephone 2. Systems with internet connection and printer, scanner

		3. Ragging Complaint Drop Boxes are provided in the college campus and hostel dining hall.
Safe Drinking Water Facility		The institute is equipped RO plant with a capacity of 1000lt per hour to make the drinking water facility for the institute. Institute facilitates totally 12 cooling freezers around the campus. Among these freezers five with 400 liters capacity, two with 200 liters and the reaming five freezers with 150 liters capacity.




Auditorium



Freezer with 150 liters Capacity



Freezer with 400 liters Capacity

	
Freezer with 200 liters Capacity	Canteen

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

Yes, The College has an Advisory Committee for the Central Library & Information Center. The Committee composition is as follows:

1. One Coordinator - senior faculty
2. 6 Faculty Members - One from each department
3. One from Library - Librarian
4. 25 Student Members - Three / Four Students from each department

The Committee members for 2016-17 is as follows:

S.No	Name of the Member	Designation	Category
1	V Vasanthi	Co-ordinator	Associate Professor / S&H
2	U Brahmani	Member	Assistant Professor / Civil
3	B Santosh Kumar	Member	Assistant Professor / EEE
4	P V Siva Teja	Member	Assistant Professor / ME
5	K Sushma Rani	Member	Assistant Professor / ECE
6	MSD Sameera	Member	Assistant Professor / CSE
7	G Janani	Member	Lecturer ECE / Diploma
8	A Kiran Kumar	Member	Librarian

S.No	Name of the Student	Designation	Category
1	A Kavya	Member	III CE / 148T1A0128
2	M Chandu	Member	III CE / 148T1A0111
3	N Uttam	Member	II CE / 158T1A0188

4	N.E.V.N.RaviTeja	Member	IV EEE / 138T1A0209
5	D Pavani	Member	III EEE / 148T1A0215
6	T PrasannaSai	Member	II EEE / 168T5A0223
7	P Rama Chandra	Member	II ME / 158T1A03A3
8	J PraveenBabu	Member	III ME / 148T1A0356
9	JV Naga Praveen	Member	IV ME / 138T1A03A8
10	Asifa	Member	I ECE / 168T1A0405
11	L Kaivalya	Member	II ECE / 158T1A0444
12	Md Nasreen	Member	III ECE / 148T1A0492
13	S MohanManoj	Member	IV ECE / 138T1A0445
14	KG Vaishnavi	Member	IV CSE / 138T1A05A1
15	B Rachana	Member	III CSE / 148T1A0568
16	J Gopala Krishna	Member	II CSE / 158T1A0530
17	G Himaja	Member	I CSE / 168T1A0536
18	G Ravi Kiran	Member	II CE / 15352-C-029
19	S Sadhika	Member	II CE / 15352-C-030
20	T Aakanksha	Member	II ECE / 15352-EC-001
21	A Prudhvi	Member	II ECE / 15352-EC-033
22	K Karthik	Member	II EEE / 15352-EE-015
23	V Ramya Sri	Member	II EEE / 15352-EE-033
24	Ch Harsha	Member	II ME / 15352-ME-013
25	K Suresh Babu	Member	II ME / 15352-ME-048

Its functions are to

- ❖ Identify the requirement of staff in library and propose to management for recruitment.
- ❖ Assess the financial support required by the library based on library standards.
- ❖ Serve as an interpreter of the requirements of the library to the committee and Authorities and recommend for funds needed.
- ❖ Provide support to the librarian in taking important decisions having implications for the users (Example: change in working hours, change in rules regarding membership and borrowing privileges etc.).
- ❖ Bring better understanding of the role of the library among the users.
- ❖ Make provision for sufficient funds for procurement of documents, employment of Staff, purchase of equipment, maintenance etc.

Significant initiatives implemented by the Committee are

- ❖ Started Students' Reading Club by purchasing general books which enhance communication skills and personality development.
- ❖ Initiated Students Library Forum to make all the students utilize the library resources effectively.
- ❖ Monitoring SC book bank from the Academic Year 2016-17 taking steps to extend the government facilities reach the deserved; collecting the books

from the SC social welfare association and distributing the books to the SC students of M.Tech, B.Tech and Diploma.

- ❖ Facilitating IDP – providing material to students covering information related to foreign studies

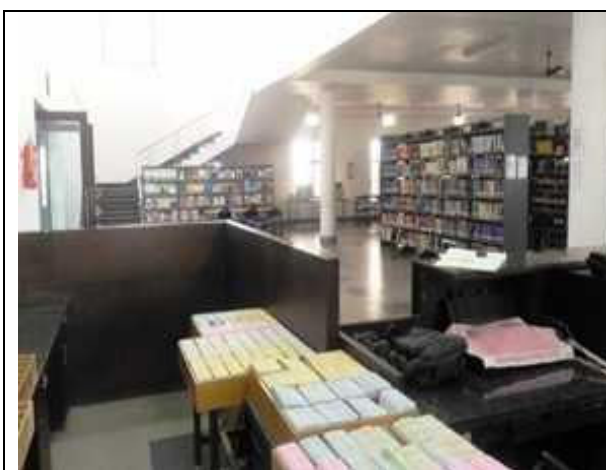


IDP Display Stand

4.2.2 Provide details of the following:

- Total area of the library (in Sq. Mts.): 1248.6
- Total seating capacity: 250
- Working hours (on working days, on holidays, before examination days, during vacation)

On working days	:	8.00 AM to 6.00 PM
On and during examination days	:	8.00 AM to 6.00 PM
During vacation	:	9.00 AM to 5.00 PM

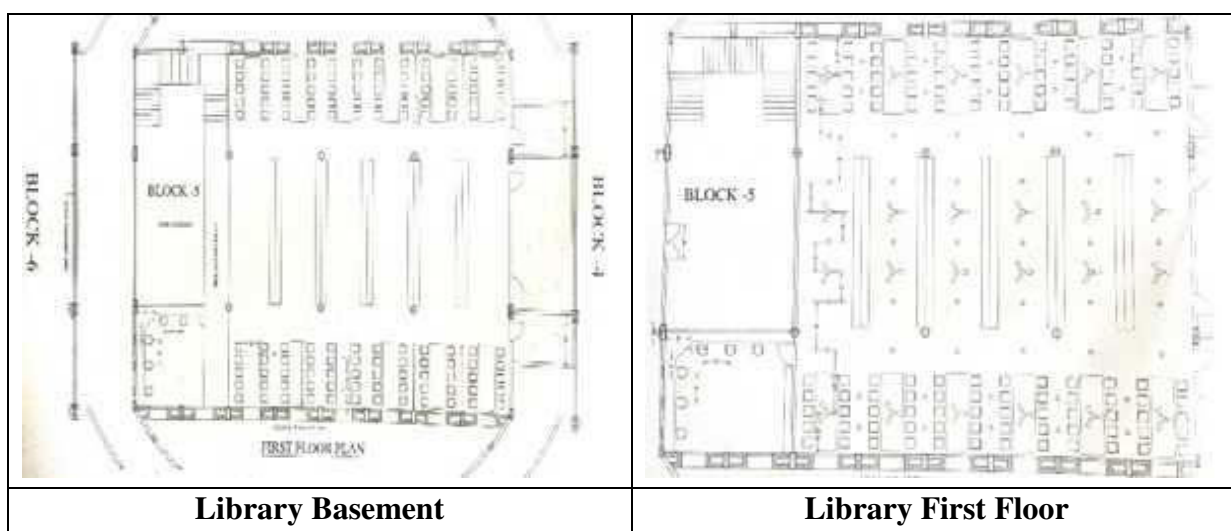


Cabin for Books Return/Issue



Collection of Volumes

Layout of the library:



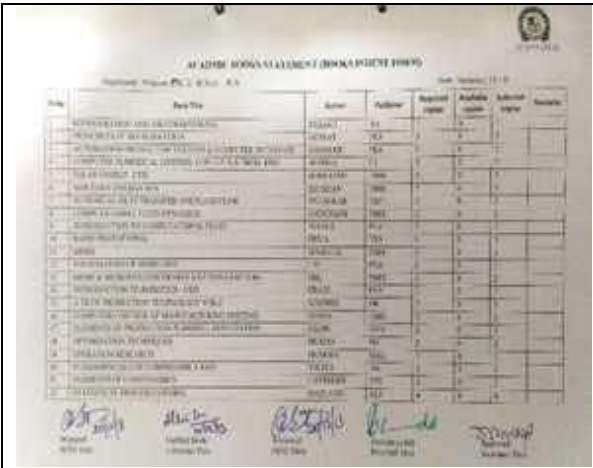
4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last two years.

Every semester the Library committee reviews the books prescribed / referred by the university on each subject and purchases the required number based on the suggestions of the respective faculty. In addition to that library will add new titles of books and journals with the support of staff and student library members; and the process includes collecting the book indents from students and faculty of every department.


The library committee reviews the usage of such books and journals and procurement of new journals.

Below are details of the amount spent on procuring the books, journals, etc:

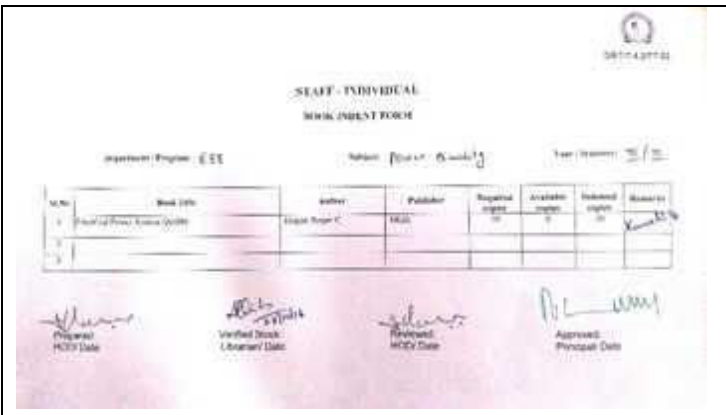
Library Holdings	2015-16		2014-15		2013-14	
	Number	Cost	Number	Cost	Number	Cost
Text Books	2137	7,20,800	585	2,00,123	2491	8,58,376
Reference Books	107	60,000	26	8,400	238	1,06,045
Journals	76	1,76,326	75	1,57,474	74	1,65,017
E-Journals	3192	8,81,436	2478	6,10,197	1615	5,36,531
Annual Expenditure	5512	18,38,562	3164	9,76,194	4418	16,65,969



(Staff) Library Indent Form



(Students) Library Indent Form



(Staff) Individual Library Indent Form

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- OPAC (Online Public Access Catalog) : Yes
- Electronic Resource Management package for e-journals : Yes
- Federated searching tools to search articles in multiple databases : Yes
- Library website (web page available) : Yes
- In-house/remote access to e-publications : Yes
- Library automation : Yes
- Total number of computers for public access : 16
- Total number of printers for public access : 1
- Internet band width / speed : 30 Mbps
- Institutional repository : Yes
- Content management system for e-learning : Yes
- Participation in Resource sharing networks/consortia (like Inflibnet) : Yes

4.2.5 Provide details on the following items:

- Average number of walk-ins : 170/Day
- Average number of books issued/returned : 82/Day

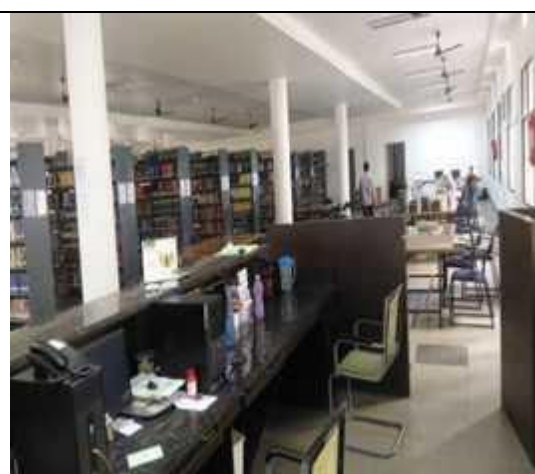
- Ratio of library books to students enrolled : 4:1
- Average number of books added during last three years : 1737/Year
- Average number of login to OPAC : 76/Day
- Average number of login to e-resources : 58/Day
- Average number of e-resources downloaded/printed : 42/Day
- Number of information literacy trainings organized : 2(Webinars)
- Details of “weeding out” of books and other materials : old news papers

4.2.6 Give details of the specialized services provided by the library

- Manuscripts : Yes
- Reference : Yes
- Reprography : Yes
- ILL (Inter Library Loan Service) : Yes
- Information deployment and notification : Yes
- Download : Yes
- Printing : Yes
- Reading list / Bibliography compilation : Yes
- In-house / remote access to e-resources : Yes
- User Orientation and awareness : Yes
- Assistance in searching Databases : Yes
- INFLIBNET / IUC facilities : Yes



Printer and Xerox Facility



Collection of Books

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

Apart from issuing and receiving books, the library staff provides the following support to the students and teachers of the college:

- Inform the students and staff of new arrivals, if any.
- Stay back beyond the college working hours for the benefit of the students.
- Help the students/faculty with printing and photocopying.
- Students and faculty and accordingly recommend purchase of latest books/journals as and when the requirement arises on day to day basis.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

The library is located on the ground floor and easily accessible to all the students, especially for the visually / physically challenged persons.

As on date on the rolls there are no visually challenged persons but the library staff will provide necessary assistance for the physically challenged students in the issue of books.

The Library staff is providing the following services at the counter itself without making the student move around.

- Downloading paper as per their requirement.
- Library staff assists physically challenged students in issue and return of books.
- One Wheel chair is Available in the Library



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 library provides feedback forms, to get the feedback from the users. Suggestions and complaints received as feedback are periodically reviewed and remedial measures are adopted for constructive feedback.

Faculty also give the feedback on Library resources and services in the Department Meetings, Library Advisory Committee Meetings This is a regular practice adopted in the library. Parents give their feedback during Parent Teacher Meetings, based on the study material requirements expressed. Feedback data is reviewed and analyzed by the library committee and appropriate steps are taken by the expert members for the improvement of the library services.

**Dhanekula Institute of Engineering and Technology
Ganguru, Vijayawada**

LIBRARY FEEDBACK FORM

Name : _____

Position : Faculty / Student / Non-Teaching staff / Visitor / Outside Researcher

Department : _____ Roll No. : _____

Section Visited : Circulation / Reference Section / E learning Centre / Others

Purpose of visit : _____

Frequency of Visit : Daily / Weekly / Monthly / Often

Help us evaluate the Library services by rating on 1-5 scale:

5 - Excellent	4 - Very Good	3 - Good	2 - Average	1 - Poor
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S.No	Criteria	Resourcefulness	Ambiance	Effectiveness	Overall Impression
1	Staff				
2	Surroundings				
3	Circulation (issues/returns)				
4	Books				
5	Periodicals				
6	E Learning centre				
7	OPAC				
8	News Papers				
9	General Books				
10	Other Resources				

Your Suggestions : _____

Date: _____

Signature: _____

4.3 IT Infrastructure

4.3.1 Give details on the computing facility available (hardware and software) at the institution. Number of computers with Configuration (provide actual number with exact configuration of each available system)

The College has 643 Systems. The following are the details of each Computer which is present in the College.

Sl. No	Configuration	No. of Units
1	HCL BuzyBee - Core 2 Duo- 1 GB DDR II - 160 GB HDD - USB KBD & Mouse - 18.5 " TFT LCD Monitor	74
2	Dual Core 2.8 - 1 GB DDR III - 320 GB HDD - USB KBD & Mouse - 14 " TFT LCD Monitor	66
3	HP Probook - 4410 -Core 2 duo 2.1 - 2 GB DDR II - 320 GB HDD - 14 " LED Monitor	2
4	Core 2 Duo 2.8 - 2 GB DDR III - 320 GB HDD - DVD r/w- USB KBD & PS/2 Mouse - 14 " TFT LCD Monitor	71
5	Accer Desktop - Accer Vrtion Desk Top/Intel Dual Core E5800/1 GB DDRIII/320 GB HDD USB/18.5 TFT Monitor/DOS/ 3 YRS wty	66
6	HP SF- 4000 - Dual Core 3.2 - 1 GB DDR III - 320 GB HDD - USB KBD & Mouse - 18 " TFT LCD Monitor	46
7	HP SF- 4000 - Dual Core 3.2 - 1 GB DDR III - DVD R/W/320 GB HDD - USB KBD & Mouse - 18 " TFT LCD Monitor	72
8	HP Probook 4430 - Core I5 - 3 GB DDR III - 500 GB HDD - DVD R/W 15 " LCD Monitor	6
9	HP Pro – 3335 MT - AMD Athlon II X2 255 Dual-Core Processor (3.1GHz), 4000 MHz FSB, L2 2 X 1 MB, AMD 785G Chipset, 500GB 7200 rpm SATAHDD, 2 GB DDR III RAM, Integrated Gigabit Ethernet Controller, Integrated intel Graphics card - 2500, 1 Mouse(USB) , 1 KBD (USB), 6 USB ports, 18.5" HP LED Monitor	100
10	HP-280 G1- MT DESKTOP-INTEL PEN G3250 3.2 GHZ Processor - 2 GB DDRIII RAM - 500 GB HDD - HP KBD & MOUSE	100
11	HP 280 G2 Micro Tower Business PC - Intel® Core™ i5-6500 (3.2 GHz, 6 MB cache, 4 cores) - Intel H110 Chipset Mother Board - 8GB DDR4-2133 DIMM - 1TB 7200 RPM SATA Hard Disk Drive - NVIDIA® GeForce® GT 720 2GB PCIe x8 - HP USB Keyboard and Optical Mouse - HP 22es 54.61 cm (21.5") Monitor	40
Total No. of Desktops		643

No. of Printers: 23

No. of Copiers: 01

Data Center		
Sl. no	Configuration of the Unit	No. of Units
1	Server - IBM Quad-Core X-3400 Quad-Core Intel Xeon E5410 Processor (2.33 GHz, 80 Watts, 1333 FSB)/12MB (2 x 6MB) Level 2 cache / 4 GB PC2-5300 Fully Buffered DIMMs (DDR2-667) RAM /Embedded 10/100/1000 MBPS LAN Adapter 3 x 146 GB SAS 15k RPM Hot pluggable HDD/ RPS (Redundant Power Supply) and RAID Controller Card/ 16X DVD ROM/ 19" LCD Monitor	1
2	Intel Xeon Processor with 800 MHz - 2GB PC 3200 ECC DDR RAM - 1.44 MB FDD 52X Combo Drive -IBM Server Raid 6i with ultra 320/128 MB Battery, backed cache/ Integrated Dual channel ultra 320 SCSI controllers - 4x146 GB 15 KRMP HDDS - redundant power supply - Integrated broad com 10/100/1000 Ethernet - Hot sway bays 6/ IBM keyboard - Mouse - 17" IBM color monitor	1
3	HPE ProLiant DL380 Gen9 Server - Intel® Xeon® Processor E5-2620 v4 (20M Cache, 2.10 GHz) – 2 x 16GB 1RX4 PC4-2400T-R KIT – 3 x HP 1TB 6G SATA 7.2k 2.5in 512e – 1 x hp smart array p440ar/2g fio controller – 1 x hpe embedded 1gb ethernet 4-port 331i adapter – 1xhp 2u sff easy install rail kit – 2 x hp 500w fs plat ht plg pwr supply kit – 1xhpe ilo firmware hpe iiLO042.0 2gb NAND – DVD R/W	2
4	HPE ProLiant DL60 Gen9 Server - Intel® Xeon® Processor E5-2603 v3 (15M Cache, 1.60 GHz)– 1 x 16GB 1RX4 PC4-2400T-R KIT – 3 x HP 1TB 6G SATA 7.2k 2.5in 512e – 1 x hp smart array B140i controller – 1 x hpe embedded 1gb ethernet 2-port 361i adapter – 1 x hp 1U SFF easy install rail kit – 2 x hp 900w AC 240 V DC Power module– 1x hpe ilo firmware hpe iiLO04 – DVD R/W	7
5	IAP-215- RW-JW228A-JW047A - Aruba Instant IAP-215 Wireless Access Point, Aruba IAP-215 (RW) Instant 3x3:3 11ac AP (Includes Mounting Kit- AP-220-MNT-W1W-MT-basic white mounting kit – support pack and Partner care for 1 year)	40
6	05-CRI- 0200iNG-01 – Firewall, Bandwidth Management, Multiple link Management, VPN & on appliance reporting. 05-TVSPPRC- 0200iNG-01 Total Value Subscription Plus includes Anti Malware, Anti-Spam, Web and Application Filter, Intrusion Prevention System 24x7 Support, hardware warranty and RMA fulfillment	1
7	Layer -3 Switch - ICX7250-24-2X10G- 24-port 1 GbE switch bundle with 2x1GbE/10GbE + 6x1GbE SFP+ (upgradeable to 10GbE) uplink/stacking ports upgrade – with stacking	2
8	SRW-2024 - SG300-SRW-2024 + 2 - Managed Switch	19
9	SG-300-10PP - 8Port Gigabit POE+ Managed switch	32
10	NAS Storage Server - ReadyNAS-4312x - Netgear Ready NAS 4312x diskless - 6 - Seagate HDD 10TB each (10TB HDD x 6 no's)	1
11	Raritan's EZ-116 ExpreZo EZ KVM switch 16 port with complete set of data cables	1

Computer-Student ratio: The College provided adequate computing facilities for all the students. The existing computer student ratio is 1: 4

Standalone facility: All 643 systems are connected to the LAN

LAN facility: All nodes in the college provide 24 x 7 accesses to intranet and internet to all the users faculty, students staff, guests, and visitors. The intranet installed at college, has advanced optic fiber cables running at 1 gbps and a star connected ring topology with high speed distributed structured CAT-6 cable network that gives a connectivity of 1 gbps to the entire campus including both girl and boys hostel. The college has high-speed multi-services enabled network infrastructure. The network is converged with integrated voice, video and data.

Wi-fi facility: Wi-fi facility with 200 sq mts accessing capability with 40 access points with a speed of pumping bandwidth. Providing secured wireless based on WPA-Enterprise authentication to all staff, students and staff over 40 IAP's 802.11 n controller based with dynamic VLAN assignment

Open Source Software: For judicious utilization of fund as well as not to violate the licensing agreements in use of advanced software tools, the College emphasizes on use of free and open source software. Availability of free licenses or open source products is first checked before going for purchase of any software. Students are also encouraged to use FOSS for their academic projects.

Licensed Software

Product Type	Name of the Product	Type
Server	Forefront Endpoint Protection	Licensed
Server	Windows Server 2003 Enterprise Edition (32 and 64 bit)	Licensed
Server	Windows Server 2008 Enterprise Edition (32 & 64 bit)	Licensed
Server	Windows Server 2008 Enterprise Edition – SP1 (32 & 64 bit) sp1	Licensed
Server	Windows 2008 Datacenter	Licensed
Server	Windows 2012 Datacenter	Licensed
Server	SQL Server 2008 Enterprise Edition	Licensed
Server	SQL Server 2016 standard Edition	Licensed
Server	Windows 2012 Datacenter R2	Licensed
Server	Oracle – 10g Enterprise Edition	Licensed
Server	Oracle – 11g Enterprise Edition	Licensed
Server	Rational Rose Win SL 8.1	Licensed
System	Fedora - 15	Freeware
System	Fedora - 13	Freeware
System	Fedora - 7	Freeware
System	Ubuntu 10.0.1	Freeware
System	Windows XP with SP2	Licensed
System	Windows XP with SP3	Licensed
System	Windows Vista SP1	Licensed
System	Windows 7 professional (32 & 64 bit)	Licensed

System	Windows 7 Enterprise with SP1 (32 & 64 bit)	Licensed
System	Windows 8 professional (32 & 64 bit)	Licensed
System	Windows 8.1 Standard (32 & 64 bit)	Licensed
System	Windows 8 Enterprise (32 & 64 bit)	Licensed
System	Windows 8.1 Enterprise (32 & 64 bit)	Licensed
System	Windows 10 Professional (32& 64 bit)	Licensed
System	Windows 10 Enterprise (32& 64 bit)	Licensed
System	10 Enterprise 2015 LTSC	Licensed
Application	MS-Office - 2003	Licensed
Application	MS-Office - 2007	Licensed
Application	MS-Office - 2013	Licensed
Application	MS-Office – 2013 SP1	Licensed
Application	MS-Office – 2016 – a cloud based application	Licensed
Application	Tally 9.0	Licensed
Application	Tax Deduction Source	Licensed
Application	Rational Rose Academic ENT	Licensed
Application	Rational Suite Enterprise	Licensed
Application	ECAP	Licensed
Application	Rational Seed Package Training & Course Material	Licensed
Application	Oracle 11g Enterprise Developer Edition	Licensed
Application	MSOffice Visio Professional 2007	Licensed
Application	Windows Mobile 6.0 Professional SDK	Licensed
Application	Turbo C	Freeware
Application	Microsoft Front Page 2003	Licensed
Application	Visual Studio Community 2015	Licensed
Application	Visual Studio Community 2016	Licensed
Application	Visual C++ 4.0	Licensed
Application	Expression media2	Licensed
Application	Code Gear C++ Builder	Licensed
Application	Multisim V11	Licensed
Application	Xilinx System Edition 13.1	Licensed
Application	Cadence University Software Program Bundle	Licensed
Application	PSPICE – 8.0 5	Licensed
Application	ArcGIS Basic Lab Kit 10.4	Licensed
Application	Academic Perpetual Offering Solution - Water & Waste Water	Licensed
Application	Academic Perpetual Offering Solution Structural	Licensed
Application	MATLAB 2016 A	Licensed
Application	STADD Pro V 8i	Licensed
Application	Autodesk Education Master Suite - 2011	Licensed
Application	Academic Perpetual Offering Solution - Transportation/ Offshore	Licensed
Application	Globerena English Communication Software	Licensed
Application	K-Van English Communication Software - Student Console	Licensed
Application	K-Van English Communication Software - Teacher Console	Licensed
Application	My SQL	Free Ware

Application	Tomcat(APACHE)Server 6.0.26	Free Ware
Application	Agenda 0.33.0	Free Ware
Application	Log talk 2.40.0	Free Ware
Application	Open Office 3.2.1	Free Ware
Application	Net Beans IDE for Java Enterprise Programming	Free Ware
Application	DB2Database Server	Free Ware
Application	CCStudio	Free Ware
Application	PCB Wizard Pro	Free Ware
Application	Model Sim	Free Ware
Application	Notepad++	Free Ware
Application	TASM	Free Ware
Application	KEIL U VISION	Free Ware
Application	PROTEUS.	Free Ware
Application	Easy PHP	Free Ware
Application	XAMPP	Free Ware
Application	JustInMind Prototyper	Free Ware
Application	Java 1.5	Free Ware
Application	Java 1.6	Free Ware
Application	Java 1.7	Free Ware
Application	Java 1.8	Free Ware
Application	RTool	Free Ware
Application	Rapid Miner	Free Ware
Application	Adobe Reader	Free Ware
Application	Winrar	Free Ware
Application	Eclipse 4.2	Free Ware
Application	Oracle ADF	Free Ware
Application	MASM	Free Ware

- **Number of nodes/ computers with Internet facility**

All 643 desktops relate to local area network that gives an intranet connectivity of 1gbps and a minimum of 30 mbps of secure high-speed internet connectivity.

- **Any other**

The college has good IT Infrastructure to facilitate e-learning. It has all the necessary facilities for lecture and live web streaming through the intranet or internet. Both Ethernet and Fiber-optic Lan as well as **wi-fi** LAN with internet facilities are there in all departments and office. The Ethernet LAN and 46 mbps internet facility have been upgraded into **wi-fi** LANs and internet connectivity to provide seamless receive and transmission of data as well as optimal and remote access of computing resources.

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

- Internet Connection

There are Three Internet connections in the Campus.

Provider	Speed	Type	Project
NettLinx	30 mbps	1:1	Self
BSNL	06 mbps	1:1	Self
BSNL	10 mbps	1:1	NMICT-MHRD

- The Engineering Computing Center (ECC) is a computing lab set up for engineering students only. During an average day, hundreds of students pass through the ECC doors. The ECC provides workstations running Windows 7 and Ubuntu with all licensed application software's. These systems are all connected to the campus network, through which they can access other workstations, including various servers, as well as the entire Internet. The entire facility is open from 8.00 AM to 6.00 PM.
- A set of core campus data center infrastructure services, standards, and methodologies and provide these resources to a broad range of campus entities.
- To enable centralized data storage and retrieval, datacenter will establish a suite of (uniformly available) core campus infrastructure services for storage, retrieval, backup, data mining and access. Currently, datacenter will provide 40 TB usable storage space for all regular academic activities.
- The institute has purchased IAP's (for Wi-fi) with high capacity and is utilizing it for students so that they can have concurrent access with sufficient speed.
- Institute has purchased HPC Servers with 8 core and 4 core and is planning to deploy it, in order to tackle internet-scale problems efficiently with high-density, low energy, software defined servers that radically reduce energy use and footprint, while increasing performance. Also, the plan includes storage can be used as File Server which is available for research purpose.
- By receiving prior request from department Datacenter will provide internet access to all departmental computer labs.
- **wi-fi** facility is provided in-side the campus, Library and provide **wi-fi** facility for all 4th year class rooms.
- The College provides internet facility to staff members at the respective departments to access the required study material from available e-resources and present them as part of their teaching process.
- Un-interrupted power supply is made available in the campus so that the students and staff can access the internet without any interruption.
- Resources for conducting online examinations like IBPS, GATE, JEE, etc., exist in the institute.
- The students and faculty can browse course ware by IIT, NPTEL video lectures and other lectures available freely in the internet.
- The Principal's Office, Administrative Office, Examination Section, Training and Placement Cell and Senior Faculty member cabins are provided with internet facility and faculty has sufficient workstations to share.
- ECAP [Engineering College Automation Package] can be accessed internally and externally.
- Computers with printing, Scanning and Xerox facility are provided to the staff in every department.
- With the use of Bio-Metric devices register the daily attendance of teaching and non-teaching staff members.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

A separate team named Centre for Technical Support (CTS) with in-house staff is formed to take care of the IT & related needs of the campus such as Software Development, Hardware & Networking, Website designing & hosting, Email solutions, SMS solutions, etc. CTS has upgraded the IT infrastructure and implemented the following plans.

- **Internet Bandwidth** - Currently the college is equipped with 46mbps leased-line 1:1. Institute is also planning to double the bandwidth capacity about 80mbps in due course of time to provide faster service.
- **Wi-Fi Facility** – wi-fi facility is extended to all class rooms and outside the campus.
- **LCD Projector** - All the laboratories are equipped with LCD projectors and a PC with internet connectivity. Faculties use such facilities to make the teaching learning process in laboratory more effective.
- **Web-Hosting** - The website of the institution is hosted in the campus itself through CTS. By analyzing the hits, bandwidth usage, etc., the configuration of the server will be changed to enhance the speed, improve spam filtering, etc.
- **Upgrading and Maintenance** - Keeping in view the increasing intake, programs and the technology etc., plans to acquire more computers and related infrastructure with upgraded hardware and software. Short-term goals include establishment of Electronic classrooms, thorough automation of all administrative and academic sections to become self-sufficient. Added to these many laboratories are also being modernized to ease the tasks of data retrieval and processing. All the computer systems in the campus are regularly monitored by the system administrator and maintenance staff. The maintenance staff will then go to the respective labs for identification of the problems and resolves the same at the respective places. In case of major problems i.e. replacement of component/part during warranty they are sent to the respective service centers and got replaced at the earliest. Periodic review is done to see that latest systems are in use in the college by replacing the non-functioning systems.
- **IT Audit** - Plan periodical IT Audits such as live monitoring and preventive maintenance, patches, updates, log reviews, firewall design and installation, network design, antivirus, malware, spyware, spam prevention solutions, wireless network, web security, etc.
- **Identity and Access Management (IAM)** - Define, develop and adopt a shared suite of IAM services to reduce duplication in our campus IT environment.
- **Campus Collaboration Tools** - Define and implement a set of collaboration tools and services to address teaching, learning, research, outreach, and campus service's needs. (Eg. Webcast the lectures live and host recorded lectures in the website).

4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years).

Amount spent for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution during last four years:

- The college has a comprehensive IT Policy which is governed by Centre for Technical Support(CTS). This Committee comprises Principal, Senior Staff Members, Network Administrator and Programmers.

- The college maintains a budget for the purchase of Information Technology (IT) equipment used by academic staff in carrying out their assigned duties. Criteria for the purchase of this equipment are determined by the HOD's and administered by the Principal Office.
- Written requests signed by staff and HOD for IT equipment purchases and maintenance for academic activities and purposes are submitted to the Principal's Office and require written confirmation supporting the request form from Principal.
- Approval of operational costs associated with IT equipment is normally reserved. As these are on-going costs, approval is subject to regular review and change. This applies particularly in the case of any change in circumstances.

Financial Year	2015-16	2014-15	2013-14	2012-13
Procurement of Computers	NIL	25,79,000.00	23,75,000.00	NIL
Upgrading	0.00	1,77,250.00	0.00	3,84,400.00
Deployment	19,17,428.00	2,76,835.00	9,16,205.00	10,44,499.00
Maintenance	15,24,990.00	11,84,168.00	9,00,981.00	9,13,144.00
Total Amount	34,42,418.00	42,17,253.00	41,92,186.00	23,42,043.00

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?

- All the classrooms are equipped with LCD projectors and a PC with internet connectivity. Faculties use such facilities to make the teaching learning process in classroom more effective.
- The Institution has adequate computer facility for its faculty. Faculty members are provided with computers with internet facility for preparation of teaching/ learning materials in their respective departments.
- Each department has its own computing facility based on the curriculum demand. Number of computer laboratories and number of computers in each laboratory vary from department to department.
- The faculty and students can access e – resources available in the library or ECC through Wi-Fi facility and through computing facilities available with each department. -
- Each department in the institute has individual seminar hall Air-conditioned seminar halls and conference rooms of every department are equipped with LCD Projector, public addressing system, Audio Visual tools. -
- **Google Groups:** Each class/division has created a different Google group which is a free, online service that helps students and teachers to easily share information and communicate effectively. These groups are public or private places where members can share files, post ideas, and conduct discussions via email. All emails sent to the group are archived for future reference and are easily searchable.
- **Blogs:** Institute has always motivated faculties for enrolling themselves into such advance teaching learning through creation and utilization of **blog spot** which can

be treated as a bulletin. Blogs can promote open dialogue and encourage community building in which both the teacher and student can exchange opinions, ideas, and attitudes. Contributing to such teaching learning process can certainly lead to improved student results.

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 center of teaching-learning process and render the role of a facilitator for the teacher.

- The institution acts as a facilitator for e-learning material (NPTEL video lectures) and the accession of online lectures of various experts from IITs, NITs and Reputed institutions.
- e-class rooms are provided in the departments for this purpose.
- The facilitator builds constructionist classes where there are mutual positive and active responses from the teacher and the learners, and even among the learners themselves within the one classroom.
- Apart from teaching skills and the knowledge of the faculty, PPTs and relevant videos help the student to easily grasp the concepts and gain complete information about the subject concerned in the class room. Hence the entire faculty in the college is encouraged to use to use such modern methodologies.
- The teachers are encouraged to reorient from time to time and encouraged to understand their role as facilitator in addition to teacher.
- College regularly conducts special lectures through webinars facility with organizations like APSSDC etc.,
- Information can be accessed via digital library facilities that are provided to all the students and staff to improve quality in teaching, learning and research.
- Individual student email id is provided and managed by the CTS.
- Departments like Computer Science and Engineering have created blogs for few subjects like Operating System, Database Management System, Cloud Computing, Advance Computer Networks, etc. Institute has always motivated faculty for teaching discussion and utilization of blog spot. Blogs can promote open dialogue and encourage community building in which both the bloggers and commenter's (Teacher and student) exchange opinions, ideas, and attitudes. Teachers can use a blog to publish instructional materials that the students can access to and where the students can make comments. Teachers can assign tasks to students which should be done using blogs (i.e., publishing articles and sharing them with other students). Teachers can observe and monitor the students' progress offline, and identify the learning needs that have not been considered (e.g., students may directly or indirectly express their doubts on blogs). As the information on students' blogs is growing, teachers need to classify summaries and evaluate students' doubts and then publish the teachers' opinions, directions, and feedback on their posted doubt.

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?

NO

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)?

Allocation of financial resources is based on the following:

Building & Equipment Maintenance: The Previous data for Maintenance expenditure is taken into account while allocating budget for building and equipment maintenance. Approximately 10% over the previous year's actual expenditure is considered for the current year. The amount for the maintenance of Equipment should be met with the department proposals.

Maintenance of Computers: Maintenance of computers is carried out by department technical staff. The need for up gradation of equipment & computers is ascertained from the HODs and allocation is made accordingly.

Vehicle Maintenance: The regular maintenance requirements of the vehicles and need for changing any spare parts are ascertained from the Transport Committee and provision is made accordingly.

Campus Maintenance: The need for repairs & maintenance of roads, gardens, play grounds, etc. is ascertained and provision is made accordingly.

Administrative & Miscellaneous expenditure: Requirement of stationery, etc. based on the student & staff strength and previous years 'maintenance are taken into consideration while allocating budget.

Details of amount spent for maintenance of facilities during the last three years:

Details	EXPENCES (in Rupees)							
	2016-17		2015-16		2014-15		2013-14	
	budget allocated	Amount spend	budget allocated	Amount spend	budget allocated	Amount spend	budget allocated	Amount spend
Buildings	50,00,000	54,36,729	40,00,000	21,62,934	30,00,000	20,95,738	20,00,000	20,07,860
Computers and Equipment	15,00,000	12,68,874	10,00,000	4,25,589	8,00,000	8,78,920	5,00,000	5,57,256
Vehicles	2,00,000	3,25,728	2,00,000	4,31,486	2,00,000	1,25,859	2,00,000	1,86,898

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the Infrastructure, facilities and equipment of the college?

Various committees are constituted for the maintenance and upkeep of infrastructure, facilities and equipment. A senior faculty headed by the in charges from each department take initiation, as committee members. They make proposals for the effective maintenance of infrastructure and get approval from management.

A monthly meeting of committee members is conducted to review the functioning of each facility. Attempts are made to make all the facilities more and more effectively and student friendly.

The institute maintenance and repair and upkeep of infrastructure and other facilities. Maintenance staff is allotted for various jobs for different categories.

General Maintenance Committee

- 1 K Ramakoteswara Rao (Assoc. Professor, ECE)
- 2 K Vamsi Krishna (Asst. Professor, CIVIL)
- 3 M Sirisha (Asst. Professor, EEE)
- 4 K Ravi (Asst. Professor, MECHANICAL)
- 5 P Jagadeeswara Rao (Asst. Professor, CSE)
- 6 K Dasaradha Ramaiah (Asst. Professor, Dept. of Maths)

House Keeping:

Sweepers and a supervisor are allotted for a particular area. All the sweepers are required to sign in the register at the supervisor to confirm that he/she has done the duty. The supervisor should attest the same. Fire hydrants and fire Alarm Systems are installed in all floors of the building. This system installation consists of a water distribution system with a suction piping, fire alarm and a distributing piping system having nozzles and hoses. This can touch any corner of the floor as a spray.

Duties of Sweepers:

- Cleaning of class rooms, corridors, floor cleaning of laboratories, staff rooms and other areas allotted.
- Dusting of furniture and windows in the class rooms and also cleaning of glass boards.
- Dusting of departmental furniture/equipment/machines shall be done by department attenders and lab technicians.
- Swabbing of corridors.
- Clearing cobwebs in the corridors, class rooms and other areas, except department labs.
- Supervisor shall personally monitor the work and lock the class rooms after he is satisfied with the work.

Toilet Hygiene:

- Each toilet is to be cleaned three times a day, which will be checked by supervisor concerned.
- Care is taken in providing exhaust fans, daily cleaning with phenol or detergents, use of naphthalene balls.

Class Rooms:

The committee deals with the maintenance, monitoring, fixing and repairs related to LCDs and screens, replacing periodically spoiled black boards and white boards, broken glass panes of windows in classrooms and elsewhere.

- Use of non-dust chalks.
- Daily sweeping of class rooms.
- Wet cloth cleaning of benches (at least twice a week).
- Black board cleaning (with wet cloth daily).
- Provision of dust bins in each class room.

Floors:

- Daily sweeping and cleaning with wet cloths to ensure dust-free surrounding.
- Provision of common dust bins at various locations in each floor.

- HODs/In-charges shall make complaints regarding hygiene to the Principal, which will be forwarded to the Project Officer for necessary action. Project officer shall maintain a register for the purpose in which the complaints and action taken against the complaints are recorded.

The following registers shall be maintained for the above:

- Requisition form and register.
- Complaints register and file.

Laboratories – Maintenance

Regular maintenance check of equipment is carried out in all the laboratories. As per the requirement, minor repairs are carried out by the lab assistant & faculty member. Major repairs are outsourced by following the procedure of the institute. Breakdown register accessories and glassware are timely replaced.

- Preventive maintenance is followed.
- Periodical checkups and calibration of equipment in all laboratories to make sure smooth conduct of all the lab hours.
- Depending on the experiment, one, two or a maximum of three students perform a single experiment with common set of apparatus.
- Additional experiments are designed to utilize all the equipment available in the lab.
- Stock verification is being conducted in all laboratories every year.

Computing Facilities-Maintenance

- Computing facilities are provided as per the AICTE norms, even extra computers are provided to meet the practical requirements.
- Internet connectivity with a total of 46 Mbps band width is provided.
- All the computer systems in the college are on LAN with OFC backbone.
- Computing facilities are made available to the students for 8 hours a day
- The number of computers to be made available will be as per the requirements.
- A team of technicians with a faculty in-charge takes care for the maintenance of computers.
- Necessary Licensed software is procured.
- Internet and biometric facilities and related upkeep services are maintained by CSE department.
- Servers like LINUX, WINDOWS, Web Servers, Database etc., are provided.
- Additional projects are taken up by the students for optimum utilization of the facilities.

Electrical Maintenance:

It consists with two faculty members from the department of EEE, electrician and diesel mechanic. The dedicated electrician/operator has been designated for the power house duty for daily inspection, cleaning and maintenance of DG sets and record keeping in log books.

The following are the duties of the committee:

- Engine oil, diesel oil filters and air filters are replaced for every 250 hours.
- Replacement of coolant water in radiator for every one month.
- Checking of Earth daily and main capacitors weekly.

They also perform regular checks in classrooms and else ensure that all lights, fans, ACs are working in proper condition. Problems noticed are rightly fixed.

Water purifier maintenance:

Water purifier is located on second stair which is built on safe measures, and far away from electrical substation and drainage system. Purified drinking water is supplied to all floors, administrative offices, hostels and canteen.

This committee ensures:

- Monitoring and safe distribution of water through pipelines.
- Providing water with RO water purifier
- Periodical maintenance of water coolers and purifiers
- Repairing or changing of damaged water taps and pipes.
- Cleaning the water tank periodically.

Transport Committee:

This committee consists of two members with transport supervisor and vehicle supervisor. All the drivers should have valid driving license. The PUC, Insurance, RC and Fitness Certification for all vehicles are obtained as per RTA norms.

This committee ensures:

- Implementation of preventive /break down maintenance of the vehicles
- Minor maintenance of vehicles by full time mechanics
- Alternative vehicles are arranged in case of emergency

	
BUSES	RO Plant

Green Cover Maintenance:

A gardener has been designated for the responsibility of daily inspection, cleaning, watering, de- weeding, and maintenance of hedges, lawns and horticulture equipment. A separate record is kept for noting the activities. The supervisor ensures the timely servicing of the equipment needed for gardening. The other activities maintained by Maintenance Department are:

- Plumbing concerns
- Regular cleanliness of all the buildings and Toilets
- Supply of raw water to RO plants
- Pest control treatment and monitoring
- Gardening and watering plants
- Basic supplies for campus maintenance

To enable proper waste reduction, recycling water plant is installed in the campus where the waste water is recycled and used for campus irrigation.





4.4.3 How and with what frequency does the college take up calibration and other precision measures for the equipment/instruments?

As and when required, the departments take the initiative to calibrate the precision instruments for their optimum and assured performance, through suppliers and service personnel periodically and in some cases through annual maintenance services. The departments maintain the complete records of such services.

Precision equipment like voltmeters, ammeters and energy meters etc. were compared with the respective calibrated equipment and performance chart shall be drawn by respective departments once in a year to ensure the precision of the instruments.

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 locations of sensitive equipment of the institute are decided by considering minimal impacts of environmental factors. All PC'S in computer labs are maintained through UPS and all component level labs are maintained through stabilizers from voltage fluctuations.

	
<p align="center">UPS</p>	<p align="center">Stabilizer</p>

Drinking Water:

The College has a pumping station with automatic level monitoring/controlling facility for the constant water facility. The RO plant with 1000 lit/hr capacity is run and maintained by back washing of filters in the RO plant daily. Water supply provision is made near needed equipment/lab and 24 hour water supply is ensured. Water will be tested in the chemistry lab of the college as and when required and at least once from the external agency.

A separate drinking water & storage tanks in the college. They are cleaned regularly. Water coolers are provided on each floor of the buildings and in various places on the campus. They are cleaned every week and maintained properly. To ensure constant water supply, the institute has established water tank with water filter and purification plant. Water coolers are provided on each and every corner of the floor. They are cleaned every week and maintained properly.



CRITERIA V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Yes, The Institution publishes its updated prospectus annually. It consists of all the necessary information the students need to know.

It Gives the details about:

<ul style="list-style-type: none"> Profiles of the Management & Principal 	
<ul style="list-style-type: none"> Profile of all Departments 	
<ul style="list-style-type: none"> Courses offered 	
<ul style="list-style-type: none"> Other facilities like libraries and hostels etc., 	
<ul style="list-style-type: none"> Details of Training & Placements 	
<ul style="list-style-type: none"> Achievements of the institution 	

The institution ensures its commitment and accountability with the following:

- Providing the infrastructure, facilities and amenities and maintaining hygienic atmosphere.
- Organizing Curricular, Co-curricular and Extra-curricular activities for holistic development of the students and staff.
- Organizing intra and inter-institutional activities to improve the skills of the students and staff.
- Creating an opportunity for students to inspire and try to learn from self and peers.
- The same data, which is distributed in the college prospectus, is additionally overhauled on the college site: www.diet.ac.in

5.1.2 Specify the type, number and amount of institutional scholarships / free-ships given to the students during the last four years and whether the financial aid was available and disbursed on time?

The list of students who had received the scholarships for the last four years:

S.No	Student Name	Roll No	Year	Organization Name	Amount of Scholar Received in Rupees			
					I Year	II Year	III Year	IV Year
1	PARUPALLI SAHITHI	138T1A0564	IV	PRAGATHI SCHEME FOR WOMEN	25000	25000	25000	25000
2	T SOWMYA	148T1A0594	III	ANGALURU HC	57700	57700	57700	
3	G HIMADHAR	168T1A0210	I	SIDDAHARTHA ACADEMY	7000			
4	SISTA SRUJANA BHASKARAM	158T1A0351	II	SOUTH CENTRAL RAILWAY ASSOCIATION	32000	32000		
5	SHAIK JAKRIYA	148T1A0385	III	CENTRAL GOVT OF MERIT CUM MEANS SCHOLARSHIP		23000		
6	SHAIK WASEEM SOHAIL	148T1A0390	III	CENTRAL GOVT OF MERIT CUM MEANS SCHOLARSHIP		23000		
7	VEERAMACHANENI VENKATA SAI TEJA	138T1A03A8	IV	SOUTH CENTRAL RAILWAY ASSOCIATION	30000	30000	30000	30000
8	K V ANANTHRAM	158T1A04A7	II	AMERICAN PROGRESSIVE TELUGU ASSOCIATION	15000			
9	K V SAI KUMAR	158T1A04A8	II	KAPU OFFICIAL AND	3000	4000		

				PROFESSIO NAL ASSOCIATI ON				
10	P LIKITHA	158T1A0446	II	PRAGATHI SCHEME FOR WOMEN	200 00			
11	R DEDIPYA	158T1A0418	II	PRAGATHI SCHEME FOR WOMEN	200 00			
12	V POOJITHA	148T1A0458	III	IPE MERIT SCHOLAR SHIP	100 00	100 00	100 00	
13	K SAI RESHMA	138T1A0470	IV	KAMMA SANGAM			500 0	600 0
				SIDDARTH A FOUNDATI ON	400 0	500 0	500 0	500 0
14	K SRAVYA	138T1A0490	IV	SOUTH CENTRAL RAILWAY ASSOCIATI ON		150 00	150 00	
15	K SWETHA	138T1A04A 4	IV	KAMMA SANGAM		500 0		
				KCP SUGAR FACTORY EMPLOYEE S ASSOCIATI ON		500 0	500 0	
				ANDHRA PRADESH LABOUR ASSOCIATI ON			100 00	

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

The Government of Andhra Pradesh offers financial assistance to students from economically weaker sections in the form of fee reimbursement. More than 60% of the students of the college get benefited from these scholarships.

Details		2016 - 2015	2015 - 2014	2014 - 2013	2013 - 2012
Category	SC	213	210	205	184
	ST	7	2	5	7
	BC	509	485	431	339
	EBC	512	483	426	318
	Minority	114	98	91	66
Total Amount Rs		24,570,000	22,268,000	19,153,000	13,718,120

S.No.	Academic Year	Percentage of Students					Financial Assistance
		EEE	ECE	Civil	Mech	CSE	
1	2015-2016	56.76	64.72	62.80	60.88	54.23	State Government
2	2014-2015	61.06	61.24	59.43	62.87	56.17	
3	2013-2014	64.14	52.90	57.53	61.90	58.18	
4	2012-2013	67.94	43.99	55.23	57.99	58.19	

5.1.4 What are the specific support services/facilities available for

(a) Students from SC/ST, OBC and economically weaker sections:

At the time of admission itself the Students from SC/ST, OBC and economically weaker students are identified based on their authenticated disclosures and the college will maintain the same record. These students are eligible to avail scholarships and other benefits provided by the government. Besides the Central Govt., the State Govt., and the other N.G.O. sponsored scholarships the students are made aware of the different types of schemes that are available from the Social Welfare Department & Government.

(b) Students with physical disabilities:

For physically challenged students, the institution is committed to accommodate facilities like class rooms, rest rooms etc in the ground-floor. The institution has taken all measures for such type of students and constructed a ramp, lift and attendant facility for their internal movement. A wheel chair is also available in the campus.

(c) Overseas students:

There are no overseas students who have taken admission in this Institution.

(d) Students to participate in various competitions/National and International:

The students are encouraged and allowed to participate in competitions at other colleges. For that, leave in absence and technical help is provided by the institution. Academic guidance and financial assistance is being extended by the institution to participate in various co-curricular events in inter-college, state level competitions / conferences. Information on such events is displayed in the departmental and common notice boards. The staff in-charge of associations takes responsibility for keeping the students information.

Department Association of Electrical Engineering - EEE SPARK					
(EEE Students Promoting Awareness of Realistic Knowledge to participate)					
Academic Year 2016 - 2017:					
Sno	Event Name	Date	Event Guest/ Event Winner		No
SEM-I					
1	Ethics & importance of Yoga	21.06.2016	Srinvas Raju		90
2	Paper Presentation	15.7.2016	Sk Nageena	D Hari Chandana	
3	Lecture on CAT	28.07.2016	P . V. Narasimha		51
4	Benefits on joining NCC	04.08.2016	M.T. Krishna swamy		47
5	Theme Ballet	5.8.2016	T Kalyan	R Kalyan	
6	Diabetes in women-risk for college girls	06.08.2016	Dr.saritha kakani		38
7	Touching borders & touching lives	03.09.2016	Lakshmanan R.k		72
8	Lecture on CAT	08.09.2016	Kishore kumar		53
9	Engineering day	1.09.2016	Dr.ch.suresh reddy		45
10	Debate	16.9.2016	D N. Tirumal	sowjanya	58
11	About transmission & distribution and also substations	17.09.2016	B. Raju		60
12	Thermal power plants	23.09.2016	V. Srinvas rao		42
13	Informative hub for students	24.09.2016	V.Venkateswar reddy		69
14	Emerging Trends & Opportunities in Engineering	7.10.2016	Sk Khaja Mohiddin	K Satish	
15	Police formation day	15.10.2016	K. Damodar		37
SEM-II					
16	An awareness program on cashless economy	26.11.2016	V.Muralikrishna		50
17	Cashless economy	01.12.2016	D.K.Balaji		50
18	Career Counseling for guidance	13.12.2016	Mr. Amalesh & suryam, sravan		43
19	Awareness Program on road safety measures	15.12.2016	Joshi JSV		48
20	Basic Concept	16.12.2016	T .ganesh	J Prasanna	
21	Necessity of enhancing energy efficiency in present scenario	20.12.2016	M .Durgaprasad		182
22	Global working skills	30.12.2016	Dr. Nikitha Fiona nelabradi		93
23	Quiz	24.1.2017	N Ravi Teja	N Tejaswin	
24	Overview of electrical engineering	27.01.2017	Dr. k venkat reddy		175

25	Technical quiz	10.2.2017	M.Pushpa Latha	G Gandhiji	48
26	Group discussion	17.3.2017	D Hari Chandana	Sk Sydabi	56

(e) Medical assistance to students: health center, etc.

Healthcare facilities are available at the College. It has a separate consulting room with 01 bed and a pharmacy. One part time doctor, staff nurse are employed to attend the cases if any within the campus. The Doctor is available in the campus on every Saturday in the morning session from 9.00 to 10.00 AM for regular check up of students and the nurse is always available in the healthcare center.

(f) Organizing Coaching classes for competitive exams

The Placement and Training Centre of the Institution organizes seminars and workshops in soft skills to orient and train the students towards their career and higher education. The Centre caters to the needs in career guidance of students besides organizing training and placement activities regularly. The students are given coaching on aptitude and reasoning, and also on soft skills. Apart from this for career progression Soft skills, Resume preparation, Group Discussion, Interview questions skills, short term computer courses, placement training programs are conducted during the summer. The college has conducted exclusively CRT program for fourth year students and the details are

S.No	Training Company	Batch	No of Students attended
1	Face	2014-15	230
2	Wisdom Kites	2015-16	320
3	Lorang Technologies	2016-17	350

(g) Skill development (Spoken English, Computer literacy, etc)

As majority of students who take admission in this institution are from rural back ground hence it is a primary duty of the institution to develop required basic communication skills among the students. For this the institution has taken steps by allocating one hour in the regular time table from the First year First semester onwards and experts from the college and as well as from the surrounding institutions are made involved in this program. From the third year onwards continuous workshops, seminars will be conducted to enhance their skills. A separate communication lab within the campus has been established to train the students.

Skill development programs for Computer literacy are organized in the institution in collaboration with Andhra Pradesh State Skill Development Corporation (APSSDC). Our institution has a MoU with APSSDC since 2015. Here is the list of programs held for the academic year 2016-17.

APSSDC Programs

May 2016- October 2016

Semester I total students trained - 158

S.no	Year	Branch	Program Name	Total Students
1	III	CSE	Mobile App Development	23
2	IV	ALL	CRT	191
3	III	CSE	Android Applications	44

December 2016-March 2017
Semester II total students trained - 450

S.no	Year	Branch	Program Name	Total Students
1	IV	CSE	Web Applications-PHP	44
2	III	CE	REVIT	14
3	III	ME	CATIA	61
4	III	ECE	VLSI	28
5	III	CSE	.NET Technologies	69
6	II	CE	Auto CAD	19
7	II	ME	Auto CAD	60
8	II	ECE	VLSI	62
9	II	CSE	Data Structures & Alg. Techniques	53
10	I	CSE & ECE	Problem Solving Skills	40

(h) Support for “slow learners”.

From each class, slow learners are identified by the class teacher. For those students Remedial Classes are conducted after college hours. Teachers are allotted to help such students. Make up and tutorial classes are arranged for slow learners separately. Tutorial classes are conducted along with regular class work. Slow learners/students who are at risk of failure and dropout are identified and based on the performance of the students up to the first half of the semester, and such students are provided with special coaching and counseling for their enhancement. Remedial classes are also conducted to the students who have backlogs.

The identified slow learners in respective subject, special attention should be given by that subject teacher and conduct some extra class tests after completion of a topic/ unit. And these tests are evaluated, based on evaluation further steps are taken.

(i) Exposures of students to other institution of higher learning / corporate / business house etc.

Students are encouraged to participate in seminars, workshops and competitions organized by other institutions to get a better exposure.

To promote the corporate exposure among the students, The Institution invites the industry professionals, experts for guest lectures, and also by conducting industrial visits to the students to acquire practical knowledge and to get the awareness about the recent developments.

(j) Publication of student magazines

To encourage Students, the various activities by the students within the campus and achievements of the students are published in the department student magazines. Every month every department publishes newsletter and once in a year the institution publishes a magazine with all the events takes place during that academic year. This activity helps students to gain knowledge of latest issues in industries.

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 (EDC), to encourage the students towards entrepreneurship. Entrepreneurship Development Cell of the college is committed to the cause of encouraging entrepreneurship among students who are very much interested in taking up challenging entrepreneurship as their career.

The Entrepreneurship Cell provides the following support to the student community:

1. By organizing Entrepreneurship awareness programs.
2. Helps to identify entrepreneurial opportunities.
3. The center invites various renowned entrepreneurs to share their experience viz., initial challenges in the career and methods they adopted to overcome, and about the assistance from the state and central government to encourage the new entrepreneurs.
4. To conduct skill development training programs leading to self-employment.

Entrepreneurship Development Cell constituted with the following members.

S.no.	Name	Department	Designation	Status
1	P V Hari Prasad	CSE	Assoc. Professor	Coordinator
2	KBV Satya Prakash	ME	Assoc. Professor	Member
3	R Mahalaxmi	ECE	Asst. Professor	Member
4	B Vijaya Lalitha	CE	Asst. Professor	Member
5	R Renuka Devi	S&H	Asst. Professor	Member
6	M Sirisha	EEE	Asst. Professor	Member

Impact of Entrepreneurship Development Cell (EDC)

- Students are able to develop their interest in entrepreneurship skills.
- Students are able to build start ups.

Events/Activities Organized:

S. No.	Date	Name of the Event	No. of participants	No. of colleges participated	Remarks
1	26-07-2016	Webinar on Career Opportunities in IT Industry	460	1	2 nd & 3 rd B. Tech. CSE, ECE students
2	28-07-2016	Startup Vedha	91	1	Interested B.Tech. Students
3	03-09-2016	Seminar on Touching Borders Touching Lives	450	1	3 rd year B.Tech. Students
4	10-12-2016	Startup Launch	400	1	2 nd & 3 rd B. Tech. CSE, ME students , Participants of Startup Vedha
5	27-01-2017	Make in India	18	2	Interested B.Tech. Students from DIET & VRSEC
6	06-02-2017	Webinar on Setting & Achieving goals	450	1	1 st year B.Tech. Students

Events/Activities Attended: Prize won list

S.No.	Date	Name of the Students	Name of the Event	Venue	Prize won
1	30-07-2016	D.Brahmeswara Rao & Team	Startup Vedha	College Auditorium	Idea accepted for Incubation
2	30-07-2016	P.Durga Vinod & Team	Startup Vedha	College Auditorium	Idea accepted for Incubation
3	30-07-2016	T.Aasritha & Team	Startup Vedha	College Auditorium	Idea accepted for Incubation
4	27-01-2017	K. Eshwar & Team	Make in India	Computer lab-I	First Prize of cash Rs.1000/-
5	27-01-2017	N. Bhavya Sai	Make in India	Computer lab-I	Second Prize of cash Rs. 500/-

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
- Special dietary requirements, sports uniform and materials

a) The policies and strategies of the institution to promote participation of students Sports and Games are:

The policies of the institution to promote the participation of students in sports and games are

- To provide facilities to create good atmosphere for sports and games at all levels within the campus.
- To Provide Necessary budget to procure kits and materials related to sports and games.
- To appoint qualified physical director.
- To conduct annual sports meet.

The Institution has allocated one Period in the regular time table to encourage sports and games.

The institute pays T.A & D.A expenses to the students at the time of participating in the State level/ National level competitions.

The students are encouraged by publishing their achievements in Departmental and college newsletters, and also by rewarding them.

A sports and games committee has been established comprising of 6 faculty coordinators and 12 student coordinators along with PD to organize several games and sports and to encourage the students for better participation in competitions. Sports and Games Cell constituted with the following members

S.no.	Name	Department	Designation	Status
1	K Radha	ECE	Asst. Professor	Coordinator
2	V Naga Swetha	EEE	Asst. Professor	Member
3	N Jagadeesh	CE	Asst. Professor	Member
4	VSJC Prasad	ME	Asst. Professor	Member
5	K Satyanarayana Rao	S&H	PD	Member
6	Y Ashok	CSE	Asst. Professor	Member

DIET Management provides each student with all needed practice and game uniforms and equipment.

S.NO	UNIFORM	UNIFORM COLOR	SIZES	QUANTITY
1.	T-SHIRTS	NAVY BLUE	110CM	5
			100CM	5
			90	10
			95	10
			85	10
2.	LOWERS	NAVY BLUE	XXL	10
			XL	10
			L	10
			M	10

b) The policies and strategies of the institution to promote participation of students in cultural activities are:

- To capture the vibrant persona of the students.
- To develop and promote the rich diversity and uniqueness of various arts and upgrade their skills
- To provide a platform for students to go beyond their academic quest and explore their creative and artistic sensibilities.
- To assist the students to develop communication skills, organizational skills, leadership and self-confidence.
- To give scope to interact with students of different disciplines.
- To encourage the budding Professionals to participate and organize the activities of inter and intra college competitions

Dhanekula Samskruti is an Art, Literary & Cultural Committee cell responsible for nurturing and sustaining the cultural talent in students and organizes various activities like Orientation Day, Fresher's Day, College Annual day every year.

c) NSS Unit and NCC:

To inculcate social welfare in students to acquire leadership qualities and democratic attitudes for providing service to society without bias.

To Work to ensure that everyone who is needy gets help to enhance their standard of living and lead a life of dignity.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.

For effective career guidance, various seminars, workshops and symposiums are being organized all throughout the academic year. Based on their engineering stream and interest all the students are given necessary information and direction to choose suitable career option.

During regular classroom interaction, the faculty covers related GATE questions on that particular topic in the previous year GATE question papers.

Students are guided and directed by the concern subject teachers with necessary study materials and support to face various competitive examinations. The list of the students got selected in various competitive exams are mentioned in the table given below.

YEAR	GATE	GRE	TOEFEL	GMAT	OTHERS
2016	10	8	Nil	1	3
2015	3	13	2	Nil	6
2014	3	16	1	Nil	8
2013	--	6	4	Nil	3

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

Academic, Personal and Career Counseling:

The institution provides academic, personal and career counseling to the students through the team of faculty members, where a teacher (counselor) is allotted to nearly 20 students. The counselors meet with the students once in two weeks to review the progress of the student with respect to academics, behavior of the student, challenges faced by the student, etc. Accordingly, the counselors offer necessary suggestions so that the student how he can improve in academics and also personally. If necessary, Heads of the Departments and the Principal also counsel the students depending on the seriousness of the issues faced by the students and/or the counselors.

In addition, the Training & Placements department conducts career counseling sessions for the students as part of the training programs.

The process is monitored by the Counselling Committee constituted at college level with a coordinator and faculty member from each department as mentioned below.

S.No	Name	Department	Designation	Status
1	Dr. Ch Leelavati	S&H	Professor	Coordinator
2	Ms.J Puspha Latha	S&H	Asst. Professor	Coordinator
3	Mrs K Brahmani	CE	Asst. Professor	Member
4	Mr K Rama Koteswara Rao	ECE	Assoc. Professor	Member
5	Mrs VBS Sri Nagini	ECE	Asst. Professor	Member
6	Mr P T Krishna Sai	EEE	Asst. Professor	Member
7	Mrs B Swathi	CSE	Asst. Professor	Member
8	Ms K Priya Sudha	ME	Asst. Professor	Member

Psycho-social issues:

The students with psycho-social issues were counselled by the professional counsellor who will be available in the campus on demand.

Details of Professional Counsellor

Dr.Srabani Basu

M.A(English),.Ph.D(English),.PGBDM(public relations),.

M.S(Psycho Analysis & Psycho Therapy)

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 programs).

Yes, the institution has an established Training & Placements Department headed by a Chief Placements Officer and an experienced team of faculty. The cell offers the following training to prepare the students for campus interviews and also to make them industry ready:

- Functional English
- Quantitative Aptitude
- Logical Reasoning
- Group Discussions
- Interview facing skills
- Computer languages – C, C++, Java for ECE and EEE students.

The Training & Placements Department organizes regular training, intensive week-long training on a need basis and also conducts mock placement drives to prepare the students for campus selections.

The Training and Placement Cell is constituted with the following members

S.No	Name	Department	Status
1	Dr. K Srinivasa Rao	Training & Placement	Chief Placements Officer
2	V Sanjay Gokul	Civil	Co-Ordinator College Level
3	S Raghavendra	EEE	Committee Member
4	K Sukumar	Mechanical	Committee Member
5	A Siva Narayana	ECE	Committee Member
6	P Siva Naga Raju	CSE	Committee Member

List of Students placed

2013-14 Placement Data

S.No	Company	ON/OFF Campus	No. of Selections
1	Ofos Serives Pvt Ltd	ON	25
2	Global IP Services Pvt Ltd	ON	3
3	Redus Tek	ON	12
4	Helios Telecom	ON	14
5	Genpact	ON	8
6	Siri Soft Ware Services	ON	16
7	Infosys	ON	7
8	Accropetal	ON	6
9	HCL	ON	3
10	TCS	OFF	2
11	Ratna Constructions	ON	3
12	Indus Towers	OFF	4
13	Mphasis	OFF	1
14	KK Circutes	OFF	3

		Total Selections	107
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2014-15 Placement Data

S.No	Company	ON/ OFF Campus	No. of Selections
1	Glean Wood Systems	ON	13
2	HCL	ON	12
3	Aagnna	ON	30
4	Iplacka	ON	30
5	Pentagon R Systems	ON	2
6	Google	ON	29
7	IBM	ON	31
8	Face	ON	6
9	Zealous Services	ON	11
10	Genpact	OFF	13
11	TCS	OFF	2
12	Eider Motors	ON	10
13	Inrhytham	ON	1
14	NCC	OFF	1
		Total Selections	191

2015-16 Placement Data

S.No	Company	ON/ OFF Campus	No. of Selections
1	Suther Land Global Services	ON	29
2	Mercedes Benz	ON	31
3	All Online Tele Services	ON	17
4	PC Technologies	ON	43
5	Chevorlet	ON	5
6	HCL	ON	16
7	Mphasis	ON	2
8	Tech Mahindra	ON	2
9	Edge Net Works	ON	1
10	Precision Engineering	ON	11
11	Accurate Steel Forgings	ON	5
12	Divami Software Solutions	OFF	1
13	Zoho Corporation	OFF	1
14	Glean Wood Systems	OFF	3
15	Tech Minds	OFF	7
16	Market Front	OFF	3
17	Ray Business	OFF	20
18	Infosys	OFF	2
19	AGIES Ltd	OFF	26
20	Tech Era	OFF	1
21	BHEA Technologies	ON	1
22	B 2 B Software Solutions	ON	29
23	Amazon	ON	4
		Total Selections	260

2016-17 Placement Data

S.No	Company	ON/ OFF Campus	No. of Selections
1	Merdes -Benz	ON	32
2	Huawei	ON	20
3	Sapient	OFF	0
4	TCS	OFF	2
5	InfoTech	OFF	1
6	Ibeon InfoTech	ON	7
7	HGS	ON	24
8	Amazon	OFF	0
9	C V Corp	OFF	1
10	Indus Tequisite	ON	7
11	Mold Tek	ON	35
12	Kapu Job Mela	OFF	3
13	Zoho Corporation	OFF	Waiting for Result
14	Glean Wood Systems	ON	5
15	Efftronics	OFF	0
16	Vee Technologies	OFF	1
17	West Line	ON	15
		Total Selections	151



HGS Team and Selected Students



HCL Technologies and Selected Students



Precision Engineering Pvt. Ltd. for exclusive Mechanical Stream

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, Grievances and Redressal Center is formed in order to keep the healthy working atmosphere and to uphold the dignity of the college by ensuring strife free atmosphere in the college to promote cordial Student to Student relationship, Student to teacher

relationship and Staff to Staff relations etc. This center also helps Students and Parents to record their complaints and solve their problems related to academics, resources and personal grievances.

Suggestion / complaint Boxes have been installed at different places in the college campus in which the Students who want to remain anonymous, put in writing their grievances and their suggestions for improving the academics/administration in the college.

Functions:

1. A grievance Redressal committee is framed to look in to the complaints from the aggrieved.
2. Suggestion/ Compliant Box are provided at Office of Principal for students and staff to lodge their complaints/ suggestions.
3. The report of grievance committee is forwarded to Principal for further action.
4. The corrective measures are taken and recorded in the register.

Following is the Constitution of Grievance Redressal Cell:

S.No	Name	Department	Designation	Status
1	Dr B V S N Hari Prasad	S&H	Professor	Coordinator
2	Mr P Krishna Reddy	ECE	Asst. Professor	Member
3	Mrs Y Naga Prasanthi	ECE	Asst. Professor	Member
4	Mrs L N B Jyotsna	CSE	Asst. Professor	Member
5	Mrs M Silpa	S&H	Asst. Professor	Member

The basic function of the cell is to discuss the grievances received from students and submit a report to the Principal, with proper recommendations.

Report of Grievances submitted to Grievances Redressal Committee in the A.Y 2012-2017

S. No	A.Y	Name of the Student /Staff	Department	Grievances	Action Taken	Remarks
1	2016-2017	I B.Tech. Students	All Depts	Need of Games period/week within the timetable	Provided Games period for ECE and CSE branch students in II Semester	Unable to provide for CE, EEE & ME branch students due to their relatively tough II Semester course structure
2	2015-2016	Students of all years	All Depts	Need of break after first two periods in the forenoon	Short break of 10 mins after first two period is included in the timetable	-
3	2014-2015	Students of all years	All Depts	Theft of calculators	Students are permitted to carry their belongings	Faculty members are instructed to permit students

					to lab / seminar / workshop	with their belongings
4	2014-2015	I B.Tech. Students	All Depts	Drinking water is not sufficient during rush hours	Rectified by providing additional pipe line	Students are advised to inform I year coordinator immediately in such cases
5	2013-2014	Students of all years	All Depts	Front side road of the college is narrow and dirty. Students are facing lot of problems while coming to college and while leaving the college as college buses are using the same road.	College buses are run on backside road of the college and front side road is widened with the help of R&B	-
6	2012-2013	Students of all years	All Depts	Need of break after first two periods in the forenoon	Students are advised to take permission from the concerned faculty to get refreshed	Faculty members are instructed to permit them for few minutes to attend their needs in 3 rd period
7	2012-2013	Students of all years	All Depts	Students vehicles parking problem	Separate parking place is under construction for students	Temporarily students are advised to park their vehicles at the entrance of the college

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

No such cases have been reported till date. A separate Women Empowerment Cell which handles specifically sexual harassment of women both students and staff.

1. The College is highly sensitive to the issues of gender equality, women's rights and the need to prevent sexual harassment.
2. The College has set up Prevention of Sexual Harassment Cell established as per the directive of the Supreme Court and the guidelines of UGC/AICTE. This cell also acts as Women Empowerment Cell.
3. In this regard, "Sexual harassment eradication cell" has been formed with the Principal as its chair person, with senior women faculty members, and six students as student members.

S.No.	Name of the faculty	Position	Department
1	Mrs D Bhargavi	Committee Co-coordinator	Basic Sciences & Humanities
2	Mrs V Swathi Padmaja	Staff Co-coordinator	Civil Engineering
3	Mrs V Bindu	Staff Co-coordinator	Electrical & Electronics Engineering
4	Ms K Priya Sudha	Staff Co-coordinator	Mechanical Engineering

5	Ms V Sireesha	Staff Co-coordinator	Electronics & Communication Engineering
6	Mrs K Sandhya Rani	Staff Co-coordinator	Computer Science Engineering

- Every year in the month of March International Women's day is celebrated in the campus where the outstanding women achievers from different walks of life such as Entrepreneurs, Doctors, Lawyer, Economics, Artists and media persons are invited and honored students.
- Number of programs is regularly conducted on different subject areas like Law & Order, Eve teasing, and Women Safety etc. to built-up confidence and awareness in facing different societal issues.
- Few of the conducted events are cited below:

S. No	Date	Name of the Event	Topic	Guest
1	06.08.2016	Women's Health awareness Program	Diabetes in Women-Risk for College Girls and its Implications	Dr. Saritha Kakani, Diabetologist, Andhra Hospitals
2	08.03.2016	International Women's day	Women Entrepreneurship	Mrs. Samana, Fashion designer
3	03.09.2015	Awareness Program	Women Safety & Self Defense	Mr. K. Vijay Bhaskar Reddy Lt. Colonel
4	17.03.2015	Awareness Program	Eve teasing, Law & Order	Mr. Jaganmohan Rao, CI, Penamaluru
5	08.03.2014	International Women's day	Women Entrepreneurship	Mrs. P. Jogulamba, Entrepreneur
6	08.03.2013	International Women's day	Women Rights	Mrs. K Sarala Benarji, Advocate
7	07.09.2012	Women's Health awareness Program	Health & Nutrition	Dr. Valli Kodali, Gynecologist, Vignesh Hospitals
8	21.06.2012	Awareness Program	Importance of Yoga	B. Sai Lakshmi
9	08.03.2012	International Women's day	Women Empowerment	Mrs. D. Sailaja, Lawyer & NGO

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Yes, there is an anti-ragging committee. This committee is meant to take all initiatives to develop ragging free campus and also for taking care about the issues of ragging and often conducts meetings to create awareness among students.

- Pamphlets are displayed throughout the campus as per the directions of Supreme Court and University.

- Harassments Prevention Cell, Discipline Committee also works in coordination with the Anti-Ragging Committee to empower students and create awareness among all the stakeholders in the campus.
 - The disciplinary committee also helps in preventing occurrences of ragging issues.
 - No incident of ragging has been reported in the campus so far.
- Composition of the Anti-Ragging Committee:

College Anti Ragging Committee

Composition:

- There will be one committee coordinator.
- One faculty coordinator for each department
- One girl and boy student coordinators of each department.

Faculty Coordinators

Name	Position	Department	Contact Number	Email Id
Mrs D Sri Laxmi	Committee Coordinator	BS&H	9989633788	sree2983@gmail.com
Mr K Vamsi Krishna	Staff Coordinator	CE	9160232444	vamsikantamaneni48@gmail.com
Mrs V Bindu	Staff Coordinator	EEE	9966489555	bindu.vadlamudi@yahoo.com
Mrs T Haritha	Staff Coordinator	ME	9440358642	haritha_gorijala@yahoo.com
Mr P Rama Krishna	Staff Coordinator	ECE	9491241800	prk.2418@gmail.com
Mrs M Syamala	Staff Coordinator	CSE	9491660777	shyamalamaganti54@gmail.com

Hostel Anti Ragging Committee

Composition:

- There will be two Anti Ragging Squads, one for the girl's and another for boy's hostel and one girl and boy student coordinators of each department.

Anti Ragging Squads for Girls and Boys Hostel

Name	Position	Hostel	Contact Number
Mrs D Sailaja	In-charge	Girl's Hostel	9849185588
Mrs A Nalini	Resident Warden	Girl's Hostel	9866393382
Mrs V Sravani	Warden	Boy's Hostel	9985424404
Mr K Malleswara Rao	Warden	Boy's Hostel	8106182605
Mr K Srinivasa Reddy	Hostel Committee Coordinator	Boy's and Girl's Hostel	9492143415

Events / Activities Organized

- Orientation program for fresher's regarding Anti-Ragging measures.
- Awareness programs about Anti Ragging are being conducted by the Committee to the students & faculty.

- Committee has taken steps and allotted duties to all the staff members at almost all areas in the college and off the college (i.e. canteen, parking places, local area bus stop, Satyakala Power Station etc.) and ensure that at least one faculty member will be present at any particular time at all the locations to avoid ragging activities.

Awareness and Orientation programs:

Year	Title of the programme	Name of the speaker	Date(s)	No. Benefited
2016-2017	Orientation program	Dr.K Ravi, Principal Dr.BVSN Hari Prasad, Freshman Coordinator	04/07/2016	460
2015-2016	Ragging and its consequences, prevention	Mr D Gautam Sawang, IPS	13/08/2015	500
2015-2016	Orientation program	Dr. K Ravi, Principal Dr.GD Raja, Freshman coordinator	13/07/2015	450
2014-2015	Orientation program	Dr. K Ravi, Principal Dr.GD Raja, Freshman coordinator	08/09/2014	480
2013-2014	Orientation program	Dr. K Ravi, Principal Dr.GD Raja, Freshman coordinator	17/10/2013	500

Anti-Ragging Duties

Period	Number of Places		Number of Faculty duties posted
	Within Campus	Outside Campus	
13-07-2016 to 11-09-2016	7	4	108
02-07-2015 to 03-09-2015	7	4	65
09-10-2014 to 15-12-2014	7	4	70

REPORT OF SQUAD:

- No Incidents of Ragging were noted in the hostel (both Boys and Girls).

REPORT OF ANTIRAGGING COMMITTEE:

- The Anti Ragging committee seriously observes all the activities and takes various measures to prevent Ragging inside and outside of the campus.
- Therefore, no incidents of Ragging were reported till date.

The Anti Ragging committee will also take the Undertaking Affidavit from all the students as well as from their parents as per AICTE norms.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

The institution has implemented following welfare schemes for the students:

- Institution allows payment of fees in installment basis to economically weaker students.

- By Providing Canteen facilities to all the students.
- Transportation facilities to all the desired students.
- Comprehensive placement training.
- Free medical aid in the campus.
- Library is open before and after the college hours (From 8 A.M to 6 P.M).
- High speed Internet facility is available in college and hostel.
- Internet lab for day scholar beyond working hours.
- The final year merit students of individual department are awarded with 10gms gold medal for securing first and 10gms silver medal for securing second in their academics on college annual day.

5.1.14 Does the institution have a registered Alumni Association? If ‘yes’, what are its activities and major contributions for institutional, academic and infrastructure development?

The Institution is always in touch with their Alumni and its motive is to bring all the alumni to one platform /to share their experiences, to extend their helping hands to the budding engineers of the college. Alumni Cell is constituted with the following members to conduct an Alumni meet this academic year.

SNo	Name	Department	Designation	Status
1	Mr G Jitendra	ME	Asst. Professor	Coordinator
2	Mr Ch Sri Varma	CE	Asst. Professor	Member
3	Mr D Ratna Kishore	CSE	Asst. Professor	Member
4	Mr V Ramana Rao	S&H	Asst. Professor	Member
5	Mrs I Pavani Prapurna	ECE	Asst. Professor	Member
6	Mr P T Krishna Sai	EEE	Asst. Professor	Member

Our Alumni is spread well all over India and supports the college in all the ways.

The details of the department alumni meet

With the boundless love and affection of the Alumni students of CSE Department had made them to gather at Dhanekula Institute of Engg. & Tech, CSE seminar Hall on the occasion of Alumni meet 2016 conducted on 03-08- 2016.

Department: CSE

Head of the Department: Dr. B.Srinivasa Rao

Dept Alumni Coordinator: D. Ratna Kishore

Agenda:

- 1) Formation CSE alumni committee
- 2) Sharing of Views
- 3) Suggestions to CSE dept

Outcomes:

- 1) Committee constituted with 3 Designations
 - i) **Alumni President: B Praveen**

ii) Secretary: A. Gandhi Chowdary

iii) Treasurer: M.S.D Sameera

- 2) A good number of alumni of CSE visited the college and shared rich and valuable experiences.
- 3) To render support in promoting campus recruitments.

Events / activities organized

S.No	Date	Name of the events	Department	No. of Participants	Remarks
1	03/09/2016	Alumni Meet	Computer Science & Engineering	35	

5.2 STUDENT PROGRESSION

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

S.No	Student Progression		2015-16	2014-15	2013-14	2012-13
1	UG to PG		15.03	15.835	23.46	20.89
2	Employed	Campus	38.95	39.47	24.00	39.30
		Other than Campus	13.43	1.95	4.26	NIL

5.2.2 Provide details of the program wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish program wise details in comparison with that of the previous performance of the same institution and that of the colleges of the affiliating university within the city/district.

Below are the details of program wise success (pass) rate for the last four batches:

BATCH	Branch wise Pass Percentage				
	CSE	CE	EEE	ECE	ME
2012-16	66.39	74.60	81.48	79.85	83.87
2011-15	56	80	86.56	74.41	82.6
2010-14	63.15	69.49	83.33	81.96	63.49
2009-13	100	-	86.5	86.3	89.58

The university releases the college result directly to our College Portal so that there is no possibility of comparing the result with other affiliating colleges of the university within the city/district.

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

The faculty members of all Departments (especially mentors), Training & Placements Department and Entrepreneurship Development Cell of the institution play an important role in student progression towards higher studies / employment / self-employment.

Faculty Counseling and Departmental Support

- During the regular counseling, the faculty encourages and guides the students to set long-term and short-term goals in their lives.
- The students are then guided to take necessary steps to achieve their goals.
- During regular classroom interaction, the faculty covers related GATE questions on that particular topic in the previous year GATE question papers.

Training & Placements Cell (T&P)

- The T&P Cell provides training on Employability Skills such as Aptitude, Reasoning, English Language, Communication Skills, Group Discussions, Interview facing skills, Computer languages, etc.
- The T&P Cell visits different companies that are hiring and looking for young graduates and the department also organizes campus selections.
- The Committee also works with Andhra Pradesh Information Technology Academy (APITA) for training and placements of students.

Entrepreneurship Development Cell (EDC)

- The cell guides and encourages the students to become Entrepreneurs instead of as job seekers.
- The cell organizes Entrepreneurship Awareness programs and Entrepreneurship Development Programs for motivating and inspiring the students.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

The institution has highly committed to bring down the failures and dropout rates. As the socio-economic, cultural and psychological issues plays vital role in the failures, drop out factor and to deal with the above problems, the career guidance cell counsel the students and sometimes with their parents in this regard. Remedial classes are conducted for the weaker students.

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

Every year College Day is conducted for the students include all types of Sports, Cultural and other extracurricular activities.

The following Sports, Games and other extracurricular activities are conducted to students:

Sports & Games <ul style="list-style-type: none"> • Cricket • Volleyball • Badminton • Tennicoit • Throw Ball • Basketball 	Art and Cultural <ul style="list-style-type: none"> • Story Writing • Art-Gallery (Poster/Model) • Debate • Walking Dictionary • Singing - Group & Solo • Dance - Group & Solo • Short Film • Painting competition • Comedy show
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Others

- Extempore(Telugu)
- Mystique-Creative Ramp Walk

**SPORTS AND GAMES CELL ANNUAL DAY 2K 17 PARTICIPANTS LIST
AY: 2016-17**

S.No	Date	Name of the Event	Event Venue	No. of Participants
1	15-02-17	Volley Ball	DIET	17 Groups=204
2	17-02-17	Kabaddi(Men)	DIET	17 Groups=204
3	16-02-17	Kho-Kho(Men)	DIET	15 Groups=180
4	18-02-17	Table Tennis(Men)	DIET	12 Groups=48
5	12-03-17	Cricket	DIET	5 Groups=80
6	2-03-17	Throw Ball	DIET	4 Groups=48
7	3-03-17	Kabaddi(Women)	DIET	4 Groups=64
8	4-03-17	Kho-Kho(Women)	DIET	4 Groups=48
9	6-03-17	Table Tennis(Women)	DIET	4 Groups=16

**SPORTS AND GAMES CELL STUDENT PARTICIPANTS LIST
AY: 2016-17**

S.No	Date	Name of the Event	Event Venue	No. of Participants
1	20-12-16	JNTUK University Selection Trails Handball for Men & Women	NRI, Agiripalli	2
2	26-12-16	JNTUK University Selection Trails Kabaddi for Men	Vignan, Vizag	7
3	24-12-16	JNTUK University Selection Trails Kho-Kho for Men	Pragathi Engg College, KKD	9
4	04-12-16	JNTUK University Selection Trails Kabaddi for Women	DIET, Vijayawada	5
5	06-02-17	JNTUK Inter Collegiate Cricket Tournament	LBRCE, Vijayawada	15
6	21-01-17 22-01-17	JNTUK University Selection Trails Best Physique for Men	GMRIT, Srikakulam	1
7	27-01-17	JNTUK C-Zone Inter Collegiate Tournament	PVPSIT, Kanur	46

	28-01-17			
8	17-02-17 to 19-02-17	JNTUK Central Zone Games Meet for Women	TEC, NRT	16
9	03-03-17 & 04-03-17	Technotsav 2K17 Kreedha	MVR College, Paritala	12

PROGRAM CALENDAR OF SPORTS AND GAMES CELL

Event at College level: Common to all branches

S. No	Events	Proposed Month
1	Annual Day Sports and games	March
2	Inter College Tournaments	Every Semester
3	Intra College Level	As per event scheduled
4	State Level	As per event scheduled
5	University Level Selections	As per event scheduled

Art, Literary & Cultural Committee Cell -Dhanekula Samskruti

DHANUSH 2K17 - Activities Organised

S.No	Date	Name of the Event	Venue	No. of Participants	No of Colleges participated
1.	27th Jan 2017	Sur lehari(solo)	DIET	15	7
2.	27th Jan 2017	Sur lehari(Group)	DIET	10 (4groups)	3
3.	27th Jan 2017	Rhythmic Versus(poetry recitation)	DIET	7	5
4.	27th Jan 2017	Face Painting	DIET	2	1
5.	27th Jan 2017	Nail Painting	DIET	8	1
6.	27th Jan 2017	Calligraphy	DIET	26	2
7.	27th Jan 2017	Step up (solo)	DIET	13	7
8.	27th Jan 2017	Step up (Group)	DIET	32 (7 groups)	1
9.	28th Jan 2017	M3 Talantia	DIET	2	2
10.	28th Jan 2017	Nukkad Natak	DIET	7 (2groups)	2
11.	28th Jan 2017	Anthakshari	DIET	32	5
12.	28th Jan 2017	Selfie Hunt	DIET	80	2
13.	28th Jan 2017	Mystique-Creative Ramp Walk	DIET	7	2

ANNUAL DAY 2K17 - Activities Organised

S.No	Date	Event	Venue	No. of Participants
1	27-02-17	Story Writing	DIET	192

2	28-02-17	Painting	DIET	31
3	1-03-17	Comedy Show	DIET	15(3 groups)
4	1-03-17	Singing-Solo	DIET	15
5	1-03-17	Singing Group	DIET	24(6 groups)
6	2-03-17	Debate	DIET	30
7	2-03-17	Walking Dictionary	DIET	51
8	3-03-17	Dance-Solo	DIET	10
9	3-03-17	Dance Group	DIET	6 groups
10	4-03-17	Short Film	DIET	5
11	4-03-17	Extempore(Telugu)	DIET	21
12	6-03-17	Art-Gallery (Poster/Model)	DIET	5

Program Calendar of Dhanekula Samskruti-2k16

S.No	Name of the Event	Proposed Date
1	Independence Day	August 15 th 2016
2	Fresher's Day	August 20 th 2016
3	Teachers' Day	September 5 th 2016
4	Engineers Day	September 15 th 2016
5	National Educational Day	November 11 th 2016
6	Festival Celebrations	January 10 th 2017
7	Republic Day	January 26 th 2017
8	National Science Day	February 28 th 2017
9	National Techno-cultural symposium	March 2 nd & 3 rd 2017
10	Farewell Day	March 10 th 2017
11	Annual Day	March 20 th 2017
12	Yoga Day	June 21 st 2017

5.3.2 Furnish the details of major student achievements in co-curricular, extra-curricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

List of students awarded in Art and Culture 2013-2014

SI No	Date of event	Event Description	Event Venue	Title	Event level (Unit / State / National)	Type of event (Individual/Team)	Student details		Awards
							Name	Year/Branch	
1	2-04-14	Film Making	DIET	Dhanush-2k-14	National	Individual	G.Lalith Bhargav Diet	II ME	II
2	2-04-14	Singing	DIET	Dhanush-2k-14	National	Team	Prajwalitha	II ECE	I

3	2-04-14	Singing	DIET	Dhanush-2k-14	National	Team	K.Anusha	I CSE	I
4	2-04-14	Role Play	DIET	Dhanush-2k-14	National	Team	R.Mounica	III ECE	II
5	2-04-14	Role Play	DIET	Dhanush-2k-14	National	Team	K.Bhaskar	II ME	II
6	2-04-14	Mime	DIET	Dhanush-2k-14	National	Individual	K.Bhaskar	II ME	II
7	2-04-14	Spellbee	DIET	Dhanush-2k-14	National	Individual	P.Anjali	I CSE	II
8	3-04-14	Fashion Show	DIET	Dhanush-2k-14	National	Individual	Reshma	II CSE	I
9	3-04-14	Fashion Show	DIET	Dhanush-2k-14	National	Individual	Tanveer	II CSE	I
10	3-04-14	Mathematical Exhibit	DIET	Dhanush-2k-14	National	Team	U.Rajesh	I CE	II
11	3-04-14	Mathematical Exhibit	DIET	Dhanush-2k-14	National	Team	K.Priyatham Kumar	I CE	II
12	3-04-14	Mathematical Exhibit	DIET	Dhanush-2k-14	National	Team	V.VishnuPriya	I CSE	II
13	30Jan 2014-1 Feb 2014	Floor Crossing	Gudalave lu Engg college	GEC FEST - 2k14	National	Individual	K V.Bhaskar	II ME	II

2014-2015

S. No.	Date of event	Event Description	Event Venue	Title	Event level (Unit / State / National)	Type of event (Individual/Team)	Student details		Awards
							Student Name	year	
1	3-3-15	Short Film Making	DIET	Dhanush	National	Individual	D.ManojA dyithya	III ECE	I
2	3-3-15	Dance Group	DIET	Dhanush	National	Team	K.Madhuri & team	IV ECE	I

3	3-3-15	Dance Solo	DIET	Dhanush	National	Individual	Manoj	I CSE	I
4	3-3-15	Mimicry	DIET	Dhanush	National	Individual	J.Sai Ram	III EEE	I
5	3-3-15	Role Play	DIET	Dhanush	National	Individual	K.V.Bhaskar	III ME	I
6	3-3-15	Painting	DIET	Dhanush	National	Individual	Ranganadh	II CE	I
7	3-3-15	Instrumental Music	DIET	Dhanush	National	Individual	G.Sandeep	III ME	I
8	3-3-15	Instrumental Music	DIET	Dhanush	National	Individual	B.Vikram Teja	I ME	II
9	3-3-15	Telugu Extempore	DIET	Dhanush	National	Individual	R.Loknadh	II ECE	II
10	4-3-15	Collage	DIET	Dhanush	National	Individual	K.Madhuri	IV ECE	II
11	4-3-15	Singing Group	DIET	Dhanush	National	Individual	Sai Kumar & Sindhuja	III CIVIL	II
12	4-3-15	Singing Solo	DIET	Dhanush	National	Individual	K.V.Bhaskar	III ME	II
13	4-3-15	Spot Photography	DIET	Dhanush	National	Individual	D.ManojA dyithya	III ECE	II
14	4-3-15	Skit	DIET	Dhanush	National	Team	N.Naga Srinivas & Group	IV ECE	II
15	4-3-15	Beauty with Brain	DIET	Dhanush	National	Individual	P.HariPriya	I CSE	I
16	10/10/14	Instrumental Music	Lingyas Institue of Management and Technology	Techno-Cultural Fest-15	National	Individual	G.Sandeep	II ME	II
17	10/10/14	Singing	Lingyas Institue of Management and Technology	Techno-Cultural Fest-15	National	Individual	K V.Bhaskar	II ME	II
18	12/12/14	Instrumental Music	Ghantasala Venkate	Cultural Competitions	State	Individual	G.Sandeep	II ME	I

		(Mrudangam)	swaraGovt.Musical and Dancing School						
19	12/12/14	Singing (Folk Song)	Ghantasala VenkateswaraGovt.Musical and Dancing School	Cultural Competitions	State	Individual	K.V.Bhaskar	II ME	II

2015-2016

S.	Date of event	Event Description	Event Venue	Title	Event level (Unit / State / National)	Type of event (Individual/Team)	Student details		Awards
							Student Name	year	
1	3-3-16	Ragam(Solo)	DIET	Dhanush	National	Individual	K V Sai Kumar Naidu	I ECE	II
2	3-3-16	Nruthya m(Solo)	DIET	Dhanush	National	Individual	M.SaiManoj	III CSE	II
3	3-3-16	Scrap Art	DIET	Dhanush	National	Individual	K DivyaSree	III ECE	I
4	3-3-16	Scrap Art	DIET	Dhanush	National	Individual	AswiniDutt	III ME	II
5	3-3-16	Telugu Poetry	DIET	Dhanush	National	Individual	D Pavan Kumar	I EEE	I
6	4-3-16	Stage Play	DIET	Dhanush	National	Team	Anwar	III EEE	I
7	4-3-16	Stage Play	DIET	Dhanush	National	Team	Bhavana	III EEE	I
8	4-3-16	Stage Play	DIET	Dhanush	National	Team	M.V.Sravani	III EEE	I
9	4-3-16	Stage Play	DIET	Dhanush	National	Team	Sirisha	III EEE	I
10	4-3-16	Stage Play	DIET	Dhanush	National	Team	Ganesh	III EEE	I
11	4-3-16	Stage Play	DIET	Dhanush	National	Team	Girish	II EEE	I

12	4-3-16	Spot Photography	DIET	Dhanush	National	Individual	Brahmeshwara Rao	II ICSE	II
13	4-3-16	Beauty With Brain	DIET	Dhanush	National	Individual	S.Srujana	I ME	II
14	12 Jan 2016	Smart Idea For Society	Vivekananda Youth association Vijayawada	NIVEDA 2K16	National	Individual	K.V.Bhaskar	IV ME	I
15	5&6 Feb2016	Dramatis-personae	VRSEC	AFOSE C-2K16	National	Individual	K.V.Bhaskar	IV ME	I
16	11&12 March 2016	General Quiz	Bapatla Engg college	BECTA GON-2K16	National	Team	S.Asmini Dutt	III ME	I

List of Students awarded in Art and Culture (2016-17)

S. No.	Date of event	Event Description	Event Venue	Title	Event level (unit/state/national)	Type of event (Team/Individual)	Student details		Awards
							Student name	Year/Branch	
1	27/01/17	Sur Lehari (solo)	DIET	Dhanush-2K17	National	Individual	J. Manikanta	III ME	II
2	27.01.17	Rhythmic versus	DIET	Dhanush-2K17	National	Individual	CH Bhavana	IV CSE	II
3	27.01.17	Calligraphy	DIET	Dhanush-2K17	National	Individual	Md. Rehana	I CSE	I
4	27.01.17	Calligraphy	DIET	Dhanush-2K17	National	Individual	P. Sri Harshini	ICSE	II
5	27.01.17	Nail Painting	DIET	Dhanush-2K17	National	Individual	A. Hema Bindu	I CSE	I
6	27.01.17	Nail Painting	DIET	Dhanush-2K17	National	Individual	V. Bhargavi	I CSE	II
7	27.01.17	Face Painting	DIET	Dhanush-2K17	National	Individual	B.Pradeep	IV EEE	I
8	27.01.17	Face Painting	DIET	Dhanush-2K17	National	Individual	S. Aswini Dutt	IVME	II
9	27.01.017	Step Up (Solo)	DIET	Dhanush-2K17	National	Individual	P. Sai Durga	IV ECE	II
10	27.01.17	Step Up (Group)	DIET	Dhanush-2K17	National	Team	D.Sai Chandra Manikanta	II ME	I

11	27.01.17	Step Up (Group)	DIET	Dhanush-2K17	National	Team	G.Sambaiah	II ME	I
12	27.01.17	Step Up (Group)	DIET	Dhanush-2K17	National	Team	S.Sai Tri nath	II ME	I
13	27.01.17	Step Up (Group)	DIET	Dhanush-2K17	National	Team	B.Venkata Krishna	II ME	I
14	27.01.17	Step up (group)	DIET	Dhanush-2K17	National	Team	Abdul Rehman	II ECE	II
15	27.01.17	Step Up (Group)	DIET	Dhanush-2K17	National	Team	D.Akhil	II CSE	II
16	27.01.17	Step Up (Group)	DIET	Dhanush-2K17	National	Team	M.Mrunal Sai	ICE	II
17	27.01.17	Step Up (Group)	DIET	Dhanush-2K17	National	Team	P.Sai Pradeep	IEEE	II
18	27.01.17	Step Up (Group)	DIET	Dhanush-2K17	National	Team	M.M.M. Sai	II CSE	II
19	27.01.17	Step Up (Group)	DIET	Dhanush-2K17	National	Team	K.J.S. Manikanta	II CSE	II
20	28.01.17	M3 Talentia	DIET	Dhanush-2K17	National	Team	A.Venkata Ratnam Naidu	II EEE	II
21	28.01.17	Nukkad Natak	DIET	Dhanush-2K17	National	Team	P.Amwar Khan	IV EEE	I
22	28.01.17	Nukkad Natak	DIET	Dhanush-2K17	National	Team	B.Ganesh Kumar	IV EEE	I
23	28.01.17	Nukkad Natak	DIET	Dhanush-2K17	National	Team	B.Yaswanth Rao	IV EEE	I
24	28.01.17	Nukkad Natak	DIET	Dhanush-2K17	National	Team	M. Naga Sai Rahul	IEEE	I
25	28.01.17	Mystique - Creative Ramp walk	DIET	Dhanush-2K17	National	Individual	S. Lohitha	I ECE	I
26	28.01.17	Mystique - Creative Ramp walk	DIET	Dhanush-2K17	National	Individual	P. Krishna Teja	III ECE	II
27	28.01.17	Selfie Hunt	DIET	Dhanush-2K17	National	Individual	P. Bhavya Sri	II CSE	I
28	28.01.17	Selfie Hunt	DIET	Dhanush-2K17	National	Individual	M. Anusha	I CSE	II
29	28.01.17	Antakshari	DIET	Dhanush-2K17	National	Team	K.V.S.G. Pradeep	II CE	II
30	28.01.17	Antakshari	DIET	Dhanush-2K17	National	Team	R.Loknadh	IV ECE	II
31	28.01.17	Antakshari	DIET	Dhanush-2K17	National	Team	B.Vikram Teja	III ME	II
32	17&18 Oct 16	Group Dance	Loyola college	Bhavana 2k16	National	team	M.Mrunal Sai	ICE B	II
33	17&18 Oct 16	Group Dance	Loyola college	Bhavana 2k16	National	team	G.Chaitanya Kumar	I ECE	II

34	17&18 Oct 16	Group Dance	Loyola college	Bhavana 2k16	National	team	G.Sandeep Kumar	IEEE	II
35	17&18 Oct 16	Group Dance	Loyola college	Bhavana 2k16	National	team	B.Naga Mahesh	ICE B	II
36	17&18 Oct 16	Group Dance	Loyola college	Bhavana 2k16	National	team	Sheik Nagur Basha	ICE B	II
37	17&18 Oct 16	Group Dance	Loyola college	Bhavana 2k16	National	team	P.Ravi Teja	ICE A	II
38	17&18 Oct 16	Group Dance	Loyola college	Bhavana 2k16	National	team	Ch.Pavan Kumar	ICE B	II
39	17&18 Oct 16	Group Dance	Loyola college	Bhavana 2k16	National	team	B.Yuva Raj Kumar	ICE B	II
40	17&18 Oct 16	Group Dance	Loyola college	Bhavana 2k16	National	team	Seera Uma Maheswara Rao	ICE B	II
41	2&3 Feb 17	General quiz	VRSEC	AFOSEC- 2K17	National	Individual	PVSS Harinath Rahul	II ECE	III
42	2&3 Feb 17	GAB FAB	VRSEC	AFOSEC- 2K17	National	Individual	PVSS Harinath Rahul	II ECE	I
43	2&3 Feb 17	Dare Zone	VRSEC	AFOSEC- 2K17	National	Team	M.KRANTH I KUMAR REDDY	II ECE	I
44	2&3 Feb 17	Dare Zone	VRSEC	AFOSEC- 2K17	National	Team	B.JEEVAN CHOUDAR Y	II ECE	I
45	2&3 Feb 17	Dare Zone	VRSEC	AFOSEC- 2K17	National	Team	K Bhanu Satya Sai	II ECE	I

List of Students Awarded in Sports (2013-17)

Sl	Date of Event	Event Description	Event Venue	Title	Event level (Unit / State / National)	Type of event (Individual/ Team)	Student details			Awards
							Student Name	Branch	Year	
1	03-03-17& 04-03-17	Kho-Kho	MVR College,Paritala	Technosth av 2K17 Kreeda	National	Team	S.Vamsi	ECE	I	I
2	03-03-17& 04-03-17	Kho-Kho	MVR College,Paritala	Technosth av 2K17 Kreeda	National	Team	K.Rama Krishna	ECE	I	I
3	03-03-17& 04-03-17	Kho-Kho	MVR College,Paritala	Technosth av 2K17 Kreeda	National	Team	U.Sai Prakash Reddy	ME	III	I

4	03-03-17 & 04-03-17	Kho-Kho	MVR College, Pa ritala	Technosth av 2K17 Kreeda	Nationa l	Team	Ch.Ramesh	ME	III	I
5	03-03-17 & 04-03-17	Kho-Kho	MVR College, Pa ritala	Technosth av 2K17 Kreeda	Nationa l	Team	P.Srinivasara Rao	ME	III	I
6	03-03-17 & 04-03-17	Kho-Kho	MVR College, Pa ritala	Technosth av 2K17 Kreeda	Nationa l	Team	U. Srinivasara Rao	ME	III	I
7	03-03-17 & 04-03-17	Kho-Kho	MVR College, Pa ritala	Technosth av 2K17 Kreeda	Nationa l	Team	L.Balaji Naik	CE	IV	I
8	03-03-17 & 04-03-17	Kho-Kho	MVR College, Pa ritala	Technosth av 2K17 Kreeda	Nationa l	Team	M.Jaya Surya	ME	II	I
9	03-03-17 & 04-03-17	Kho-Kho	MVR College, Pa ritala	Technosth av 2K17 Kreeda	Nationa l	Team	D.Sateesh Babu	ME	II	I
10	03-03-17 & 04-03-17	Kho-Kho	MVR College, Pa ritala	Technosth av 2K17 Kreeda	Nationa l	Team	Ch.Vinay	ME	II	I
11	03-03-17 & 04-03-17	Kho-Kho	MVR College, Pa ritala	Technosth av 2K17 Kreeda	Nationa l	Team	R.Vikram Bedi	ME	III	I
12	03-03-17 & 04-03-17	Kho-Kho	MVR College, Pa ritala	Technosth av 2K17 Kreeda	Nationa l	Team	K.Dimple Sudheer Babu	CE	II	I
13	23.03.15- 24.03.15	Kabaddi	Nova College, IBM	JNTUK C-ZONE	Zonal	Team	B.Suresh	EEE	IV	II
14	23.03.15- 24.03.15	Kabaddi	Nova College, IBM	JNTUK C-ZONE	Zonal	Team	G.Venkates wara Rao	ECE	III	II
15	23.03.15- 24.03.15	Kabaddi	Nova College, IBM	JNTUK C-ZONE	Zonal	Team	M.Vasanth Rao	CE	III	II
16	23.03.15- 24.03.15	Kabaddi	Nova College, IBM	JNTUK C-ZONE	Zonal	Team	V.Siva Satya Prasad	ECE	III	II

17	23.03.15- 24.03.15	Kabaddi	Nova College, IBM	JNTUK C-ZONE	Zonal	Team	M.SivaRaju	CE	III	II
18	23.03.15- 24.03.15	Kabaddi	Nova College, IBM	JNTUK C-ZONE	Zonal	Team	D.Venkatesh	CE	II	II
19	23.03.15- 24.03.15	Kabaddi	Nova College, IBM	JNTUK C-ZONE	Zonal	Team	V.Naresh Babu	CE	III	II
20	23.03.15- 24.03.15	Kabaddi	Nova College, IBM	JNTUK C-ZONE	Zonal	Team	S.Sai Gopi	ME	I	II
21	23.03.15- 24.03.15	Kabaddi	Nova College, IBM	JNTUK C-ZONE	Zonal	Team	K.Krishna Chaitanya	ME	I	II
22	23.03.15- 24.03.15	Kabaddi	Nova College, IBM	JNTUK C-ZONE	Zonal	Team	V.Ravi Teja	ME	IV	II
23	23.03.15- 24.03.15	Kabaddi	Nova College, IBM	JNTUK C-ZONE	Zonal	Team	M.Kiran Kumar	ME	IV	II
24	23.03.15- 24.03.15	Kabaddi	Nova College, IBM	JNTUK C-ZONE	Zonal	Team	D.Giri Ramesh	ME	IV	II

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?

At the end of every semester in the academic year, feedback is collected through feedback forms from the students and also the feedback is collected from the employers. After analyzing the feedback, necessary and appropriate solutions are being implemented to improve the performance and quality of the provisions of the college.

The Institutional Feedback forms are given below:

**DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY
FEED BACK ON PROGRAMME**

Name of the Programme:

Name of the student :

Roll No:

Passed out year :

Gender: Male / Female

Please rank the following questions with justifications using 5 point scale.

5: Excellent 4: Very Good 3: Good 2: Satisfactory 1: Poor

Sno	Description	5	4	3	2	1	Justification
1	Clear information about the course structure and academic plan						
2	Program is strictly organized as per academic regulations						
3	Quality of teaching and learning activities						
4	Genuinity of Evaluation System						
5	Counseling and assistance provided to enhance educational process and development of career						
6	Exposure provided towards industries						
7	Effectiveness of conducting training and Placement activities						
8	Encouragement given to participate in inter and intra circular and co-circular activities						

Please specify any suggestions for improvement which should meet the department vision

Date:

Signature of Student

**DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY
FEED BACK ON INSTITUTION FACILITIES**

Name of the Programme :

Name of the student :

Roll No:

Passed out year :

Gender: Male / Female

Please rank the following questions with justifications using 5 point scale.

5: Excellent 4: Very Good 3: Good 2: Satisfactory 1: Poor

Sno	Description	5	4	3	2	1	Justification
1	Sufficiency of books in library to meet your course requirement?						
2	Services provided by Library (Digital Library, online journals, magazines etc)						
3	Availability of drinking water facility						
4	Separate waiting halls provided to Girls						
5	Transport facilities provided to college						
6	Hygienic Canteen Facility						
7	Availability of fire extinguishers & First Aid kits						
8	Facilities provided for sports and recreation						
9	Reception & Security services						
10	Overall rating on Cleanliness of classrooms, rest rooms, toilets, campus etc.)						

Please specify any suggestions for improvements on facilities

Date:

Signature of Student

DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY
FEED BACK ON DEPARTMENT FACILITIES

Please rank the following questions with justifications using 5 point scale.

5: Excellent 4: Very Good 3: Good 2: Satisfactory 1: Poor

Sno	Description	5	4	3	2	1	Justification
1	Availability of Classroom with green/white board and projector facility						
2	Availability of Classroom adequate to accommodate total class strength						
3	Infrastructure-ambiance in the department						
4	Availability of full-fledged Department Seminar Hall						
5	Availability of well-equipped labs with safety measures provided to meet course requirement						

Please specify any suggestions for improvements on department facilities

Date:

Signature of Student

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications / materials brought out by the students during the previous four academic sessions.

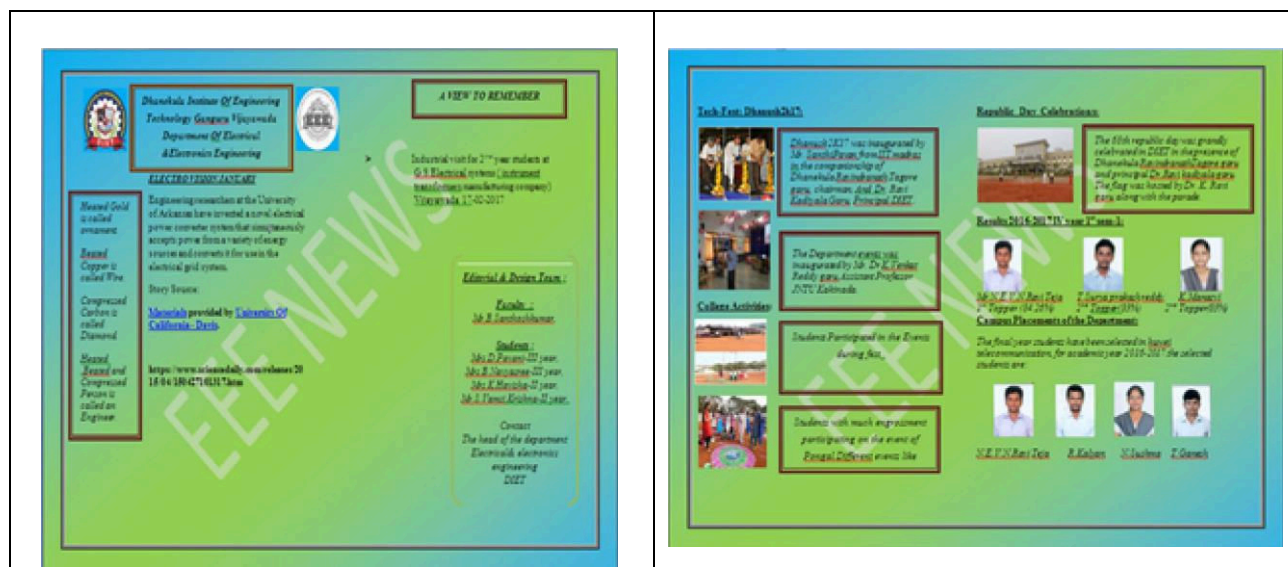
The college has a Newsletter committee which publishes newsletter in the departments half yearly and yearly at college level.

Following student members were are the Committee who actively participate in the printing of newsletter committee.

S.No	Department	Student Committee members	Responsibilities
1	CE	Y Rajeswari-148T1A0164 A Praneeth Kumar-138T1A0162 Abdul Rasheed Khan-158T1A0102 K Naga Poojitha-158T1A0108	Supporting the Faculty by organizing events and by collecting hard copies of Certificates from the students and providing necessary photographs for the events to be conducted in the College
2	CSE	B Hitesh-148T1A0536 K Bala Krishna-148T1A0512	
3	ECE	M Valli Madhavi-158T5A0423 B Haritha-168T5A0402	
4	EEE	D Pavani Chai-148T1A0215 B Navya Sri-148T1A0211 K Havisha-158T1A0211	

		S Vamsi Krishna-158T1A0236	
5	ME	B Rajanarahari-158T5A0315 J Adithya Sairam-158T1A0335 J Yaswanth Kumar-168T5A0313	

The published newsletter of EEE department recently monthly edition is displayed below:



5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

NO

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

Our college has involved number of students in several academic and administrative committees.

Academic Coordination Team:

Students with good academic back ground and with leadership qualities from each section are chosen and nominated as student representative. They take initiation to monitor the class and to maintain discipline in the class.

- The College has academic wise student's representatives which were established in 2010 with a name ACT (Academic Co-ordination Team).
- Selection: Toppers from each class are nominated by the class faculty in-charge.
- Principal and faculty members guide the students for the smooth functioning in various events and activities.
- Activities: The following activities are conducted with the help of students
 - Monitoring of completion of syllabus.
 - Organizing Inter collegiate competitions.
 - Participation in the departmental study tour.
 - Organizing various association programmes.
 - Organization of sports events

- Every year new student members are added to this team in place of course completed students and for this 2016-17 academic year the cell is constituted with the members as shown in the table.

S.No.	Branch Name	Members of the Committee
1	CSE	L.Govardhana Rao, M.navya Tejaswi- 2 nd CSE P.HariPriya, M.Sai Manoj- 3 rd CSE G.H.V.N.D.Madhuri,N.V.S.S.Harikumar-4 th CSE
2	ECE	G. Jahnavi, K. Jaggannadh 2 nd A ECE M. Sri pravallika, K. Venkata Sai kumar 2 nd B ECE Ch. Neelima, B.Balaji 3 rd A ECE M. Joshitha , A.Venkat 3 rd B ECE P.Keerthi Sai. Sri Harsha 4 th A ECE K.Siri Chandana , KSS.Karthik 4 th B ECE
3	EEE	D.Hari chandana,Y.Anvesh- 2 nd EEE S.RajeshVarma,K.Sushma Rani 3 rd EEE N.V.E.N.RaviTeja,N.Sushma 4 th EEE
4	ME	M.Jaya surya , K.Keerthi ,M.L.Chowdary, P.M.Reddy 2 nd A ME G.Rishidhar,S.Sai trinadh,M.SampathChowdary, M.Subrahmanyam 2 nd B ME J.A.Sai,M.A.Kumar,D.A.Manohar, Y.mukesh 3 rd A ME G.Sai swaroop,Sk.Aadil ahmed,B.Varun, B.Harika 3 rd B ME K.Amareshu,P.B.S.Guptha,J.E.Ragamala, Y.karuna sri 4 th A ME V.Phani Kumar,M.Sha Abhas, N.S.D.Naidu,Ch.Tejaswi 4 th B ME
5	CE	A .Meghana , D. Bargav sai 2 nd A CE S. Lakshmi, Siva Reddy 2 nd B CE Lavanya , Bhargav 3 rd A CE Sri Lakshmi, T.Sai chand 3 rd B CE M.Prasanna, V.Jooteesh 4 th A CE M.Sai Varalakshmi M. Sivaraju 4 th B CE

Administrative Bodies:

S.No.	Name of the Committee	Student Committee Members	Responsibilities
1	Department Association Committee	D.Lakshman-148T1A0172 L.Vijaya Durga-148T1A01A8 B.Susmitha-158T1A0186 Sk.Khajamohiddin-158T5A0217 B.Jeevan Chowdary-158T1A0326 P.Ramya-158T5A0419 T.Hareesh Kumar-158T1A0533	To conduct department wise technical events to develop the knowledge levels of the students and faculty
2	Library Committee	A.Kavya-148T1A0128 M.Chandu-148T1A0111	To suggest the librarian about

		N.Uttam-158T1A0188 N.E.V.N.Raviteja-138T1A0209 D.Pavani Chai-148T1A0215 T.Prasanna Sai-168T5A0223 K.Teja Pramodharamachandra-158T1A03A3 U.Praveen Babu-138T1A03A8 Asifa-168T1A0405 Leela Kaivalya-158T1A0444 MD.Nasreen-148T1A0492 S.Mohan Manoj-138T1A0445 K.G.Vyshnavi-138T1A05A1 B.rachana-148T1A0568 J.Gopal Krishna-158T1A0530 G.Himaja-168T1A536	the requirements of books, journals etc to cope up with the new trends,.
3	Website/ICT/ Internet Committee	D.Srinivas Rao-148T1A0192 SK.Habibullah-148T1A0178 Y.Anvesh-158T1A0204 D.Devi Abhishek-158T1A0310 K.Harshavardhan-168T5A0408 G.Vamsi Krishna-158T1A05B0	To collaborate with the campus web team to maintain current web standards
4	Transport Committee	P.Kinnera-14T1A0129 N.V.Ajay-138T1A01B5 K.D.Nagasudheer-168T5A0112 U.Divyasai-168T5A0127 SK.Saidabi-148T1A0226 M.Sree Praveen chowdary-148T1A0391 CH.Saranya-158T1A0487 V.Navya-148T1A0559 M.Pavan Krishna-168T1A0567	To Monitor transportation facilities provided to students and staff
5	Entrepreneurship Development Cell	V.Deepika-148T1A0112 A.Phanikumar-148T1A0156 Simhadri Naga venkata karthik kumar-158T5A0209 B.Venkata Krishna-158T1A03A8 N.Santhosh sai-148T1A0481 D.Brahmeswara rao-148T1A0518	Responsible for innovations in technical and managerial pedagogies
6	Alumni Association Committee	CH.Vijay bhaskar-148T1A01A7 Y.Anvesh kumar-158T5A0101 G.Vandana-158T1A0237 B.Girish-158T5A0203 K.Mohan sai-138T1A0349 A.Likitha-138T1A0338 C.Venkata teja-138T1A03B5 N.Surya deepika Naidu-138T1A03A2 B.J V S R Sree harsha-138T1A0424 P.Lavanya-138T1A0437	To maintain a database of alumni, enabling them to reconnect and strengthen their relationships

7	NSS Committee	Farheen Sultana-148T1A0101 V.Teja naga sai-148T1A0195 P.Siva Naga Raju-158T1A0179 N.Sushma-138T1A0245 Saraswathi RajeshVarma-148T1A0218 V.SambaSiva Rao-158T1A0228 Y.Harsha naga Ratna sai-158T1A0318 Ezra Sastry Musali-148T1A0325 G.Ajith-138T1A0302 B.Swetha-168T1A0413 Anurag-168T1A04B7 G.Nandini-168T5A040 D.Sowmya-158T1A0477 K.Anand sagar-148T1A0402 Sk.Sabiya sultana-148T1A0477 B.Jai sai Kiran-138T1A0426 M.Somalingeswara rao-138T1A0486 K.Krishna sri-138T1A0541 B.Chandra prakash-148T1A0513 M.Bhavani-168T1A0565	To encourage the students about social responsibilities
8	Hostel Committee	M.Asha rani-148T1A0107 M.Satti raju-158T5A0124 B.Rajesh-158T1A0157 B.John pavan prakash-168T1A0102 A.Augesteen-138T1A0101 V.Manusha-138T1A0139 B.Nga ramya vyshnavi-148T1A0210 P.Bhargava srinadh guptha-138T1A0311 Y.Gopi Krishna-148T1A0327 K.Krishna saketh-158T1A0333 Ch.Neelima-148T1A0450 U.Sri devi-148T1A0597 Venkateswara rao-168T1A05	To upgrade the facilities in the hostel
9	Canteen Committee/House Keeping/Hygiene/Sanitation	P.Sindhu-148T1A0185 V.Ragavendra-148T1A0162 D.Kasim peere-168T5A0105 M.Siva reddy-158T1A0180 T.Srinivas-148T1A0234 K.Krishna chaitanya-148T1A0333 A.Venkat-148T1A04A4 D.Vinod kumar-148T1A05B6	To plan, organize, control and evaluates the needs of the canteen
10	T&P/Career Guidance Cell	M.Priyanka-148T1A0160 N.Prafulla kumar-148T1A01A3 G.Naveen-168T5A0108 Y.Nirishitha latha-138T1A0231	To help placement avenues in

		G.Tirumala srirama Chandra charyulu-148T1A0235 A.Venkata ratnam Naidu-158T1A0238 M.Likhith chowdary-158T1A0337 O.Sai Krishna reddy-148T1A0375 J.Aditya sai ram-148T1A0302 T.Rasmi-138T1A0373 S.Asmini dutt-138T1A0308 Hari Krishna-168T1A0403 Md.Ashfaq-168T1A0470 M.Jayasri-168T5A0409 K.Saikumar-158T1A04A8 G.Jayarami reddy-148T1A0428 Ch.Kanchana-147W1A0416 SK.Bhavya-138T1A0409 V.Sneha-148T5A0419 B.Krishna chaitanya-138T1A0538 P.Kala harsha-148T1A0539 M.Sampath-158T1A0589 G.Sai prudvi-168T1A0537	different industries for all the eligible students
11.	Anti-ragging Committee	K.Shanmukh-148T1A0478 M.Balaram-148T1A0586	To form anti-ragging committee and take steps to prevent it
12.	Industry Institute Partnership Cell	S.Yamini-148T1A01A9 G.Apparao-148T1A0106 K.Saikumar-158T5A0213 M.Revanth kumar-148T1A0368 B.Venkata Krishna-158T1A03A8 N.Sohith sai-148T1A0481 D.Brahmeswara rao-148T1A0518	To help individual department Co-ordinator for the process of visit

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution?

- The Alumni Committee keeps in constant touch with the Alumni of the institution.
- The institution celebrates Alumni Day as part of annual celebrations with a wide publicity to reach as many alumni as possible.
- In addition, the institution encourages the alumni to organize their get together within the campus.
- The former faculties of the institution are also invited on that day to share their ideas, experience and for seminars / workshops as resource persons and evaluators. They are also invited for guest lectures and celebrations.

CRITERIA VI: GOVERNANCE, LEADERSHIP & 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 seek to serve, institutions traditions and value orientations, vision for the future, etc.?

Vision

Pioneering Professional Education through Quality

Mission

- ^ Providing Quality Education through state-of-art infrastructure, laboratories and committed staff.
- ^ Moulding Students as proficient, competent, and socially responsible engineering personnel with ingenious intellect.
- ^ Involving faculty members and students in research and development works for betterment of society.

The mission enables every individual to identify and solve problems of humanity by empowering the students and staff. The vision of the Institution is fulfilled by addressing the need of both internal and external stake holders.

The mission statement reflects the institution's distinctive characteristics:

- ^ To train the students to face the global challenges
- ^ To venture into creative ideas through research activities
- ^ To develop products and procedures based on societal needs
- ^ Serving the society with commitment
- ^ To cultivate skill based learning competing with the National and International institutions.
- ^ Serve as a sustained center - imparting engineering education so as to update and upgrade the existing engineering skills.

6.1.2 What is the role of top management, Principal and Faculty in designing and implementation of its quality policy and plans?

DIET, since its inception has been imparting quality technical education. The institution is governed by Dhanekula Venkata Subbaiah Charitable Trust, Vijayawada.

Role of Top Management

Governing body being the top management plays a vital role in designing quality policy and plans for the execution of day to day activities of the institution through various committees.

The body also plays a vital role in charting and finalizing the plans to achieve milestones. The institute has a good and effective quality policy to monitor the progress.

Governing Body of the institution meets minimum twice in a year to discuss various issues and aspects related to development of the institution.

It includes considering, approving and review of the institute strategic plan which sets the academic aims and objectives of the institution.

The body identifies financial, infrastructural and staffing strategies.

The Chairperson guides the general administration of the college on a day-to-day basis towards the achievement of the Vision and Mission of the College.

The secretary provides long term strategic guidance to the college. He plans commencement of new courses, increase in the student intake, maintenance and expansion of infrastructure and other strategically important matters.

Role of Principal

Principal is the Head of both the academic and administrative bodies including IQAC. He plans and coordinates all the academic and administrative activities. He closely interacts with the Heads of the various Departments and constantly monitors the teaching-learning processes, evaluation systems and students' performance improvement plans.

The Principal holds a weekly meeting with all the Heads of the Departments and reviews various academic aspects of the institution. Improvements, if any, are identified and corresponding changes are proposed to the quality policy and plans.

The Principal makes recommendations for the future planning and development of the institution. He also

- Monitors progress of all the academic activities
- Implements university guidelines in the institution
- Takes care of the fulfilment of all the curricular requirements
- Advises the management on introduction of new courses, faculty recruitment,
- Up gradation of existing infrastructure facilities etc.
- Heads the Interviewing Committee for faculty recruitment as its Chairman
- Takes care of faculty development and motivates faculty and students wherever necessary
- Arranges general counselling for the students every semester
- Takes care of students, faculty and staff welfare, their career, higher studies etc.
- Functions as the chief warden of the hostel students

Role of Head of the Department

- Head of the department designs vision, mission, program educational objectives, program outcomes of the department along with senior faculty members
- Continuously monitors course evaluation process and reviews the attainment levels at mid semester and at the end of the course
- Is responsible for overall functioning and infrastructural development of the department
- Periodically reviews all academic activities and sends a copy of the review to the Principal. Plans and monitors the conduct of all the co- curricular activities such as workshop, seminar, conferences etc.,
- Monitors the student attendance daily

Role of Faculty

- Preparing instructional plan and submits the same to Head of the Department
- Identifying the gaps in curriculum and submitting the report to the Head of the Department for fulfilment
- Evaluating the students course outcomes as per the university guidelines
- Identifying additional teaching aids required and proposing them to the department

committee

- Monitoring day-to-day performance of the students in handling the courses and providing feedback to the department committee
- Maintaining the course file up to date as per the instruction of HOD
- Adhere to the rules and regulations of the institution and maintain very high order of integrity and character.
- Counsel the students, identify their difficulties in learning and guide them to improve their performance.
- Finalizing the attendance every month, submitting the report to HOD and motivating the students regarding regularity
- Each faculty member plays a vital role in various committees and are supposed to meet the functions of the committee as scheduled
- Documentation of course files and committee activities
- Actively associates with all departmental and institutional activities like arranging guest lectures, industrial visits, seminars, workshops etc.,
- Plays active role in research and development and publishing various papers in national and international journals and conferences

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 thorough need analysis, research inputs and consultations with the stakeholders
- Reinforcing the culture of excellence
- Champion organizational change

The policy statements and action plans for fulfillment of the stated mission

To fulfill the mission statements, the Principal in consultation with the Heads of the Departments and other senior faculty, frames the policy statements and action plans in the beginning of every academic year. The top management approves the policy statements and action plans.

Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan

- The faculty members of the respective departments implement the formulated action plan under the guidance of the Head of the Department.
- Organizing value added programmes for holistic development of students
- Promoting community services

Interaction with stakeholders

- The Principal and Head of the Departments often interact with stakeholders and collect feedback from the stake holders at various levels, analyze and important inputs are taken into consideration in all management decision making process.
- Head of the Departments collect feedback twice in a semester from students, once in a year from parents and industries
- All the issues related to faculty and students are discussed in the meetings of the college academic committee, same is recorded in minutes circulated to all the departments

- The decisions taken and the issues discussed in meetings of the HODs are informed to the faculty in the department level meetings.
- This helps to find out the needs of the stakeholders which in turn will update the curriculum, improving teaching – learning process and research activities to match the industrial and social needs.

Proper support for policy and planning thorough need analysis, research inputs and consultations with the stakeholders

In tune with current global and national scenario the needs are analyzed, planned and implemented in consultation with the stakeholders.

- ✿ Formation of Research and Development Cell to promote research activities in the institution.
- ✿ Training and certification programs in consultation with industry personnel to make the students readily employable
- ✿ Conduct of various clubs like Eco Club, Student Library Forum, Youth Forum, SPARK, Reading Club etc., based on the students' needs
- ✿ Upgrading infrastructure facilities and resources needed for effective transaction of teaching- learning in the institute
- ✿ Training and certification programmes in consultation with industry personnel to make the students readily employable

Reinforcing the culture of excellence

The IQAC of the College is endowed with the responsibility of spreading quality culture with a host of quality policies, strategies and programs aimed at creating quality consciousness among all the stakeholders. The IQAC of the College provides suggestions for the

- Implementation of quality strategies
- Conduction of Orientation Programs
- Collection of Feedback of various and varied stakeholders

Champion organizational change

The college reviews the suggestions made by the stake holders and always open for any changes required in policy making. Being an academic organization with growth and progress in the academic field, it always plays an active role in the society and emphasis on sharing of knowledge and learning processes through seminars, conferences at national and international levels.

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 institution has taken requisite steps to maintain quality in academics and in administration and has obtained the ISO 9001:2015 certifications.
- ◆ The institute is affiliated to JNTU (K) and all the eligible undergraduate courses are going for accreditation by the National statutory boards.

The institute continuously improves quality of its academics in the following way:

- ❖ Preparing academic schedules, executing and completing the schedules in time
- ❖ Attainment of course outcomes are analyzed regularly

- ❖ Performance of students is monitored by fixing the target percentage and necessary measures like conducting remedial classes, tutorials and makeup classes are taken to improve the performance
- ❖ The Head of the institution holds meeting frequently with the Head of the Departments regarding curriculum, routine class work, internal and external University examinations.
- ❖ The institution has constituted various committees for smooth running of the institution. These committees collect data, analyze the same and prepare reports for Management's review.
- ❖ With the proper approval of the Management and under the supervision of the Principal, the plans are implemented and monitored by the Heads of the Departments.
- ❖ Incorporating the inputs received from industry experts in emerging areas of Engineering and Technology suitably in the teaching-learning process to provide an edge over the curriculum prescribed by the university with an ultimate aim of turning out competent professionals.
- ❖ The staff & students can access online journals.
- ❖ Communication facilities such as Intercom, Internet, Intranet
- ❖ Use of modern teaching aids
- ❖ Arranging conceptual understanding sessions, guest lectures, in- house training programs for faculty and students etc.,
- ❖ Encouraging the students to participate in NSS, NCC activities organize and participate in seminars, workshops and conferences to improve their academics, overall personality and to imbibe an attitude of service to the society.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

The Principal is the academic as well as the administrative head of the College for day to day activities. One of the distinctive characteristics of the institution is flexible and empowering environment. The top management ensures to preserve that environment.

- The management gives academic freedom to the faculty. The faculty can choose the subjects based on their strengths and interests.
- Faculty is empowered to plan and deliver the curriculum and the management provides necessary support in terms of infrastructure, technology, etc.
- The faculty has a free hand in organizing co-curricular and extra-curricular activities for developing skills among the students and faculty.
- Faculty members also play an important role in all the student centric activities
- The faculty is given the responsibility as a class-in-charge to mentor the students discipline and academic performance
- The faculty as a lab-in-charge is responsible to monitor the lab activities and its requirements
- The lab-in-charge identifies the gaps in the curriculum and can bring out necessary amendments
- Faculty as project coordinator accomplishes department objectives by providing work direction to students and work requirements by orienting, training and scheduling.

- Faculty as coordinators of different committees perform their responsibilities to reach the objectives of the cell

6.1.6 How does the college groom leadership at various levels?

Every faculty in the department including a junior faculty is given an opportunity to be a member in the committees, class in charge, lab in charge, mentor along with the regular teaching load, which is an opportunity for him/her to exhibit his/her leadership skills.

Senior faculty along with their regular teaching and administrative load is also given an opportunity to involve in policy planning and execution by nominating them in Department Committee.

Head of the departments were given freedom to plan any policy and request for approval by the principal for implementation to improve the quality in the teaching – learning process.

Principal is given freedom to propose and implement any innovative methods in teaching-learning process, propose and establish any additional infrastructure for the betterment of the institution.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

- ⤴ The Principal, Heads of the Departments and various committees participate in decision making which create an organizational democracy.
- ⤴ Powers and responsibilities are delegated to faculty on the basis of their competence, commitment and aptitude to meet the institutional objectives.
- ⤴ The top management does not interfere in these implementations. At the department level, individual faculty members are responsible for implementing the plans at various stages and they will be guided and monitored by the respective Heads of the Departments.

S. No	Name of the Committee	Activity/ Function
1	Academic Advisory Body	Attend biannual/need based meetings and review agenda and supporting documents before attending meeting. Provide support in planning program and identifying resource persons for meeting the identified gaps in the curriculum/industry requirements and also Assist in identifying the resources for funding R & D Projects/ seminar grant / student innovative projects.
2	College Academic Committee	To review the academic, students, faculty development programs and other related activities of the college. To visualize and formulate perspective plans, Master Plan for the development and growth of the college. To formulate and plan for resource mobilization through

		industry interaction, consultancy and extra-mural funding. To promote research and extension activities, teaching innovations and student placement programs in the college campus. To plan for sustaining the quality of education, quality improvement and accreditation of the college. To recommend schemes to promote participation of academic departments in community development activities in the region. To consider such other activities for furtherance of academic excellence
3	Student Counseling / Grievances Redressal Committee	To improve the quality of counseling and conduct awareness program on counseling process.
4	Purchase/Stores	To allot the yearly budget department wise by discussing with the management. Prioritizing requirements by discussing with corresponding department purchase committee.
5	Public Relations, Press & Media, Publication Committee	Development of rapport, goodwill, understanding and acceptance as the chief end result sought by public relations activities. Public Relations are for establishing the relationship among the two groups (organization and public). Conducting Press - Meets, Clarifications & Press releases, media alerts, and press conferences – For timely/breaking news by making.
6	R&D and Consultancy	To identify thrust areas of research and encourage the faculty to carry out research. To identify the budgetary requirements and resources for funding the research and periodically review the progress of research.
7	Internal Training (Managerial/ Soft / Communications Skills, etc)	Identifying department wise training needs and explore interests and expectations of students corresponding to the counseling committee reports. Assessing training requirements of faculty as per the recommendations of department heads. Evaluating the participation and learning process during the programs.
8	Training & Placements and Career Guidance Cell	Identifying training needs and facilitating career guidance to students.
9	Hostel Committee	To create an atmosphere of harmony and co-operation amongst the boarders of each hostel and boarders of hostel and provide the boarders a peaceful and congenial environment to enable them to excel in their

		studies and personality development.
10	Canteen Committee /House-Keeping/Hygiene/Sanitation	To establish and Implement the canteen policy and to monitor the discipline in canteen.
11	NSS Committee	Inculcate social welfare in students to acquire leadership qualities and democratic attitudes for providing service to society without bias. Work to ensure that everyone who is needy gets help to enhance their standard of living and lead a life of dignity.
12	Social Welfare (BC/SC/ST)	Maintain database of students belongs to BC/ SC/ST community. To make the students aware of the various schemes/Assistances/Scholarships available for students. Committee continuously monitors the effective implementation of the social welfare Policies intended for BC/SC/STs Welfare by the Govt of Andhra Pradesh.
13	Sports & Games	To provide a platform for students to go beyond their academic quest and explore their skills in Sports and games and develop sports skills and self-confidence.
14	Transport Committee	To allocate bus routes for the students and staff and allot busses for Industrial visits/ Placement and Training activities/ Co- curricular activities. To monitor over all maintenance of the transport.
15	Dhanekula's Samskruthi-Arts/Cultural Committee	To develop and promote the rich diversity and uniqueness of various arts and upgrade their skills and to assist the students to develop communication skills, organizational skills, leadership and self-confidence.
16	General Maintenance Committee	Reviewing proposed resolutions by the governing body. Facilitating the dissemination of information in the institute. To look after the general maintenance of the buildings, generators etc.,
17	Department Associations Committee	To promote synergy among the students by promoting interactions and exchange of ideas and co-ordinate the non-academic functions like organizing Group Discussions, debates & quiz, preparation for campus interviews and Seminars by eminent personalities from the various industries/fields, within the departments.

18	Examinations/Time-Table/Admissions	To consolidate the roll list as per the university guide lines. Maintaining of university curriculum course wise and branch wise by preparing the academic calendar day wise. Finalizing the internal marks and attendance and forwarding the attendance to university including condonation and detention lists.
19	Library	Serve as an interpreter of the requirements of the library to the committee and authorities and recommend for funds needed. Provide support to the librarian in taking important decisions having implications for the users.
20	Industry Institute Partnership Cell	To create awareness on industry systems quality, safety and housekeeping and other working standards of the industry by conducting seminars and guest lectures. To facilitate the process of identifying the internship opportunities for the desired students.
21	Entrepreneurship Development Cell (EDC)	To develop and introduce curriculum on Entrepreneurship Development at various levels including degree/diploma courses of the parent institution and conduct skill development training programs leading to self/wage employment.
22	Website/ICT/Internet Committee	To design and maintain college website with up to date information. To recommend, design and deploy new ICT tools & policies when required and review, monitor the existing ICT plans of the college. To procure and install industry specific software when and where required.
23	Alumni Coordination Committee	To conduct Alumni meet once in a year and collect feedback from alumni in order to contribute to the quality policies of the institute. To coordinate the department's and maintain the alumni data.
24	Internal Quality Assurance Cell	Development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution. Dissemination of information on the various quality parameters of higher education. Acting as a nodal agency of the institution for quality-related activities.
25	Women Welfare /Sexual Harassment Eradication Cell	Women's Empowerment through Education. Creating awareness and preventive steps towards protection of

		women staff / female students from sexual harassment in the college.
26	Right to Information Cell	To receive the application regarding seeking of information from the person approached in proper format along with application fee. To provide assistance in filling the application in case of language barrier of the applicant. To check whether the information sought or part there of is exempt from disclosure under section 8 or 9 of the act. To accept or reject the application, if rejected to be conveyed to the applicant with the reason of rejection. If accepted to make necessary arrangements for the collection of data. To fix up the additional fee if any to be paid by the applicant.
27	Professional Societies Activities Committee	Conduct awareness programs on recent trends in Engineering and Technology and organize national and international seminars.
28	Electrical/Computer Network Maintenance Committee	Develop, implement, and maintain policies, procedures, and associated training plans for network resource administration and appropriate use. Negotiate with vendors, outsourcers, and contractors to secure network products and services.
29	Students, Faculty/Staff Grievance Cell	To solve students grievances which may relate to Assessment/ Victimization/Attendance/Charging of fees/Harassment by colleague students or the teachers etc. solve faculty issues arising from their employment/in-disciplinary action among staff members/termination/ allegations.
30	Anti-Raging Committee	The Institution follows the policy of zero tolerance to ragging. The main function of the cell is to keep vigilance and avoid ragging among students.
31	Newsletter Coordination Committee	Printing the News Letter with a view to disseminate the Vision and Mission of the department as well as the institute.

6.1.8 Does the college promote a culture of participative management? If “yes”, indicate the levels of participative management.

Yes, the college promotes the culture of participative management which enables staff and students to give their opinions and suggestions for improvement.

All academic and administrative activities are decentralized and decisions are taken

based on discussion and deliberations in department meetings, monthly faculty meetings and HOD's meeting with Principal and student feedback. Following are the various levels of participative management:

- The Governing Body
- Chairman and other members of the society
- Principal
- Heads of the Departments
- Faculties in-charge of various committees
- Faculty
- Student representatives
- Parents
- Alumni
- Non-Teaching Staff

S. No	Name of the Committee	Members Composition
1	Academic Advisory Body	Principal, 2 Senior Faculties, 2 academicians from outside and 2 industry experts, AO
2	College Academic Committee	Principal, HODs, Librarian, Exams Incharge, AO
3	Student Counseling / Grievances Redressal Committee	Principal, HOD's, 2 Senior faculty + Two Students per each class
4	Purchase / Stores	HOD's, 2 Senior faculty, AO
5	Public Relations, Press & Media, Publication Committee	1 Faculty from each dept. + Students
6	R&D and Consultancy	1 Faculty from each dept. + Students
7	Internal Training (Managerial/ Soft / Communications Skills, etc)	1 Faculty from each dept. + Students
8	Training & Placements and Career Guidance Cell	1 Faculty from each dept. + Students
9	Hostel Committee	1 Faculty from each dept. + Students
10	Canteen Committee /House-Keeping/Hygiene/Sanitation	1 Faculty from each dept. + Students
11	NSS Committee	1 Faculty from each dept. + Students
12	Social Welfare (BC/SC/ST)	1 Faculty from each dept. + Students
13	Sports & Games	1 Faculty from each dept. + Students

14	Transport Committee	1 Faculty from each dept. + Students
15	Dhanekula's Samskruthi- Arts / Cultural Committee	1 Faculty from each dept. + Students
16	General Maintenance Committee	1 Faculty from each dept. + Students
17	Department Associations Committee	1 Faculty from each dept. + Students
18	Examinations/Time-Table/Admissions	1 Faculty from each dept. + Students
19	Library	1 Faculty from each dept. + Students
20	Industry Institute Partnership Cell	1 Faculty from each dept. + Students
21	Entrepreneurship Development Cell (EDC)	1 Faculty from each dept. + Students
22	Website/ICT/Internet Committee	1 Faculty from each dept. + Students
23	Alumni Coordination Committee	1 Faculty from each dept. + Students
24	Internal Quality Assurance Cell	Principal, 2 Senior Faculty and all HOD's
25	Women Welfare /Sexual Harassment Eradication Cell	Principal + 1 Faculty from each dept. + Students
26	Right to Information Cell	Principal + Faculty
27	Professional Societies Activities Committee	1 Faculty from each dept. + Students
28	Electrical/Computer Network Maintenance Committee	1 Faculty from CSE & EEE +Staff
29	Students, Faculty/Staff Grievance Cell	Principal + 2 Senior Faculty
30	Anti-Raging Committee	1 Faculty from each dept. + Students
31	Newsletter Coordination Committee	1 Faculty from each dept. + Students

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

YES, the institution has a formally stated quality policy. An Internal Quality Assurance Cell (IQAC) has been constituted to develop, drive, deploy and review the quality policy.

The IQAC takes into account the vision & mission and several other aspects of the institution and formulates processes to ensure quality outcome.

The quality policy statements are:

- ◆ To strive for getting best ranks of incoming students (convener quota) with 10% improvement every year, will be revised every year
- ◆ To strive for improving academic performances of student in every branch by 10% and will be reviewed once in a year (batch wise result)
- ◆ To strive for 25% of students from each branch getting first class with distinction will be reviewed once in a year
- ◆ To maintain student satisfaction level above 80% and will be reviewed once in a semester
- ◆ To strive for conducting remedial classes and makeup classes to help academically weak students after working hours
- ◆ To provide minimum one training program to teaching faculty and will be reviewed once in a year
- ◆ To strive for 50% placements for all eligible and registered students from each branch will be reviewed once in a year
- ◆ To strive for at least two paper publications from each department, will be reviewed once in a year
- ◆ To strive for conducting one guest lecture/ technical seminar in every semester from each department will be reviewed once in a semester
- ◆ To improve the social responsibilities in students by imparting moral and ethical values

The IQAC works closely with the management and the Principal to drive and implement the processes across the institution. The cell meets once in a month to review the progress of implementation and accordingly makes changes to quality policy, where necessary.

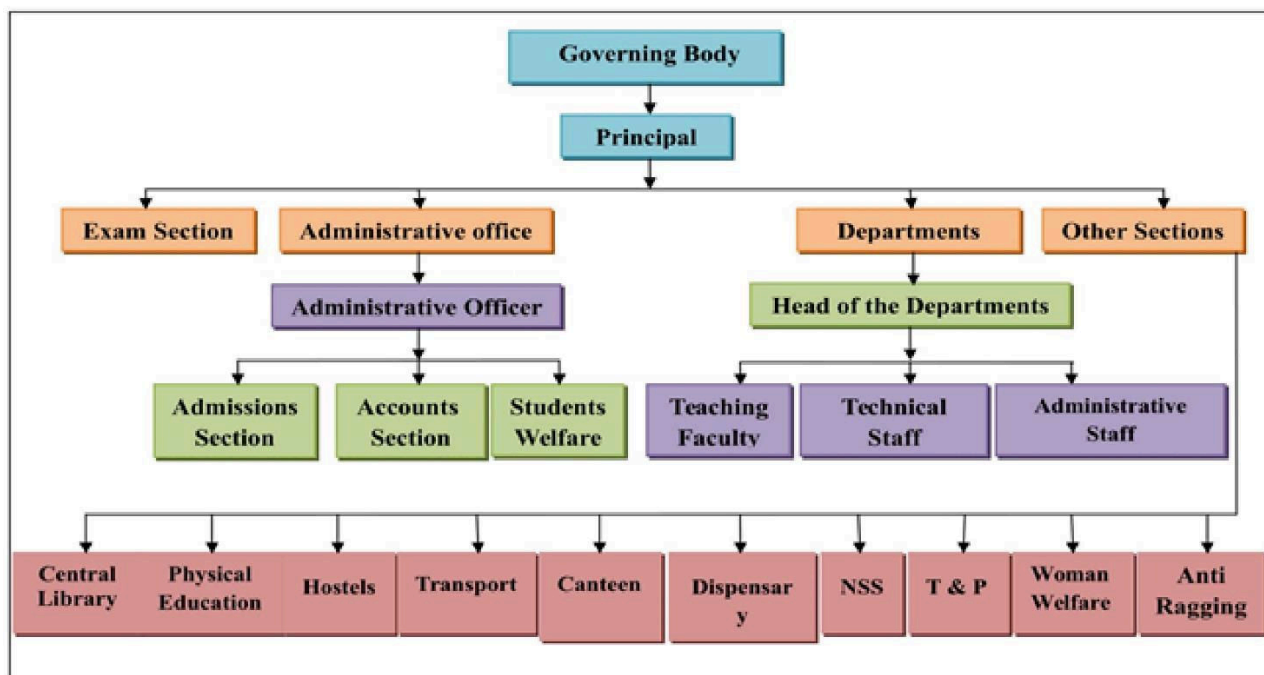
Successful implementation of the processes is monitored at various levels by evaluating the students' performance and teacher's performance. The ISO Auditing and the coordination of IQAC in the various monitoring processes also help in the review processes.

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 strategic plan in line with its vision & mission and is more about the enrichment of student's strength in order to make them employable and capable citizens and the IQAC of the College plays a vital role in drawing the Perspective Plan of the College. The considered aspects are:

- Teaching – learning strategies
- Research & Development
- Community Engagement
- Human Resource Management
- Infrastructure Management
- Systematic performance appraisal system and guidance to the people concerned
- Training & Placements
- Industry Interaction and involvement
- Stakeholder Involvement
- Academic Audit

6.2.3 Describe the internal organizational structure and decision making processes. Organizational Structure of the Institute



Governing Body is the functional head of the institution. It mainly looks after overall growth of institution.

- ✿ The Principal is the Chief Academic Administrator and an association between the Management, Staff and Students.
- ✿ The Principal has equitable autonomy to take financial decisions in consultation with the management, related to procurement of lab equipment, funding seminars, workshops, Departmental expenditure.
- ✿ HOD is responsible for the functioning of the respective Department as per the policies of the college.
- ✿ The Administrative Officer looks after the day-to-day administration of the college office and helps the Principal in complying with the regulatory bodies.
- ✿ Every committee shall have a co-coordinator and one faculty member from each department. Coordinator will be the in charge of the committees and its programs.
- ✿ Coordinators of all committees will report to their respective HODs and HODs shall report to the Principal on the matters that come within the perspective.
- ✿ Decisions pertaining to academic matters are decentralized. Allotment of course work, monitoring of syllabus coverage, planning and organizing seminars, guest lectures, workshops, industrial tours, staff orientation programs, remedial sessions, Personality development programs, project works are also organized by the faculty as per the instructions of the HOD.

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**

Following are the quality improvement strategies of the institution:

Teaching & Learning

- To enhance the relevance and quality of programs by gradually switching over from current teaching centric, syllabus/subject-centric and examination – centric education to learning- centric, competence-centric, learning outcomes-based education.
- Selection of best faculty.
- Assigning a subject based on experience and interest.
- Employing modern teaching methods like discussions, presentations, seminars, etc.
- Conducting remedial classes
- Spacious, well-ventilated classrooms
- Continuous improvement of resources
- Excellent library resources
- Conducting expert lectures, workshops and seminars for students and faculty.
- Providing laboratory and workshop facilities for designing, fabricating and testing student’s projects/products
- Inculcating self learning through hands-on-experience.
- Student mentoring system wherein over 20 students are counselled by a Faculty Counsellor in order to motivate, guide and counsel the students periodically.
- Students attendance is monitored by a software viz., e-cap
- Students are encouraged and motivated to appear for competitive examinations and aptitude tests like GATE, CAT, GMAT, Civil service examination, etc. The study materials are also provided.
- Principal, HODs and Faculty members interact with students and parents personally to discuss the progress of the students.

Research & Development

- Establishment of Research & Development Cell to promote faculty and students research in thrust areas.
- Allocation of budget to Research & Development
- Establishment of Centre of Excellences for promoting research culture among the students and faculty.
- Encourage the faculty to publish research papers and attend conferences by providing monetary benefits etc.,
- Encouraging faculty to apply for sponsored research projects by providing required research facilities.

Community Engagement

- The college has been providing various platforms to involve the students in lot of social service activities through NSS.
- Medical and Blood Donation Camps
- Creating awareness among surrounding village people about water harvesting, disposing of waste, cashless transaction etc...
- Contribution to welfare programs.

Human Resource Management

- Additional faculty and staff requirements are planned well in advance by the respective HODs and submitted to the management through the principal.
- The team consolidates all the requirements and the details of staff requirement are posted in News Paper advertisements.
- Interviews are conducted for the short listed candidates by the selection panel consisting of secretary, principal, HOD's and Subject Experts from other nearby institutions
- Organizing expert lectures on advanced technologies by experienced academicians.
- Rewarding the best performers.
- Offering additional benefits for attaining a higher qualification.

Industry Interaction

- Organizing lectures by industry professionals
- Organizing industrial visits for students and faculty
- Experts from industry conduct workshops and training programs which help the students to learn the current trends in technology which enable them to come out with innovative projects.
- Faculty who attend sabbatical training in industries share their knowledge and experience with others in the department

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

- ◆ The feedback from students, alumni, parents and from employers is collected by the principal with the support of various committees. He ensures that the information is available to the top management, HODs and the stakeholders.
- ◆ Review will be done on the information and activities of the institution through evaluation and meetings with Alumni, Parents, students and staff regularly.
- ◆ The feedback received from the stakeholders also serves as a source of information for future improvements. Consolidated reports are prepared by the HODs and forwarded to the Principal from time to time. These suggestions may help for the growth of the college.
- ◆ Feedback is obtained from industry experts who visit the college to give Guest Lectures, conduct Training Programmes, Workshops etc.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

- ◆ A continuous encouragement is given by the management to the staff to involve in the development programs of the institution.
- ◆ Each and every individual in the institution will be made responsible to attend allocated duties assigned by the Head of the Institution.
- ◆ The members of various Committees like Academic advisory body, Examination Committee, Placement and Training Committee, R & D Committee, Library Committee, Students Welfare and Extracurricular Activities Committee, Grievance Redressal Committee, Alumni Committee, Anti-Ragging Committee, Disciplinary Committee, Sports and Games

Committee, Women's Cell, Department library takes part in various administrative activities.

- ◆ The faculty members are encouraged to participate in and make use of
 - ▲ Faculty development programmes
 - ▲ Industrial visits
 - ▲ Conceptual understanding sessions
 - ▲ Industrial training
 - ▲ Various conferences and seminars in the area of specialization
 - ▲ UGC and AICTE sponsored quality improvement programmes
- ◆ Teaching and Non-teaching staff are also encouraged to pursue higher studies through academic leave, flexibility in workload and timing, extension of laboratory, internet and library facilities.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Details of the resolutions made by the management council for 2015-16:

- The campus has to be enabled with Wi-Fi coverage of 200sq.m of academic area.
- To meet the add on laboratories a built up area of about 1350Sq.M has to be extended as proposed by the principal for academic requirement
- To implement outcome based education from the academic year 2016-17 for acquisition of specific skills and competencies towards employability of students
- For overall development of the institute additional infrastructure has to be implemented
- As a part of ICT every classroom to be provided with LCD projector

Status of implementation:

- All the resolutions taken above will be completed by the end of the academic year 2016-17
- The outcome based education is already in progress.

6.2.8 Does the affiliating University make a provision for according the status of autonomy to an affiliated institution? If yes, what are the efforts made by the institution in obtaining autonomy?

Yes. The institution will become eligible for autonomous after 10 years of existence along with NAAC& NBA Accreditation. NAAC& NBA accreditation are in progress.

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?

- ◆ In order to tackle with the grievances of the students and the staff the institution has established a Grievance Redressal Cell.
- ◆ The Grievance Redressal cell shall monitor status and progress of Grievances and shall furnish report on grievance Redressal position to the Principal.
- ◆ The cell is composed of one senior faculty as coordinator and faculty members from each department as its members.

- ◆ The cell ensures that grievances/complaints are promptly attended and resolved effectively through following mechanisms for promoting better stakeholder relationship.
 - All the grievances related to academics are discussed with the concerned Heads of the departments and resolved at the department level.
 - To assist the college administration a number of other committees such as Women Protection Cell, SC, ST Grievance Cell, Anti-ragging Committee, etc. are constituted.
 - The college has a women welfare and sexual harassment and eradication cell which attend to the grievances of girl students and women staff members.
 - Suggestion boxes are made available.

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?

There is no such instance of court case filled by or against the institution.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If yes, what was the outcome and response of the institution to such an effort?

The college has a mechanism for analyzing student feedback on institutional performance. Every year a confidential feedback on various aspects of the college is collected from the students by providing a standardized questionnaire. In this regard the feedback is collected from students, Alumni, Parents.

Students Feedback:

- ◆ Based on the student feedback and analysis, teachers are advised to improve in the lagging fields. Faculty member who scores less than 75% feedback from the students will be counseled for improvement by principal.
- ◆ Apart from the regular student feedback, every academic year exit feedback is also collected from the passing out students.
- ◆ Based on students feedback management creates additional infrastructural facilities,
- ◆ formation of student activities oriented clubs are also initiated

Alumni feedback:

- ◆ Alumni are an excellent resource for current students for employment.
- ◆ The suggestions from alumni are taken into consideration by the management and necessary steps are taken by the management to fill the gap
- ◆ This survey helps to assess on the Program Objectives and Learning Outcomes based on their experience.
- ◆ The data will be analyzed and used in continuous improvement.

Parents Feedback:

- ◆ Parents meet is arranged where Top level management interacts with the gathering.

- ◆ The feedback from the parents on college, infrastructure, faculty and academics is collected orally and also by using a specified feedback form. The data will be analyzed and used for further implementation of new strategies.

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 provides various platforms to enhance the professional skills of teaching and non- teaching staff and to be on par with recent trends. The institute conducts various training programs, pedagogy, coaching, workshops etc., The institution encourages the faculty and non- teaching staff in the following way:

- By providing facilities to faculty for the perusal of higher studies and for research programs.
- By deputing the faculty and technical staff to attend workshop, conference, seminar, symposia and training programs to other reputed colleges, Industries.
- By organizing in-house faculty development programs, administrative skills development, value based programs, teaching learning courses to enhance professional skills.
- By providing facilities of national and international e-journals like IEEE, Elsevier etc to enhance the knowledge of faculty as well as students.
- By encouraging faculty to take membership of national, international & professional bodies.
- The Institution also encourages the Non- teaching employees by providing training time to time to enhance their management and technical capabilities.
- Motivational talks are organized for both faculty members and non- teaching staff to achieve the vision of the institute
- Special incentives to individual faculty members ensure a conscious effort on the part of the faculty to publish in high impact factor journals as indexed in Scopus.


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 responsibilities they perform?

To empower the faculty with the roles and responsibilities the institute adopts the following strategies:

- ✱ Training programs on teaching skills and industrial training for the development of teaching & non-teaching staff are conducted.
- ✱ In- house training programs are planned and carried out for faculty as per need and requirement of the institution
- ✱ Arranges webinars of ISTE, CSI etc, to make the faculty acquainted with the recent trends & development in emerging areas.
- ✱ Organizes resource lectures of eminent faculty for conceptual understanding and sharing their experience.
- ✱ Organizes value based training of art of living, ethical and moral values.
- ✱ Faculty are entitled to be sponsored for training programs, paper presentations, attending seminars, workshops, quality improvement program etc.
- ✱ The faculty are given emancipation to attend industrial training and visits

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.

- ✧ At the end of the academic year every faculty is requested to submit the filled in appraisal form to the Head of the Department.
- ✧ Head of the Department makes necessary arrangements to validate the data submitted by staff and certify the form.
- ✧ The performance of the faculty members is being measured with the following parameters:
 - Student feedback
 - University results
 - Additional and Co-Curricular activities
 - External duties
 - Publications in journals, books, conferences etc.,
 - Presentations as invited talks, guest lectures etc.,
 - Project and consultancy
 - Professional development activities

 DIET-6.2.2/FT 03 FACULTY PERFORMANCE APPRAISAL																	
1. Name :																	
2. Designation :																	
3. Department :																	
Academic & Laboratory works:																	
4. Performance report for the academic year...																	
Activity	Subject 1 ()	Subject 2 ()	Subject 3 ()	Subject 4 ()	Subject 5 ()	Subject 6 ()	Subject 7 ()	Subject 8 ()									
% of syllabus covered																	
No of units completed / no of allotted to you																	
No of periods conducted / University prescribed																	
No of students attended / No of passed in,																	
Percentage of pass																	
Feedback (%)																	
	Overall Feedback (%)			Overall pass (%)													
Personal Contribution:																	
5. a) Innovative methods (Class room / Lab) [] :																	
b) Extra coaching arranged [] :																	
6. Laboratory [] :																	
No of sessions conducted																	
No of experiments prescribed in the syllabus:																	
No of experiments completed :																	
7. List of seminars / workshops attended during above period																	
1.																	
2.																	
3.																	
8. List of papers / articles published / presented during above period																	
1.																	
2.																	
3.																	
9. List of sponsorship / consultancy / project work during above period																	
1.																	
2.																	
3.																	
10. Any other assignments (non-academic works) Pertaining to																	
a) College :																	
b) University :																	
c) any other organization :																	
11. a) Appreciation / Awards / Recognition Earned :																	
b) Disciplinary actions faced :																	
12. Other Activity inside / outside the campus towards development of self and students :																	
13. Any other information :																	
14. Whether proficient with rules, regulations and Management system :																	
15. Leave details																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Period (from to)</th> <th>Casual Leaves</th> <th>Loss of Pay</th> <th>No of Lates</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										Period (from to)	Casual Leaves	Loss of Pay	No of Lates				
Period (from to)	Casual Leaves	Loss of Pay	No of Lates														
Faculty / Staff / Date																	
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.)																	
Principal / Date																	
STAFF / FACULTY APPRAISAL – POINTS EARNED:																	
Student Feedback-20	University results -50	Self appraisal – 10	HOD – 10	Principal – 10	Total – 100												
Pl mention below the topics of in-house training you need in the next year: 01. 03. 02. 04. 05. 06.																	
Faculty / Staff / Date:			HOD/Date:		Principal/ Date												

Faculty Performance Appraisal

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?

A summary of the Performance Appraisal Report is presented to the Top Management.

After the assessment of the faculty performance the scores are communicated in person by the principal and the faculty who got less than 75% are identified and redressed for better performance

The needful faculty is sent for external faculty development program and if the deficit still exists they are again counseled by the principal.

The management takes decisions regarding promotions, regular increments etc., and the institute also initialized with awards that have highly motivated the faculty members. This has lead to a positive growth in the area of teaching and research. Faculty members with high performance index will be awarded with “Best Teacher” award.

Name of the Award	Number of Awards	Description
Best Teacher	06	Overall Academic Performance

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?

Following are the welfare schemes implemented for the teaching and non-teaching fraternity.

S. No	Welfare Scheme	% of Beneficiaries
1	Employment Provident Fund	42
2	ESI	39
3	Concession in Transportation	45.6
4	Sabbatical Leave for pursuing research	2.74
5	Academic / Study leave	9.89
6	Faculty members are sponsored to present papers in seminars / conferences	All

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

As the institution is six years old and well reputed in the area hence good number of faculty will be willing to join the institution and following are the measures taken by the institution to attract and retain the eminent faculty:

- Encouragement for Research & Development work
- The institute encourages Research & Development for every individual faculty by allotting less work load and also providing necessary research facilities to be carried out within the institute with flexible working conditions.
- Interests & strengths of the faculty are considered while allotting academic responsibilities.
- Groom the faculty by encouraging to attend Faculty Development Programs (Internal & external).
- Salaries as per norms.
- Giving due recognition and awards as best teacher by systematically conducting annual appraisal for every faculty based on the completion of syllabus in time, innovative teaching techniques used, performing additional duties, result analysis, feedback of the students, publications and other achievements.
- Making available a number of staff welfare schemes like employment provident fund, ESI, Concession in transportation etc.,

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?

- ✧ A finance committee has been constituted with the Governing Body, and the annual budget for utilizing the Income, granting funds to different activities in every year is planned by this Finance committee.
- ✧ This committee allocates the funds for salary, infrastructure development, research and equipment in laboratories, furniture, books, journals, faculty development and other necessary requirements.
- ✧ Collection of tuition fees, purchases of materials, books, stationeries, equipment's and its maintenance, payment of bills are made through Accounts.
- ✧ Every financial transaction is recorded and all the procedures and dealings are computerized.
- ✧ For efficient and effective use of available financial resources, plans, budget, Expenditures are collected from department level every year.
- ✧ A dedicated staff will look after Salaries, Income Tax, and Purchase. All receipts are maintained in a guard file, and other transactions are also recorded in the stock registers.
- ✧ Budget is reviewed by secretary and principal on a quarterly basis.
- ✧ The staff has to take prior approval from the head of the department and the college to make purchases at department level.
- ✧ After purchasing of a required item have to submit proper bills or necessary proof for such expenditure.
- ✧ At the end of the each financial year a Balance sheet of Budgeted amount and actual amount spend is prepared to see the deviations in utilization of the funds.
- ✧ At the end of every financial year the balance sheet is audited by an experienced chartered accountant. This will help to monitor efficient and effective use of financial resources in the college.

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.

- ◆ Accounts are audited by an internal auditor on regular basis and an annual audit is done by the statutory auditor.
- ◆ The audit of accounts is done twice in a year and submission of income tax returns is being carried out regularly each year.
- ◆ The annual reports are made on the basis of factual data's and reports so made very transparent and authentic.
- ◆ The audited report by the external CA is placed before the Management for scrutiny and rectification. The qualified remarks given by the auditor are taken into consideration.
- ◆ There are no audit objections since the institution follows a good system of internal controls like calling quotations, comparison of rates, preparation of purchase order etc., and approvals at every stage of such implementation and due verification of goods and services that are obtained after delivery or completion of works.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

The major funding is tuition fee as per AFRC and the fee of reimbursement students is funded from government of Andhra Pradesh. A consolidated report of income and expenditure of past four years is placed below:

Expenditure	Amount (INR)			
	2015-16	2014-15	2013-14	2012-13
Administrative Expenditure	383199	352236.50	298410	182688
JNTU, ANU INFRA, AICTE Application fee	1182228	3185250.00	2130500	4191202
General Maintenance	6428833.52	5957340.21	4780342.14	8451300.28
Maintenance of Infrastructure	9571582.50	9234539.09	11218674.20	3344176.50
Salaries	64337514	55762963	46177989	31598122
Staff welfare	183743		25500	843758
Seminars	632561	263691	595808	399185
Insurance	580941	587179	605150	303977

Student activities	1015538	1355521	518273	1295714
Advertisement	453037	314510	175534	625331
Interest on loans	5603655	10357183.17	12853074.66	11469068
Rates& taxes	235538	1092720	402480.00	205427
Internet expenses	271762	525895	310167.00	375638
Audit Fee	229000	168540	174540	198540
Exam cell expenses	121999	161714.5	141453	81653
Travelling& conveyance	104586	78770	33517	235536
Bank charges	16678.53	20877.47	21410.20	17489
Donations	10000			
Depreciation	16517792	16683871	17860105	17408714
Total Expenditure	10,78,80,187.55	10,61,02,800.94	9,83,22,927.20	8,12,27,518.78
Total Income	12,36,31,660	9,51,68,500	7,28,04,600	4,10,74,025

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

Institution is Self-Sustained.

6.5 Internal Quality Assurance System

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 College established an Internal Quality Assurance Cell in May, 2016.
- ◆ The quality policy of the institution is “A center of excellence with quality infrastructure imparting value based education on par with international standards by adopting modern training methodologies and fulfilling the expectations of students and parents towards continual improvement in education and placement. Utmost care is taken to maintain all types of accreditations.”
- ◆ The contribution of IQAC can be listed in the following:
 - ◆ The IQAC conducts a host of awareness programs, training programs and orientation programs with a view to imbibe quality among all its stakeholders.

- ◆ Continuous feedback, Comprehensive Academic Audit, Feedback from alumni, industry, parents, students and teachers helps it to institutionalize quality culture.
- ◆ Strengthen the academic structure of the college by forming different committees/clubs/cells to address the needs of the students in curricula and co curricula aspects
- ◆ Document the activities and achievements of the departments/committees/club /cell from reports submitted to IQAC at the end of each year

B) How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?

All the decisions of the IQAC have been approved by the management and implemented. Following are the suggestions given by the IQAC

- ◆ Quality enhancement of academics by counseling, makeup classes, sports, tutorial hours
- ◆ Implementation of well-equipped research & development lab
- ◆ For significant developments and learner centric educational effort the department libraries are suggested
- ◆ For the departmental project reviews of the students, conferences/ seminars and meetings the institution is provided with conference hall
- ◆ Service rules for faculty and staff are to be framed
- ◆ Learner centric interaction is implemented to make the student to be proactive and dynamic.
- ◆ Offered MOOCs

C) Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

Yes, IQAC have external members in its committee. The names are mentioned below:

S. No.	Members	Details of the members
1	Alumni	Ch Mohan Sai Kumar(ECE)
		D. Ratna Kishore (CSE)
		B. Deepika (Mechanical)
2	Local Society	Mr. Krishna Prasanna Vytla, President Vivekananda Youth Organization, Vijayawada
3	Industrialists	Mr. D Tirumala Prasad, MD, Automobile Designs, Hyd
		Mr. M Narayana Prasad, Managing Director, Vijayawada Electrical Panels, Vijayawada
4	Employer	Anand Glenwood Systems, Chennai

The significant suggestions made are as follows:

- ◆ A brainstorming session was suggested to discuss the various innovative steps that could be taken in the teaching-learning process and the examination pattern in the autonomous system and the consequent benefits that could be achieved by adopting these steps.
- ◆ Faculty members are motivated to submit project proposal in his /her specialization and submit to funding agencies like DST, AICTE etc.

D) How do students and alumni contribute to the effective functioning of the IQAC?

- ◆ IQAC interacts with students and alumni. Suggestions from students and alumni through feedback are discussed in IQAC for necessary action.
- ◆ Alumni feedback on add on courses is also taken. This serves as motivation for conduct of more courses.
- ◆ They assist in identifying the skills required by the students to obtain specific positions in the companies.
- ◆ They regularly provide information to the faculty members through which the institution up-dates academic programs and value added programs most relevant to the current requirements.

E) How does the IQAC communicate and engage staff from different constituents of the institution?

- ◆ Internal Quality Assurance Cell is formed with Principal as a Chairman. The cell is composed of one professor as coordinator, one senior faculty from each department as members.
- ◆ The IQAC would regularly hold meetings with Head of Departments/Coordinators whenever any decision has to be taken to improve the processes.
- ◆ The representatives put together the suggestions from all the staff from their respective departments and discuss them in the IQAC's meeting.
- ◆ The resolutions made by the IQAC are then communicated to the management. The decisions approved are communicated to all the staff and students through circulars and e- mails.
- ◆ Takes initiative in organizing Seminars/Workshops related to effective implementation of any area of importance to the college.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If yes, give details on its operationalization.

- ◆ Yes, the institute has an integrated frame work for assuring the quality of academic and administrative activities.
- ◆ The academic and administrative activities are monitored regularly through internal and external ISO audits. In addition to that Fact Finding Committee of JNTU- K also helps in ensuring quality in academic and administrative activities.
- ◆ The institution has been certified by ISO as ISO 9001: 2008 institute and is now upgraded to ISO 9001: 2015.
- ◆ The various committees and cells work (teaching and non-teaching staff and students) to bring about qualitative work and improvement in the institution. The IQAC would remind from time to time the committees of their duties and responsibilities.

- ◆ IQAC is contributing to the institute in the following quality assurance strategies and process issues:
 - ▲ Identify the processes needed
 - ▲ Ensure availability of requisite information and resources
 - ▲ Measure, monitor and analyze
 - ▲ Ensure, achieve planned results and improvement.
 - ▲ Suggest modifications to academic planning & Curriculum
 - ▲ Pre and Post audit execution
 - ▲ Entering subject wise attendance through software.
 - ▲ Posting messages to the parents of the students for shortage of attendance/marks.
 - ▲ Displaying monthly attendance.
 - ▲ Asking students to submit medical certificates immediately after reporting to college if the absence is on medical grounds.
 - ▲ Organization of workshops, seminars on quality related themes.

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 conducts external and internal training on quality assurance procedures for their effective implementation.
- ◆ At the beginning of every new academic session the institution would hold Orientation Program for teaching staff, non-teaching and students.
- ◆ The training sessions help the staff to understand the importance of quality in all aspects of the institution
- ◆ The faculty members are trained on quality management system to attain ISO and to perform internal audits
- ◆ The training also inspires the staff to adhere to the institutional policies to achieve the desired outcome.

S. No.	Name of the Program	Venue	Date	Name of the Resource Person
1	Brain storming session on “NAAC Accreditation”	DIET	10.2.2017	Prof. Paul Clee, Hyd
2	One day workshop on excellence& growth through NBA& NAAC accreditations	DIET	21.1.2017	Prof. R. Mahadevan, Chennai
3	Brain storming session on “Outcome Based Education”	DIET	27.6.2016	Dr. Ravi Kadiyala, Principal, DIET
4	FDP on “Outcome Based Education”	DIET	6.6.2016 to 11.6.2016	Dr. A. Sarath Babu, NIT, Warangal

5	FDP on “Student Counseling”	DIET	9.12.2015	Dr. B. V. Pattabhiram, Prashanthi Counselling & HRD Centre, Hyderabad
6	Training program on quality management system	DIET	2013	Mr. K. V. HaraGopal, Vajra Consultants, Guntur
7	Performance Appraisal	DIET	15.11.2013	Dr. Ravi Kadiyala, Principal, DIET
8	Instructional Design & Delivery System	DIET	29.10.12 to 2.11.12	NITTTR, Chennai

- ❖ Reviewing the minutes of meetings of Class Monitoring Committees with regard to syllabus coverage, effectiveness of class room teaching and conduct of tutorials and laboratory work, etc.
- ❖ Reviewing the monthly syllabus coverage and arranging extra classes in the subjects where the syllabus coverage is low.

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 College conducts the academic audit of its departments in the following way:
- ❖ The ISO conducts internal audit yearly twice by internal auditors and conducts external audit yearly once. Both academic and administrative auditing is conducted.
- ❖ The Internal Quality Assurance committee is intended to plan and coordinate the execution of all the requisite procedures for the evaluation of the existing courses and to design the remedial measures, if any suggested by the FFC of JNTU- K.
- ❖ Following aspects of academics are included for audit:
 - Preparation of course files, laboratory manuals, lesson plans
 - Student’s monthly attendance
 - Progress of delivery of curriculum (weekly by HOD and monthly by Principal)
 - Review of mid-term marks (after every mid-term exam)
 - Review of Results (after announcement of results)
 - Organizing departmental activities, seminars and workshops
- ❖ Based on the outcome of the above audit/reviews, further course of action is decided on academic activities. For example, if result in a particular subject is low, necessary assistance is offered to the faculty concerned and remedial classes are organized for the students.
- ❖ The following are the outcomes of the operations undertaken:
 - Uniformity in the syllabus coverage in all the subjects.
 - Conduct of tutorials and remedial classes.
 - Conduct of required training / workshops on emerging technologies to make the students industry ready and improve employability.

- Conduct of Seminars / workshops/ Faculty Development Programs in core subjects/ latest areas and providing practical training to the technical staff on latest equipment and software tools to make them deliver effectively in laboratory.

6.5.5 How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/ regulatory authorities?

- ◆ The institution abides by the Quality guidelines and are aligned with the requirements of mandatory bodies like JNTU- K, AICTE and any circulars issued by APSCHE and also regulatory bodies like NAAC, NBA and ISO
- ◆ Compliance to these IQAC also plays a vital role in quality assurance mechanism in the institution.
- ◆ Competency in academic and administrative and human resources is maintained.
- ◆ Quality in delivery of lectures
- ◆ Facilitating faculty and supporting staff to update their knowledge and skills to match the industrial and technological development.
- ◆ Adoption and dissemination of best practices and development of quality culture in the institution.
- ◆ Development and application of quality bench marks for various academic and administrative activities of the institution.

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 follows its own process and procedure to continuously review the teaching and learning.
- ◆ The student's feedback committee every year administers the feedback questionnaire on students. Based on this teachers' programs are planned for further improvement. The principal along with the head of department checks on performance and attendance of students and any student with poor performance and attendance gets corrected by the principal.
- ◆ Teachers prepare lecture and notes so that students can pick up with the subject matter being taught.
- ◆ IQAC evaluates the teachers on their teaching and research performance based on their Self Appraisal Reports (SAR) submitted every year. The evaluation, based on SARs helps in ensuring academic accountability of teachers and monitoring of their major research projects and other academic activities.
- ◆ The Principal sends commendation letters to the teachers who have done reasonably well, so as to motivate them further.
- ◆ Enriching the curriculum with guest lectures, industrial visits and in-house training.
- ◆ In tune with the outcome based approach, the question papers for the internal tests are framed with a specific pattern which will enable the assessment of the attainment of enlisted Course Outcomes (COs) for each course.
- ◆ Remedial measures taken for slow learners and regular absentees.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

- ◆ The institute communicates its quality assurance policies through display in notice boards, publishing of brochures, newsletters and websites
- ◆ The IQAC disseminates through alumni meets and in annual day program for continuous improvement in all its activities leading to substantial enhancement in Quality Management Systems.
- ◆ At the end of the year an evaluation of each department activities is done. This makes departments to be committed in completing targets set for each one.
- ◆ Students are always eager to participate in activities conducted by departments. This brings about satisfactory achievement of each department and the institution.

CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1 ENVIRONMENT CONSCIOUSNESS

7.1.1 Does the Institute conduct a green audit of its campus and facilities?

The college is giving importance to eco-friendly environment and allocating funds in the annual budget for maintaining green campus. Since the inception importance is given for development of eco- friendly atmosphere in the campus by the management. The college has adopted various measures to maintain greeneries of the campus and observed that it creates a concerned attitude in one and all for maintenance of green campus. The green cover encompasses 20% of the campus area with various shady trees alongside with the lush green lawns. Hence, no separate official green audit is conducted.

	
Front view of the College Campus	South East view of the College
	
North East view of the College	Main Entrance

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

A number of initiatives are taken by the college to make the campus eco-friendly. Some of the outstanding initiatives taken by the institution are:

Energy Conservation

Steps are taken by the maintenance department to optimize power consumption within the campus and in hostels. The department implemented many eco- friendly practices in campus and few of them are:

- ◆ Staggering of classes has been done to reduce peak load
- ◆ Switches are provided outside of each class room/ lab to switch off power when not in use which leads to a substantial saving in power
- ◆ Energy efficient LCD monitors are being used in the campus to save power
- ◆ Replacement of failed copper chokes tube lights and CFL with LED lights for less consumption of electricity
- ◆ Class rooms and laboratories are well ventilated with natural lighting to reduce the power consumption
- ◆ Awareness among the students and staff on energy conservation is created by conducting seminars and workshops

Use of Renewable Energy

- ◆ Installation for 100KW roof top solar power plant has been approved as a source of alternative energy resource

Rain Water Harvesting

- ◆ Rainwater harvesting systems are viable options for both storing and recharging groundwater aquifers
- ◆ The entire building's roof tops are connected to cement concrete channels in a single pathway to collect rain water for recharge of the underground water
- ◆ Soak pits are available in the campus

RO Plant

- ◆ To provide pure drinking water in college campus and hostels a 1000LPH automatic RO Plant is established with in the campus. The RO plant works on the principle of desalination

Check dam construction

NA

Efforts for Carbon Neutrality

- ⤴ The college has a specific parking shed which assures a pollution-free environment.
- ⤴ Plantation of trees acts as a natural CO₂ sink and provides an effective screen in covering carbon inflow.
- ⤴ Students are motivated to use bi-cycles and mass transportation
- ⤴ Eco club is started in the campus to bring environment awareness among the students
- ⤴ Waste from plants and trees are being transformed as compost instead of burning
- ⤴ Restricted entry of automobiles inside the campus for pollution free environment

Plantation

- ✿ A contingent team of gardeners works for regular maintenance of all flora and fauna in the Institution
- ✿ Well laid lawns enhance the glow of lush green carpets reared in various corners of the institution. Water sprinklers across the lawns keep the greenery alive even during tropical times
- ✿ The eco club of the college, plantation of trees in and around the campus during special events like world environmental day, water day and earth day to make a greener and carbon neutralized campus
- ✿ Building and sidewalks inside the campus are well hedged with trees and lawns



Plantation of Herbs



Green Lawns with Tree Plantation

Hazardous Waste Management

- ◆ Hazardous Chemicals are kept separately away from the reach of students. Lab In-charge takes care of the chemicals and safety norms in the laboratory are strictly followed
- ◆ Students are made aware of the hazardous chemicals and safety aspects by conducting awareness programs during National safety week
- ◆ The labs are well ventilated and spacious. 24 hour water supply is available in Labs
- ◆ Fire extinguishers are also available in labs and every corner of the campus. Posters on safety are also displayed at important places in the campus

Waste Water Management

- To remove the contaminants from wastewater including household sewage and runoff (effluents), a 100 KLD **Sewage Treatment Plant** (FAB) is setup in the campus itself
- The objective is to restore the quality of the water from the effluents and to discharge safe fluids into water streams. The treated water is also used for maintaining green campus



e-Waste management

- Electronic goods are put to optimum use; obsolete yet workable computers, printers and other equipment are discarded by the institution
- The minor repairs are set right by the technical supporting staff and the major repairs by the professional technicians and are reused
- Computers, Printers and other equipment which cannot be used are sold to the vendors for recycling or buy back schemes

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.

A number of innovative steps have been adopted in the last four years in Academic and Administrative systems to make the College a Centre of Excellence. A new idea or technique is always appreciated, encouraged and implemented by the college.

Innovations in Administrative & Academic System:

Library Automation:

The central library is automated to provide the needs of students and staff. The web based library provides information networking solution to scientific research and development along with the academics through the software, New GenLib EE v3.1.2.

The library offers computerized catalogue search through Online Public Access Catalog (OPAC) service. The library has the provision for reading e- books, online courses and watching video lectures etc.,

Bio-Metric System:

Biometric system is introduced for Students and Staff to monitor the regularity & punctuality.

Gold Medals to Toppers:

The Management sponsors Gold and Silver Medals to the Toppers of all branches to encourage the competitive spirit among students.

Department	Gold Medalist Regd. No	Gold Medalist Name	% (up to 4-1)	Silver Medalist Regd. No	Silver Medalist Name	% (up to 4-1)
2013- 17						
Civil Engineering	138T1A0164	Priyatham Kumar Kambhampati	81.21	138T1A0143	Mohammad Tasleema	80.58
Electrical& Electronics Engineering	138T1A0209	NEVN Ravi Teja	78.94	138T1A0222	K Manasvi	77
Mechanical Engineering	138T1A0370	Saila Rakshana Anand	81.21	138T1A0305	Koya Amareshu	80.55
Electronics& Communication Engineering	138T1A0427	Chennupalli Jayasree	84.54	138T1A0482	Kaveti Siri Chandana	81.86
Computer Science&Engineering	138T1A0535	Pinninti Kavya Jyothi	84.05	138T1A05A0	Challa Urmila	83.44
2012-16						
Civil Engineering	128T1A0121	Chekka Monika Sannihita	84.09	128T1A0137	Kaja Rasagnya	83.44
Electrical& Electronics Engineering	128T1A0213	K Indira	81.2	128T1A0210	B Dhanya Sri	78.06
Mechanical Engineering	128T1A0359	Peddireddy Yesu Babu	84.16	128T1A0333	Sai Krishna Kancharla	78.84
Electronics& Communication Engineering	128T1A0464	Dhulipalla Rohitha	90.4	128T1A0468	Chirumamil la Sai Durga	85.65

Computer Science&Engineering	128T1A05A7	Singamsetty Veera Anitha Priya	83.57	128T1A0528	Puttagunta Ishwarya	80.04
2011-15						
Civil Engineering	128T5A0103	Pitchala Govinda Reddy	85.38	118T1A0121	Mudipudi Manoj	83.39
Electrical& Electronics Engineering	118T1A0244	Kotagiri Sanjana	82.05	118T1A0251	Musunuru Sri Pradeep Chowdary	78.5
Mechanical Engineering	118T1A0312	Sure Chaitanya Vardhan Reddy	79.46	118T1A0349	Chalasani Varun	78.59
Electronics& Communication Engineering	118T1A0463	Yechuri Ramya Deepika	81.17	118T1A04B8	Medasani Vijaya Sai	81.05
Computer Science Engineering	118T1A0544	Sk Muneera Begum	82.92	118T1A0509	Jonnalagadda Chandrika Meghana	80.87

Students Clubs

✿ Eco Friendly Club

Eco Friendly Club was born with an idea of helping local people to protect environment with their right attitude. This club is a culmination of student's passion towards environmental hazards.

✿ Idea Club

The IDEA Club is a place where students get a chance to exhibit their innovative and creative ideas. The main motto is to bring awareness about the advantage of reading books, to motivate students to be energetic and to sharpen their creative talents. Under this IDEA Club many activities are organized frequently to test their creative thinking. This kind of exposure widens their knowledge, vocabulary and analytical ability.

✿ Student Library Forum:

The Student Library Advisory Committee was created to give students an active voice in library-related issues on campus. The Student Library Advisory Committee is a two-way forum for information exchange between students and the library. Meetings will be scheduled twice per semester. Additional meetings may be scheduled as needed. The Student Library Advisory Committee serves as a conduit for the transmission of student needs and concerns to the administration and staff of the library.

Entrepreneurship Development Cell (EDC)

Entrepreneurship Development Cell, functioning in the college aims to develop students across various socio economic backgrounds and to empower them with the skill sets for becoming an entrepreneur and also provide real life exposure in running such ventures. Towards this aim, the cell organizes several events on intricacies of Entrepreneurship and Business Strategies.

The Institute has MOU with global business incubator (GBI), India for service offerings like technology transfer, capital investment, incubation, consultancy and marketing. They have conducted many entrepreneurship awareness lectures and programs like startup Veda. Through this program they have selected three ideas and provided incubation. Two of those ideas have been launched successfully in December, 2016 by Mr. S. Khader Rehman, Commissioner of customs, AP.

The Institute has MOU with Confederation of Indian Industry-Young Indians (CII- Yi), Vijayawada Chapter for providing platform for young Indians to participate in and contribute by becoming an integral part of the Indian growth. The three main objectives are "Youth Leadership", "Nation Building" and "Thought Leadership". Some of the student centric programs like Touching Borders Touching Lives and Empowering Youth for Sustainable Development are conducted.

	
Startup Veda-Inaugural function	Startup Veda-Exit Meet
	
Startup Dhanekula-Inaugural function	Startup Dhanekula-Exit Meet

	
Lecture by Mr S Khader Rehman	Prize Distribution for the Winners



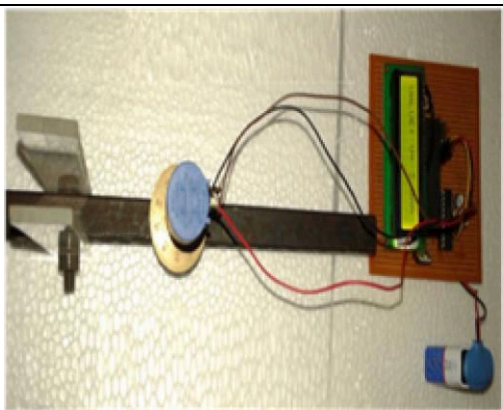
Subscription of e- Journals

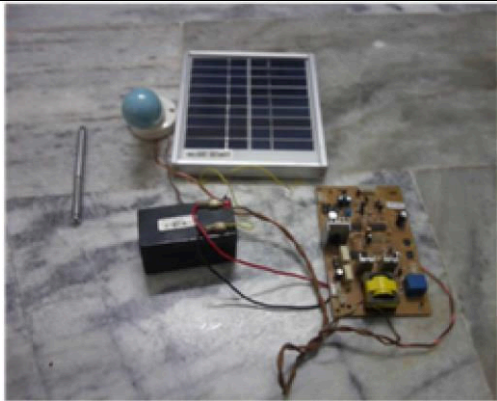


The Institute subscribes for the electronic journals/ magazines from IEEE, ASCE, SPRINGER-MECHANICAL& J- GATE every year. The resources are being used by staff for research work and by students for their project works.


Professional Body	No. of Journals
2016-17	
IEEE	169
Springer Mechanical	49
J-Gate	6128
ASCE	35
2015-16	
IEEE	169
Springer Mechanical	49
J-Gate	2500
2014-15	
IEEE	149
Springer Mechanical	49
J-Gate	2350

Experiential Learning

Innovative projects are designed and executed by the students for implementing the conservation strategies in day to day life.

Title of the Project	Description	Photo of the Model
Electrical& Electronics Engineering		
Simple Electric Heater	Automatically turn on & off by using thermostat. Operates without manual intervention.	
Solar Zenith Angle Tracker	Automatically rotates according to the direction of sun and more efficient than normal solar panel. By using gravity control.	
Electronics & Communication Engineering		
Digital Rail Foot Corrosion Measuring Device	A device was developed to measure the in situ depth of corrosion at rail foot without removing the rail/lifting the rail with an accuracy up to 1/100 th of a millimeter. Hence a device has been developed electro-mechanically for the ease of checking.	

Power Production by Laser Integrated Photonics	A separate panel is designed with the similar characteristics of the solar panel, such that it can more suitable for LASER light source, in which the motion of the electrons is always in the straight path only. So, there is no generation of heat in the conductors as a result there is no need of any heat dissipation devices	
Civil Engineering		
Rain Water Harvesting System	As the water crisis continues to become severe, there is a dire need of reform in water management system and revival of traditional systems. Scientific and technological studies suggested rain water harvesting system to assess revival to traditional system.	
<u>A Review on Stabilized Properties of Expansive Soil with Corncob Ash</u>	To study the Index and Engineering Properties of selected soil. To understand the problems due to soil behavior. To review the modern stabilization techniques. To study the interaction of additive material and soil.	

Mechanical Engineering		
Design and Fabrication of Hydraulic Press for Extrusion and Deep Drawing Processes	The principle parameters of the design include maximum load (5 tonnes) provided by two compressing springs of constant 9N/mm arranged in parallel. New fast acting valves, electrical components, and more efficient hydraulic circuits have enhanced the performance capability.	
Computer Science & Engineering		
Cynical E-Mail Perception	The cynical E- mail perception is the specialised mailing system that recognizes the E- mail threats by looking out the key words like drugs, guns, bimbbs and code which is unknown to accustomed user.	
Background Verification for Service Management	The purpose of the program is to isolate the problems of fake certificates and employment details furnished by the candidate. It ensures that the above tasks can be easily performed by developing web applications for the organizations and the immigration departments, integrating them to generate candidates previous employment details.	

Skill Development Programs:

Skill development programs are being organized for students right from the first semester. Knowledge on problem solving skills and algorithm techniques is provided to prepare the students to face various competitive examinations and employability.

The Department of CSE has MOU with TekCrux Pvt Ltd Hyderabad for up gradation of technology in the field of Mobile Application Development to fill the industrial gap and to share the knowledge, strengths and potentials of both sides.

The Mechanical Engineering department has MOU with Central Institute of Plastics Engineering and Technology (CIPET) to impart training to staff and students and to enhance the technical knowledge as well as to provide facility to internship during summer vacation to get Hands- on-experience.

The Institute also organizes different skill development programs like Andhra Pradesh State Skill Development Council (APSSDC), Andhra Pradesh Information Technology Academy (APITA, previously JKC). Various training programs like algorithm techniques, VLSI designing, IBM- Cloud computing, Business analytics etc.,

Intel Intelligent Systems Lab

The institution has established INTEL INTELLIGENT SYSTEMS LAB within the campus to strengthen R&D of ECE department with “Founder for Innovation and collaborative Education (FICE)” and also developed their existing lab to setup “Texas Instruments Lab” with “M/s EdGate Technologies Pvt Ltd”. The ECE department also tied up with PSK Research Foundation on mutual cooperation for setting up and running industrial oriented programs on

VLSI Design. The ECE department of the institution always take initiative steps through BSNL of Vijayawada to impart on campus training for electronics and computer students in the field of “latest telecom and networking technologies” to improve student’s skill and to fill the gap between the industry and academics by exposing the practical knowledge to students with live equipment of telecom and networking field.

7.3 BEST PRACTICES

7.3.1 Elaborate on any two best practices which have contributed to the achievement of the Institutional objectives and/ or contributed to the quality improvement of the core activities of the college.

Best Practice: I

Title of the practice: Enabling Team work and leadership through Department Association Activities

Goal:

To upgrade the professional skills that enable students to face the challenges of modern world. To provide an opportunity for students to enhance their educational experience and encourage to participate in group activities that allow them to develop personal and professional relationships, learn leadership and organizational skills, and serve the community and also establish consistent innovative strategies that communicate the value of being involved.

The Context:

The college has been working with the aim of making it a Centre of excellence. Students from different levels & backgrounds need training to improve their technical as well as employability skills. Considering these requirements, college is providing excellent facilities for the students to improve their skills and to achieve their career goals. Student Activities create and share a passion for growth by immersing students in various experiences. The student’s association activities implement and encourage new programs to connect with different groups of the student body.

The Practice:

To realize the student’s aspirations to face different challenges of the present scenario, our college has offered English and Aptitude classes for all UG students. Online placement tests are periodically conducted to enhance aptitude, mental ability and reasoning of the students to improve their employability. The placement cell conducts group discussion and mock interviews to train them well for placements. The association activities create a culture of high expectations for academic success and well-being to better integrate student learning and student involvement. The departments conduct frequent workshops and seminars on Robotics, techniques of MAT lab, PCB design, E-Practo, working of turbo generator etc., to meet the emerging trends & opportunities in engineering. And is followed by weekly events like Technical quiz, JAM, Idea hunt, Coding club, Debate etc.,



Students attending Workshop



Prize distribution for the winners in Workshop



Students Participating in Technical Quiz



Students Attended for Webinar on Career Guidance & Employment Opportunities In Software Industry

	
Theme Ballet	Group Discussion
	
Guest Lecture on “Types of substations in grid and its elements”	Power Point Presentation

Department	Name of the Association	Activities Conducted	No. of Participants			
			2016-17	2015-16	2014-15	2013-14
Civil Engineering	Association of Royal Civil	JAM	-	-	20	-
		Seminar	120	20	-	
		Debate	20	20	20	40
		Technical quiz	20	20	20	20

		Technical writing	-	20	-	20
		Group discussion	20	20	20	-
		Theme Ballet	20	20	-	-
		Paper presentation	20	20	20	-
Electrical& Electronics Engineering	EEE SPARK	Paper Presentation	176	169	118	183
		Theme Ballet	175	166	-	-
		Debate	175	-	-	125
		Informative hub for students/ puzzle solving	69	165	178	124
		Quiz	175	166	181	184
		Group discussion	179	169	180	
		Career counseling for guidance	43	69	41	51
		Global working skills/ Mock interview	93	166	55	55
Mechanical Engineering	Vibrant Mechanical	JAM	40	-	25	20
		Technical Quiz	31	35	47	32
		Seminar/ Guest Lecture	224	115	185	135
		Innovative Ideas	40	38	25	10
		Talent Show	25	20	-	-
		Group Discussion	40	40	30	12
		Mock Interviews	25	-	-	-
		Technical Writing	33	35	18	35
		Debate	-	23	25	13
		Technical Quiz	40	32	24	30

Electronics & Communication Engineering	Dhanekula's Electronics and Communication Students Association- DECSA	Technical Updates Awareness	21	20	178	15
		Seminar/ Guest lecture/ Workshop	336	439	151	255
		JAM	53	45	27	27
		Group Discussion	40	-	24	-
		Vocabulary building	33	-	18	-
		Mock Interview	25	-	-	-
		Puzzle Solving	35	14	26	-
Computer Science & Engineering	CSE CYBORGS	Technical Quiz	20	25	30	45
		Seminar/ Guest Lecture/ Workshop	600	600	720	480
		Paper Presentation	25	15	-	23
		Group Discussion	30	-	-	10
		Debate	75	-	-	32
		Coding club	54	17	20	25
		Innovative Ideas	-	20	13	15

Evidence of Success

The students are able to recognize and achieve their talents by enjoying genuine success and growth in self-confidence by participating in the different activities. Few of the activities and student participation is summarized below:

List of Awardees in various Inter Institute Technical Events

S. No .	Date of Event	Event Description	Event Venue	Title	Event Level (Unit / State / National)	Type Of Event (Individual/Team)	Student Details		Awards
							Student Name	Year	
Association of Royal Civil									
1	7-3-17 8-3-17	Project Expo	Shri Vishnu Engineering College for Women	12 th National Symposium for Women	National	Individual	P.Shalini	2016-17	I
2	7-3-17 8-3-17	Project Expo	Shri Vishnu Engineering College for Women	12 th National Symposium for Women	National	Individual	N.Prasuna	2016-17	I
3	7-3-17 8-3-17	Project Expo	Shri Vishnu Engineering College for Women	12 th National Symposium for Women	National	Individual	V.Rupa Sree	2016-17	I
4	7-3-17 8-3-17	Project Expo	Shri Vishnu Engineering College for Women	12 th National Symposium for Women	National	Individual	L.Vijaya Durga	2016-17	I
5	7-3-17 8-3-17	Auto CAD	Shri Vishnu Engineering College for Women	12 th National Symposium for Women	National	Individual	V.Rupa Sree	2016-17	I
6	25-1-17	Paper Presentation	Usha Rama College of Engineering & Technology	Your Fest	National	Individual	P.Sri Lakshmi	2016-17	I I

7	25-1-17	Paper Presentation	Usha Rama College of Engineering & Technology	Your Fest	National	Individual	Y. Raja Shree	2016-17	II
8	9-2-17	Poster Presentation	VR Siddhartha Engineering College	SITAR-217	National	Individual	V. Ragha vendra	2016-17	I
9	9-2-17	Poster Presentation	VR Siddhartha Engineering College	SITAR-217	National	Individual	V. Teja Naga Sai	2016-17	I
10	9-2-17	CADD	VR Siddhartha Engineering College	SITAR-217	National	Individual	V. Teja Naga Sai	2016-17	III
11	5/2/2016 6/2/2016	Poster Presentation	VR Siddhartha Engineering College	AFOSEC-15	National	Team	SK. Mouni sha	2015-16	I
12	18-03-15 19-03-15	Paper Presentation	Sri Sarathi college	Sarathi Fest 2k15	National	Individual	B.V.K iran Kumar	2014-15	II
13	12-02-15 13-02-15	Technical Poster Presentation	Chalapathi Institute of Engg&Technology	NOVUM	Unit	Individual	B.V.K iran Kumar	2014-15	I
EEE SPARK									
1	18-02-17 19-02-17	Quiz	NRI Institute of technology	SUNRISE 2K17	National	Individual	R.Am arnadh	2016-17	IV

2	18-02-17 19-02-17	Circuit Bugging	NRI Institute of technology	SUNRISE 2K17	National	Individual	D.Nagathirumal	2016-17	I
3	18-02-17 19-02-17	Quiz	NRI Institute of technology	SUNRISE 2K17	National	Individual	D.Nagathirumal	2016-17	I V
4	02-02-17 03-02-17	Quiz	VR Siddhartha Engineering College	AFOSEC-2K17	National	Individual	Ch.Dana Rao	2016-17	II
5	24-09-16	Robotic Monitoring	ALIET Vijayawada	EPISTEMI CON2k16	National	Team	Sk.Khaja Mohiddin	2016-17	I
6	24-09-16	Robotic Monitoring	ALIET Vijayawada	EPISTEMI CON2k16	National	Team	A.Kumar Sai	2016-17	I
7	18-03-16 19-03-16	Project Expo	Sree Sarathi College	SARATHI FEST 2K16	National	Individual	Sk.Khaja Mohiddin	2015-16	II
8	11-03-16 12-03-16	Theme Ballet	SRK Institute of Engineering & Technology	EXPLORE RS MEET-2K16	Unit	Individual	G.Manasa	2015-16	II
9	18-03-15 19-03-15	Paper Presentation	Sree Sarathi College	SARATHI FEST 2K15	National	Individual	B.V.Kiran Kumar	2015-16	II

10	12-02-15 13-02-15	Technical Poster Presentation	Chalapathi Institute of Engg&Technology	NOVUM	Unit	Individual	B.V.Kiran Kumar	2015-16	I
VIBRANT MECHANICAL									
1	2-02-2017	2D Drafting	VRSEC, Vijayawada	AFOSEC	National	Individual	V.Varun Sai	2016-17	I
2	2-02-2017	Concept building	VRSEC, Vijayawada	AFOSEC	National	Individual	S.Srujana	2016-17	II
3	19-02-16&20-02-16	Paper Presentation	Usha Rama College of Engineering	YoUR Fest 2K16	National	Individual	Amareshu Koya	2015-16	II
4	27-01-15& 28-01-15	Robotics	IIT, Kanpur	TECHNOSIA 2015	National	Individual	Ch.Venkata Teja	2014-15	II
5	8-11-13	Project Expo	VNIT&S, Guntur	ECLAT-2K13	National	Individual	Abdul Rehaman	2013-14	I
6	8-11-13	Project Expo	VNIT&S, Guntur	ECLAT-2K13	National	Individual	D.N.Kishore Babu	2013-14	I
7	8-11-13	Project Expo	VNIT&S, Guntur	ECLAT-2K13	National	Individual	J.Swamy Venkatesh	2013-14	I
8	16-03-12	Paper Presentation	Usha Rama College of Engineering, Telaprolu	YoUR Fest 2k12	National	Individual	Noor Mohammed Zaheer	2011-12	I

9	16-03-12	Paper Presentation	Usha Rama College of Engineering, Telaprolu	YoUR fest 2k12	National	Individual	P.Kishore Babu	2011-12	I
10	16-03-12	Paper Presentation	Usha Rama College of Engineering, Telaprolu	YoUR fest 2k12	National	Individual	Md.Siddik	2011-12	I
11	16-03-12	Paper Presentation	Usha Rama College of Engineering, Telaprolu	YoUR fest 2k12	National	Individual	Abdul Rehaman	2011-12	I
Dhanekula's Electronics and Communication Students Association- DECSA									
1	2-02-2017 & 3-02-2017	Dare Zone	VR Siddhartha Engineering College	Afosec-2k17	National	Individual	K Bhanu Satya Sai	2016-17	I
2	5-02-16 & 6-02-16	Code crafters	VR Siddhartha Engineering College	Smart infrest-2016	National	Individual	V sriram	2015-16	II I
3	16-03-2015	Poster Presentation	SVIET	Sapience 2k15	National	Individual	G.N.V .S.S.Naveen	2014-15	I
4	6-7-12 & 7-7-12	coding & decoding	PVPSIT	Technovate 2k12	National	Team	Y. Adithya	2012-13	II I
5	6-7-12 & 7-7-12	coding & decoding	PVPSIT	Technovate 2k12	National	Team	N. Mahesh Babu	2012-13	II I
6	6-7-12 & 7-7-12	coding & decoding	PVPSIT	Technovate 2k12	National	Team	Bhara dwaj .V.N.S	2012-13	II I

7	6-7-12& 7-7-12	technical quiz	PVPSIT	Technovate 2k12	National	Team	M. Sahithi	2012-13	II
8	6-7-12& 7-7-12	technical quiz	PVPSIT	Technovate 2k12	National	Team	V. Veena Madhuri	2012-13	II
9	6-7-12& 7-7-12	technical quiz	PVPSIT	Technovate 2k12	National	Team	T. Mounika Sai	2012-13	II
10	6-7-12& 7-7-12	Paper Presentation	PVPSIT	Technovate 2k12	National	Team	S. Mounika	2012-13	II
11	6-7-12& 7-7-12	Paper Presentation	PVPSIT	Technovate 2k12	National	Team	P. Vineela	2012-13	II
12	17-09-12& 18-09-12	Technical paper	KLU	Rapidus '12	National	Team	E. Mounika	2012-13	I
13	17-09-12& 18-09-12	Technical paper	KLU	Rapidus '12	National	Team	M. Shanthi Priya	2012-13	I
CSE CYBORGS									
1	02-02-17 03-02-17	Blind C	VR Siddhartha Engineering College	AFOSEC-2K17	National	Individual	Shaik Jafar	2016-17	II
2	02-02-17 03-02-17	Crazy Hunt	VR Siddhartha Engineering College	AFOSEC-2K17	National	Individual	K.Eswar Sessa Sai	2016-17	I

3	02-02-17 03-02-17	Paper Presentation	VR Siddhartha Engineering College	AFOSEC-2K17	National	Individual	B.Vishnu Priya	2016-17	I
4	02-02-17 03-02-17	Cruise	VR Siddhartha Engineering College	AFOSEC-2K17	National	Individual	G.Sai Tarun	2016-17	II
5	02-02-17 03-02-17	Cruise	VR Siddhartha Engineering College	AFOSEC-2K17	National	Individual	K.Muralidhar	2016-17	II
6	02-02-17 03-02-17	Technical Quiz	VR Siddhartha Engineering College	AFOSEC-2K17	National	Individual	L.Vamsi Krishna Vardhan	2016-17	I
7	02-02-17 03-02-17	Puzzle With Coding	VR Siddhartha Engineering College	AFOSEC-2K17	National	Individual	Shaik Jafar	2016-17	II I
8	18-02-17 19-02-17	Web Development	NRI Institute of Technology	SUNRISE-2K17	National	Individual	K.Vinay Kumar	2016-17	II I
9	18-02-17 19-02-17	Technical Quiz	NRI Institute of Technology	SUNRISE-2K17	National	Individual	K.Vinay Kumar	2016-17	II I
10	18-02-17	Web Development	NRI Institute of Technology	SUNRISE-2K17	National	Individual	G.Sai Tarun	2016-17	I

	19-02-17								
11	18-02-17 19-02-17	Hopspot(Spot)	NRI institute of technology	SUNRISE-2K17	National	Individual	G.Sai Tarun	2016-17	II I
12	18-02-17 19-02-17	Coding Contest	NRI institute of technology	SUNRISE-2K17	National	Individual	S.Vijay	2016-17	II I
13	18-02-17 19-02-17	Web Development	NRI institute of technology	SUNRISE-2K17	National	Individual	S.Vijay	2016-17	I
14	18-02-17 19-02-17	Coding Contest	NRI institute of technology	SUNRISE-2K17	National	Individual	S.Yeman Hussain	2016-17	II I
15	18-02-17 19-02-17	Coding Contest	NRI institute of technology	SUNRISE-2K17	National	Individual	Shaik Jafar	2016-17	II
16	18-02-17 19-02-17	Web Development	NRI institute of technology	SUNRISE-2K17	National	Individual	T.T.Venkata Rayudu	2016-17	II I
17	18-02-17 19-02-17	Technical Quiz	NRI institute of technology	SUNRISE-2K17	National	Individual	T.T.Venkata Rayudu	2016-17	II I

18	12-2-2017 14-2-2017	Debug It	Gudlavalleru College of Engineering	GECFEST-17	National	Individual	S.Vijaya	2016-17	II
19	11-03-16 12-03-16	Poster Presentation	SRK institute of technology	Explorers meet-2K16	National	Individual	B.Anusha	2015-16	I
20	25-02-2016	Poster presentation	PVP Sidhartha Institute of Technology	PVPSIT Fest	National	Individual	Ch.Bavana	2015-16	I
21	25-02-2016	Paper presentation	PVP Sidhartha Institute of Technology	PVPSIT Fest	National	Individual	Ch.Bavana	2015-16	II

Problems Encountered and Resources Required: As majority of the students are from the rural areas there is a need for enhancing the interpersonal skills among them. The college believes that by improving the employability among the students from rural back grounds we can bring drastic change in the socio-economic conditions of their respective families. Personality Development Programs and motivational lectures are organized to build confidence in these students

Best Practice: II

Title of the practice: Dhanekula's Samskruthi- An Art, Literary and Cultural Society.

Goal:

To provide a platform for students to go beyond their academic quest and explore their creative and artistic sensibilities. To assist the students to develop communication skills, organizational skills, leadership skills and Self-confidence.

The Context:

The art, literary and cultural program caters for students' diverse abilities and offers them a chance to form life-long interests outside the academic field. A festival of knowledge and culture links together different knowledge networks and reinforces the significance of Innovation, Interaction, Information, Communication and Technology through the group discussion, extempore, debate, walking dictionary, drawing, painting and exhilarating cultural events. It serves as a meeting place for creative minds to discuss their ideas and allow for testing of their ideas in the face of intense competition.

The Practice:

Dhanekula's Samskruthi plays a pivotal role in shaping a sense of social and cultural identity. Our College has a proud tradition of excellence in all aspects of Art, literature and culture. English speaking classes and training program in music, dance and yoga are conducted thrice in a week (for 6 weeks) from 4:30 to 5:30pm in every semester All students are encouraged to participate in art, literary and cultural competitions once in a week for two hours which provide opportunities to bestow their excellence. The students are able to recognize their talents and enjoy success and growth by participating in the different activities of the following forums.

YOUTH FORUM

Objective: The forum aims to foster a love for language, enhance literary creativity and provide an avenue for articulacy beyond the curriculum.

Activity:

- The forum has initiated training programs like spoken English classes and personality development sessions.
- It conducts competitions in group discussion, extempore, essay writing, debate, elocution, quiz, poetry recitation and writing to enhance the literary skills.

FUNGAMA

Objective: The forum aims to promote the rich diversity and uniqueness of various arts and enrich consciousness to the students about their cultural heritage.

Activity:

- The forum has initiated training programs like dance and music classes
- It conducts competitions in dance, singing, mime, mono action, mimicry, skit, painting, collage, photography etc. to promote their art and cultural skills.

HEALTH FORUM

Objective: To create awareness about health and promote healthy life style.

Activity:

- The forum conducts health awareness seminars and health consultancy in the campus for healthy environment.
- It provides training classes in yoga



Mono Action



Classical Dance

	
<p>Skit-“Save Girl Child-Save Humanity”</p>	<p>Rangoli Competition</p>
	
<p>Debate</p>	<p>Poster & Project Presentation</p>
	
<p>Drawing</p>	<p>Story Writing</p>

Events Conducted	No. of Participants			
	2016-17	2015-16	2014-15	2013-14
Debate	55	-	70	40
JAM	21	23	20	-
Elocution	20	31	74	26
Quiz	58	34	30	40
Story Writing	232	108	58	18
Role Play	29		16	-
Singing	67	59	78	23
Dancing	27	27	64	53
Open Talent show/ Creative Art	53	23	46	40
Folk singing	13	10	-	
Rangoli	80groups(4)	64	52	60
Kite Flying	75	86	-	
Kite Making	10	-	-	
Painting/ Drawing	31	20	49	23

Evidence of Success:

Students participate in art, literary and cultural programs conducted at National level and bestow their excellence and the students, are able to enjoy genuine success. Following are the awards received by the students in National and State level competitions:

S. No.	Date of Event	Event Description	Event Venue	Title	Event Level (Unit / State / National)	Type of Event (Individual/T	Student Details		Awards
							Student Name	Year	
1	17-10-16 & 18-10-16	Group Dance	Loyola college	Bhavana 2k16	National	team	M.Mrunal Sai & Group	2016-17	II

2	2-02-17&3-02-17	General quiz	VRSEC	AFOSEC-2K17	National	Individual	PVSS Harinath Rahul	2016-17	III
3	2-02-17&3-02-17	GAB FAB	VRSEC	AFOSEC-2K17	National	Individual	PVSS Harinath Rahul	2016-17	I
4	2-02-17&3-02-17	Dare Zone	VRSEC	AFOSEC-2K17	National	Team	M.Kranti Kumar Reddy	2016-17	I
5	2-02-17&3-02-17	Dare Zone	VRSEC	AFOSEC-2K17	National	Team	B.Jeevan Choudary	2016-17	I
6	2-02-17&3-02-17	Dare Zone	VRSEC	AFOSEC-2K17	National	Team	K Bhanu Satya Sai	2016-17	I
7	2-02-17&3-02-17	Brain Twister	VRSEC	AFOSEC-2K17	National	Team	P.Sandeep	2016-17	I
8	2-02-17&3-02-17	Brain Twister	VRSEC	AFOSEC-2K17	National	Team	Raj Kamal D.S.P	2016-17	I
9	2-02-17&3-02-17	General Quiz	VRSEC	AFOSEC-2K17	National	Team	S.Aswinidutt	2016-17	III
10	12-01-16	Smart Idea For Society	Vivekananda Youth association Vijayawada	NIVEDA 2K16	National	Individual	K.V.Bhaskar	2015-16	I
11	5-2-16&6-2-16	Dramatis-personae	VRSEC	AFOSEC-2K 16	National	Individual	K.V.Bhaskar	2015-16	I

12	11-3-16&12-3-16	General Quiz	Bapatla Engg college	BECTAG ON-2K16	National	Team	S.Aswin iDutt	2015-16	I
13	10/10/14	Instrumental Music	LingyaIn stitue of Managem ent and Technolog y	Techno-Cultural Fest-15	National	Individual	G.Sande ep	2014-15	II
14	10/10/14	Singing	LingyaIn stitue of Managem ent and Technolog y	Techno-Cultural Fest-15	National	Individual	K V.Bhask ar	2014-15	II
15	12/12/14	Instrumental Music (Mrudangam)	Ghantasal aVenkates waraGovt. Musical and Dancing School	Cultural Competitions	State	Individual	G.Sande ep	2014-15	I
16	12/12/14	Singing (Folk Song)	Ghantasal aVenkates waraGovt. Musical and Dancing School	Cultural Competitions	State	Individual	K.V.Bha skar	2014-15	II
17	30-01-14&1-2-14	Floor crossing	Gudalavel u Engg college	GEC FEST - 2k14	National	Individual	K V.Bhask ar	2013-14	III

Problems Encountered and Resources Required:

Major problem is less time for the planning and execution of the event which also makes the task of gathering resources even harder. It's important to have planned events schedule which should be strictly followed.

DEPARTMENT EVALUATION REPORTS

Evaluation Report of Department of Civil Engineering

- 1) Name of the Department : Civil Engineering
- 2) Year of Establishment : 2010
- 3) Names of Programmes/Courses offered: B. Tech in Civil Engineering
- 4) Names of Inter disciplinary courses and the departments /units involved:

S. No	Year& Semester	Subject	Department Involved
1	II-I	Probability & Statistics	BS&H
2	II-I	Electrical & Electronics Engineering	EEE
3	III-I	Managerial Economics and Financial Analysis	BS&H

- 5) Annual/Semester/choice based credit system (Program wise):
B.Tech-Civil Engineering Semester based Credit Systems and Electives in Higher Semesters

- 6) Participation of the department in the courses offered by the other departments:

Department	Year-Semester	Course
Computer Science & Engineering	I Year II Semester	Engineering Mechanics
Electrical & Electronics Engineering	I Year II Semester	Engineering Drawing

- 7) Courses in collaboration with other universities, industries, foreign institutions, etc: NIL

- 8) Details of courses /programs discontinued (if any) with reasons: NIL

- 9) Number of Teaching posts:

Designation	Sanctioned	Filled
Professors	01	01
Associate Professors	01	01
Assistant Professors	21	21

10) Faculty profile with name, qualification, designation, specialization /Ph.D. /M. Tech etc.):

S. No	Name	Qualification	Designation	Specialization	No. of Years of Experience (Industry)	No. of Ph.D. Students Guided for the last 4 years
1	Dr.P Siva Prasad	Ph. D	Professor	Offshore Structural Engineering	22.5	NIL
2	M NagaRaju	M. Tech	Assoc. Professor	Machine Design	22	NIL
3	Ch SriVarma	M. Tech	Asst. Prof	Structural Engineering	6.5	NIL
4	V Sanjay Gokul	M. Tech	Asst. Prof	Structural Engineering	3.8	NIL
5	T Rajini Devi	M. Tech (PhD)	Asst. Prof	Structural Engineering	2.3	NIL
6	T Kishore Kumar	M.E, (PhD)	Asst. Prof	Soil Mechanics & Foundation Engineering	4.6	NIL
7	D Rakesh	M. Tech	Asst. Prof	Structural Engineering	4	NIL
8	G Amar	M.E	Asst. Prof	Structural Engineering	2.6	NIL
9	V Surya Teja	M. Tech	Asst. Prof	Geotechnical Engineering	2	NIL
10	K P Manjusha	M. Tech	Asst. Prof	Structural Engineering	2.3	NIL
11	V Swathi Padmaja	M. E	Asst. Prof	Structural Engineering	2.6	NIL
12	B Swathi	M. Tech (PhD)	Asst. Prof	Structural Engineering	2.3	NIL
13	K Brahmani	M. Tech	Asst. Prof	Structural Engineering	1.10	NIL
14	K Vamsi Krishna	M. Tech	Asst. Prof	Structural Engineering	1.8	NIL
15	V Rajesh	M. Tech	Asst. Prof	Structural Engineering	2	NIL
16	B VijayaLalitha	M. Tech	Asst. Prof	Environmental Engineering& Management	1.10	NIL
17	V Nagaraja	M. Tech	Asst. Prof	Structural Engineering	6.3	NIL
18	K Pardha Saradhi	M. Tech	Asst. Prof	Structural Engineering	0.8	NIL
19	K Srimukha	M. Tech	Asst. Prof	Structural Engineering &	0.6	NIL

				Natural Disaster Management		
20	M Vineela	M. Tech	Asst. Prof	Structural Engineering & Natural Disaster Management	1.2	NIL
21	N Swetha	M. Tech	Asst. Prof	Structural Engineering	0	NIL
22	Ch Hema Sindhusha	M. Tech	Asst. Prof	Structural Engineering	0.6	NIL
23	N Jagadeesh	M. Tech	Asst. Prof	Construction Technology Management	0	NIL

11) List of senior visiting faculty: NIL

12) Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty: NIL

13) Student-Teacher Ratio (program wise):
UG: B.Tech – 15:1

14) Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Staff	Sanctioned	Filled
Academic Support Staff (Technical)	04	04
Administrative Staff	02	02

15) Qualifications of teaching faculty with DSC/ D. Lit/ Ph. D / M Tech

No. of Faculty with PhD	No. of Faculty with PG (M. Tech)
01	22

16) Number of faculty with ongoing projects from funding agencies and grants received:

a. National: NIL

b. International: NIL

17) Departmental projects funded by DST-FIST; UGC, DBT, I CSSR, etc. & total grants received: NIL

18) Research Centre/facility recognized by the University: NIL

19) Publications: a) Publication per faculty (last 5 years): 0.73875

Year	No. of Faculty	No. of Publications	Ratio
2012-13	10	4	0.4
2013-14	11	0	0
2014-15	18	31	1.722
2015-16	18	15	0.8333
2016-17	23	--	--

20) Areas of consultancy and income generated:

Structural Design & Drawings Verification & Validation: 2014					
S. No	Project Name	Designed by	Funding Agency/ Client Name	Purpose	Amount
1	Solar Module Mounting Hot Dip Galvanized Structures	Hitech Pipes Limited	Aatash Power Pvt Ltd., Ahmedabad	For Solar Project in Gujarat	10,000/-

21) Faculty as member's in

Committee	Professional Society	No. of Members
National	ISTE, ISSE, IAEME, MIGS	6
International	IAENG	1

22) Student Projects:

Percentage of students who have done in-house projects including inter departmental/Program: 100%

23) Awards/Recognitions received by faculty and students:**a) Faculty:**

S. No	Year	Name of the Faculty	Designation	Award
1	2015-16	T Kishore Kumar	Assistant Professor	Best Teacher

b) Students:

Sl No.	Date of event	Event Description	Event Venue	Title	Event level (Unit / State / National)	Type of event (Individual / Team)	Student Name	Award/ Prize
1	25-02-2013	Volley Ball	DIET	Annual day	Unit	Team	T. Ravi teja	II
2	25-02-2013	Volley Ball	DIET	Annual day	Unit	Team	J. Naga raju	II

3	25-02-2013	Volley Ball	DIET	Annual day	Unit	Team	E. Ashok Kumar	II
4	25-02-2013	Volley Ball	DIET	Annual day	Unit	Team	D. Prakash Kumar	II
5	25-02-2013	Volley Ball	DIET	Annual day	Unit	Team	S. Sravan	II
6	25-02-2013	Volley Ball	DIET	Annual day	Unit	Team	Md. Rafi	II
7	25-02-2013	Volley Ball	DIET	Annual day	Unit	Team	G. Sai Srinivas	II
8	25-02-2013	Volley Ball	DIET	Annual day	Unit	Team	V. Prasanna Kumar	II
9	30-01-2014 to 01-02-2014	Volley Ball	Gudlavalleru Engineering College	Annual day	Unit	Team	M.Srikanth	II
10	30-01-2014 to 01-02-2014	Volley Ball	Gudlavalleru Engineering College	Annual day	Unit	Team	M.Sai Kumar	II
11	30-01-2014 to 01-02-2014	Volley Ball	Gudlavalleru Engineering College	Annual day	Unit	Team	Y.Lokesh	II
12	5-04-2014	Kho Kho	DIET	Annual day	Unit	Team	P. Naga Bhavani	I
13	5-04-2014	Flower Arrangement & Vegetable Carving	DIET	Annual day	Unit	Individual	P. Mounika	II

14	29-09-14 to 03-10-14	Hand Ball	Periyar University Salem	JNTUK Representation For Hand Ball For Men & Women	University	Team	M Vasantha Rao	II
15	6-02-2015	Electrical Animation	VRSEC	Annual Day	Unit	Individual	U.J.Santosh Kumar	II
16	21-02-2015	Clay Modelling	GEC	Annual Day	Unit	Team	U.J.Santosh Kumar	II
17	23-03-2015& 24-03-2015	Kabaddi	JNTU K	Jntuk C Zone Kabaddi	University	Team	M Vasantha Rao	II
18	23-03-2015& 24-03-2015	Kabaddi	JNTU K	Jntuk C Zone Kabaddi	University	Team	M Siva Raj	II
19	23-03-2015& 24-03-2015	Kabaddi	JNTU K	Jntuk C Zone Kabaddi	University	Team	D Venkatesh	II
20	28-12-2015 to 08-01-2016	Hand Ball	ALAGAPPA UNIVERSITY	Jntuk Representation For Hand Ball Men	University	Team	M Vasantha Rao	II
21	27-03-2015	Kho-Kho	DIET	Annual Day Games And Sports Meet	College	Team	P V N Sai Kumar	II
22	27-03-2015	Kho-Kho	DIET	Annual Day	College	Team	L Manikanta	II
23	27-03-2015	Kho-Kho	DIET	Annual Day	College	Team	P Vasu Babu	II

24	27-03-2015	Kho-Kho	DIET	Annual Day	College	Team	K Harish	II
25	27-03-2015	Kho-Kho	DIET	Annual Day	College	Team	Y Lokesh	II
26	27-03-2015	Kho-Kho	DIET	Annual Day	College	Team	N Umamaheswara Rao	II
27	27-03-2015	Kho-Kho	DIET	Annual Day	College	Team	K Vamsi	II
28	27-03-2015	Kho-Kho	DIET	Annual Day	College	Team	M Manoj	II
29	27-03-2015	Kho-Kho	DIET	Annual Day	College	Team	M Venkatesh	II
30	27-03-2015	Kho-Kho	DIET	Annual Day	College	Team	K Akeesh	II
31	27-03-2015	Kho-Kho	DIET	Annual Day	College	Team	K Uday	II
32	27-03-2015	Kabaddi	DIET	Annual Day	College	Team	B Bramaramba	I
33	27-03-2015	Kabaddi	DIET	Annual Day	College	Team	M Mounika	I
34	27-03-2015	Kabaddi	DIET	Annual Day	College	Team	V Manusha	I
35	27-03-2015	Kabaddi	DIET	Annual Day	College	Team	Md Taslema	I
36	27-03-2015	Kabaddi	DIET	Annual Day	College	Team	P Bhavani	I
37	27-03-2015	Kabaddi	DIET	Annual Day	College	Team	T Rebecca	I
38	27-03-2015	Kabaddi	DIET	Annual Day	College	Team	M Asha	I
39	27-03-2015	Kabaddi	DIET	Annual Day	College	Team	V Swathi	I

40	27-03-2015	Kabaddi	DIET	Annual Day	Coll ege	Team	B Gowthami	I
41	27-03-2015	Kho-Kho	DIET	Annual Day	Coll ege	Team	G Leela Krishna	I
42	27-03-2015	Kho-Kho	DIET	Annual Day	Coll ege	Team	M Mounika	I
43	27-03-2015	Kho-Kho	DIET	Annual Day	Coll ege	Team	B Bramaramba	I
44	27-03-2015	Kho-Kho	DIET	Annual Day	Coll ege	Team	K Rasagna	I
45	27-03-2015	Kho-Kho	DIET	Annual Day	Coll ege	Team	P Padma	I
46	27-03-2015	Kho-Kho	DIET	Annual Day	Coll ege	Team	K Gowtami	I
47	27-03-2015	Kho-Kho	DIET	Annual Day	Coll ege	Team	S Sneha Sree	I
48	27-03-2015	Kho-Kho	DIET	Annual Day	Coll ege	Team	P Siva Sree	I
49	27-03-2015	Kho-Kho	DIET	Annual Day	Coll ege	Team	V Supriya	I
50	27-03-2015	Kho-Kho	DIET	Annual Day	Coll ege	Team	Sk Ayesha	I
51	27-03-2015	Kho-Kho	DIET	Annual Day	Coll ege	Team	V Ankitha	I
52	27-02-2016	Chemistry	DIET	Annual Day	Uni t	Indivi dual	J.V. Lahari	I
53	19-03-2016	Volley Ball	DIET	Annual Day	Coll ege	Team	P Karthik	I
54	19-03-2016	Volley Ball	DIET	Annual Day	Coll ege	Team	Ch Naga Chandu	I
55	19-03-2016	Volley Ball	DIET	Annual Day	Coll ege	Team	R Manikanta	I

56	19-03-2016	Volley Ball	DIET	Annual Day	Coll ege	Team	K Pratap	I
57	19-03-2016	Volley Ball	DIET	Annual Day	Coll ege	Team	Md Abdul Sami-UI-Basheer	I
58	19-03-2016	Volley Ball	DIET	Annual Day	Coll ege	Team	V Amarnath	I
59	19-03-2016	Volley Ball	DIET	Annual Day	Coll ege	Team	K Akhil	I
60	19-03-2016	Volley Ball	DIET	Annual Day	Coll ege	Team	V Srinivas Rao	I
61	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	U Sai Krishna	I
62	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	Md Basheer Ahmed	I
63	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	D Srinivas	I
64	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	Sk Galib Baig	I
65	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	B Durga Prasad	I
66	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	G Sai Krishna	I
67	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	Sd Naveed	I
68	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	K Akhil	I
69	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	Sk Ismail	I
70	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	P Suresh Kumar	I
71	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	B Augsteen Kumar	I

72	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	E Ravi Teja	I
73	19-03-2016	Cricket	DIET	Annual Day	Coll ege	Team	V Amarnath	I
74	19-03-2016	Table Tennis	DIET	Annual Day	Coll ege	Team	V Manusha	I
75	19-03-2016	Table Tennis	DIET	Annual Day	Coll ege	Team	M Sai Vara Lakshmi	I
76	19-03-2016	Kho-Kho	DIET	Annual Day	Coll ege	Team	M Mounika	I
77	19-03-2016	Kho-Kho	DIET	Annual Day	Coll ege	Team	B Brama Ramba	I
78	19-03-2016	Kho-Kho	DIET	Annual Day	Coll ege	Team	K Gowtami	I
79	19-03-2016	Kho-Kho	DIET	Annual Day	Coll ege	Team	P Padma	I
80	19-03-2016	Kho-Kho	DIET	Annual Day	Coll ege	Team	S Sneha Sree	I
81	19-03-2016	Kho-Kho	DIET	Annual Day	Coll ege	Team	P Leela	I
82	19-03-2016	Kho-Kho	DIET	Annual Day	Coll ege	Team	V Supriya	I
83	19-03-2016	Kho-Kho	DIET	Annual Day	Coll ege	Team	P Siva Sree	I
84.	19-03-2016	Kho-Kho	DIET	Annual Day	Coll ege	Team	Naga Bhavani	I
85	19-03-2016	Kho-Kho	DIET	Annual Day	Coll ege	Team	J Krishna Babu	I
86	19-03-2016	Kho-Kho	DIET	Annual Day	Coll ege	Team	A Meghana	I
87	27-02-2017	Paper Presentatio ns	DIET	DIET-DHANU SH 2K17	Uni t	Team	T. Prudhvi Ranga Rao	II

88	27-02-2017	Paper Presentations	DIET	DIET-DHANU SH 2K17	Unit	Team	B. Sai Shankar Reddy	II
89	27-02-2017	Spot Model Making	DIET	DIET-DHANU SH 2K17	Unit	Team	V.Vishnu Priya	II
90	27-02-2017	Spot Model Making	DIET	DIET-DHANU SH 2K17	Unit	Team	V.Rupa Sree	II
91	27-02-2017	Spot Model Making	DIET	DIET-DHANU SH 2K17	Unit	Team	L.Vijaya Durga	II
92	28-02-2017	Tech Thought	DIET	DIET-DHANU SH 2K17	Unit	Team	M. Siva Reddy	I
93	28-02-2017	Tech Thought	DIET	DIET-DHANU SH 2K17	Unit	Team	J. Venkata Lahari	I
94	28-02-2017	Tech Thought	DIET	DIET-DHANU SH 2K17	Unit	Team	T. Sai Teja	II
95	28-02-2017	Tech Thought	DIET	DIET-DHANU SH 2K17	Unit	Team	M. Satti Raju	II
96	27-01-2017 28-01-2017	Theme Ballet	DIET	DIET-DHANU SH 2K17	Unit	Team	U.Divya Sai	I
97	27-01-2017 28-01-2017	Theme Ballet	DIET	DIET-DHANU SH 2K17	Unit	Team	G.Naveen	I
98	27-01-2017 28-01-2017	Theme Ballet	DIET	DIET-DHANU SH 2K17	Unit	Team	J.U.V.Bhaskar Rao	II

99	27-01-2017 28-01-2017	Theme Ballet	DIET	DIET-DHANU SH 2K17	Unit	Team	M.Venkata Pradeep	II
100	27-01-2017 28-01-2017	Tech Trix	DIET	DIET-DHANU SH 2K17	Unit	Team	L.Vijaya Durga	I
101	27-01-2017 28-01-2017	Tech Trix	DIET	DIET-DHANU SH 2K17	Unit	Team	V.Rupa Sree	I
102	27-01-2017 28-01-2017	Tech Trix	DIET	DIET-DHANU SH 2K17	Unit	Team	P.Sree Lakshmi	II
103	27-01-2017 28-01-2017	Tech Trix	DIET	DIET-DHANU SH 2K17	Unit	Team	G.Sai Kiran	II
104	27-01-2017 28-01-2017	Cad Expertise	DIET	DIET-DHANU SH 2K17	Unit	Team	G.N.V.Ravi Teja	II
105	28-02-2017	Painting	DIET	Annual Day 2K17	Unit	Individual	S.V. Ranganadh	II
106	01-03-17	Singing	DIET	Annual Day 2K17	Unit	Team	Nabeel Ahmed	I
107	01-03-17	Singing	DIET	Annual Day 2K17	Unit	Team	T. Sai Pranav Keerthan	I
108	02-03-17	Walking Dictionary	DIET	Annual Day 2K17	Unit	Individual	V. Jaswanth	II
109	03-03-17	Dancing	DIET	Annual Day 2K17	Unit	Team	KVSGS Pradeep	II
110	10-03-2017	Slogan Writing	DIET	DIET-National	Unit	Individual	Y.Sai Ram Krishna	I

				Safety Week				
111	10-03-2017	Slogan Writing	DIET	National Safety Week	Unit	Individual	D. Lakshman	II
112	10-03-2017	Poster Presentation	DIET	National Safety Week	Unit	Team	U. Divya Sai, P.R.S.L. Sujitha	I
113	10-03-2017	Poster Presentation	DIET	National Safety Week	Unit	Individual	D. Lakshman	II
114	10-03-2017	Essay Writing	DIET	National Safety Week	Unit	Individual	P.R.S.L. Sujitha	I
115	10-03-2017	Essay Writing	DIET	National Safety Week	Unit	Individual	G. Phanichandra Mouli	II

24) List of eminent academicians and scientists/visitors to the department

S. No	Date of Visit	Name of the academician/Scientist /	Designation	Organization	Purpose of Visit
1	17-03-2017	Dr. J Ravi Shankar	Associate Professor	IIT Roorkee	Seminar
2	18-02-2017	Dr. A Rama Chandra Murthy	Principal Scientist & Head	Computational Structural Mechanics Group CSIR-SERC,	Seminar
3	18-02-2017	Mr J Sri Kalyana Rama	Assistant Professor	BITS Pilani, Hyderabad	Seminar
4	27-01-2017 28-01-2017	Dr. B Panduranga Rao	Professor in Civil Engineering & Dean- Student Affairs	VRSEC Vijayawada	DHANUS H-2K17

5	04-01-2016	Dr. M Rama Rao	Professor	RVR&JC College of Engineering	Workshop
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25) Seminars/Conferences/Workshops organized & the source of funding

a) National

S. No.	Date	Name of the seminar/conference/workshop	Name of the Resource Person	Source of funding
1	17-03-2017	One Day Seminar on Liquefaction of Soils	Dr. J. Ravishankar Associate Professor IIT Roorkee	DIET
2	18-02-2017	One Day Seminar on Recent Advances in Civil Engineering	Dr. A. Rama Chandra Murthy Principal Scientist & Head Computational Structural Mechanics Group CSIR-SERC, Chennai	DIET
3	18-02-2017	One Day Seminar on Recent Advances in Civil Engineering	Mr. J. Sri Kalyana Rama BITS Pilani, Hyderabad	DIET
4	18-11-2016	One Day workshop on STAAD Pro	Allwyn, Bentley Systems	DIET
5	13-11-2016 15-11-2016	Two Day workshop on ARC GIS	Ajith Babar	DIET
6	16-02-2016	One Day Guest lecture on Planning and Construction of Different types of Road	D. Srikanth Senior Engineer Structures -BSCPL	DIET
7	04-01-2016	One Day Guest lecture on Mind Maps and Memory Techniques	Dr. M. Rama Rao Professor RVR&JC College of Engineering	DIET
8	22-01-2016	One Day Guest lecture on Water conservation	A. VaraPrasada Rao Deputy Director in Ground water Department (Govt. of AP)	DIET
9	20-06-2015 21-05-2015	Two Days workshop on PRIMAVERA	K. Srinivas Assistant Professor JNTU Kakinada	DIET
10	16-07-2012	One Day Seminar on WATER CONVERSATION AND MANAGEMENT	DEPUTY DIRECTOR Govt of Andhra Pradesh	DIET

11	02-01-2012	One Day Seminar on Earth Quake and Tsunami Effects Need for A Warning System IN INDIA	S.R.K. Reddy Prof& Director of Gudlavalleru Engineering College	DIET
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b) International: NIL

26) Student profile program/course wise: B.Tech

Year	Applications received	Selected (Number Admitted including Lateral Entry)	Enrolled		No. of Students Passed/ Appeared	Pass Percentage (%)
			Male	Female		
2010-14	65	65	44	21	41/59	69.49
2011-15	72	72	53	19	52/65	80
2012-16	72	72	49	23	47/63	74.6
2013-17	135	135	107	28	-	-
2014-18	144	144	104	40	-	-

***Admissions are through EAMCET counseling of AP State Govt.**

Student profile course wise: Refer Q4

Name of Course	Academic Year	Applications Received	Selected	Enrolled Male	Enrolled Female	No of Passed	Pass %
Probability & Statistics	2015-16	144	144	108	36	109	75.69
Basic Electronics & Electrical Engineering	2015-16	144	144	108	36	112	77.77
Managerial Economics & Financial Analysis	2015-16	144	144	108	36	106	73.61

27) Diversity of Students:

Year of Admission	% students from the same State	% of students from other States
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2012	100	NIL
2013	100	NIL
2014	100	NIL
2015	100	NIL
2016	100	NIL

28) How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Students clearing GATE exam:

Name of the Competitive examination	No. of Students qualified		
	2013-14	2014-15	2015-16
GATE	-	-	01
GRE	-	-	01
Public Service Sectors	-	-	-

29) Student progression:

Student Progression	Against % Enrolled			
	2016-17	2015-16	2014-15	2013-14
UG to PG	-	8.33	15.27	28.12
Employed	-	13.88	11.11	9.37
Entrepreneurship/Self Employed	-	-	-	-

30) Details of Infrastructural facilities:

a) Central Library: Plinth Area: 1248 Sqm Volumes: 2500

Department Library	Plinth Area	No. of Titles	No. of Volumes	No. of E Journals	No. of Print Journals
	----	388	2414	35(ASCE)	12

b) Internet facilities for Staff & Students:

- Internet speed of 46 Mbps
 - NetLinx - 30Mbps
 - BSNL - 16Mbps - Leased Line

c) Classrooms with ICT facility: 02

Rooms	No of Rooms	Facilities
Class rooms	6	Student Desks, Fans, Tube lights, LCD Projectors-2, Podium, Glass board, Chalks
Tutorial rooms	1	

Drawing hall	1	& Duster
Seminar hall	1	

d) Laboratories: 9

S.No	Name of The Laboratory	Area (Sq.mts)
1	Surveying Lab	85
2	Geology Lab	85
3	Concrete Technology Lab	93.756
4	Transportation Engineering Lab	78.13
5	Environmental Engineering Lab	96.42
6	Geotechnical Engineering Lab	85
7	GIS & CAD Lab	100
8	Strength of Materials Lab	205
9	Fluid Mechanics Lab	273

31) Number of students receiving financial assistance from college, university, government or other agencies.

Agency	No. of students received financial assistance				
	2016-17	2015-16	2014-15	2013-14	2012-13
Government	88	102	77	81	47

32) Details on student enrichment programs (special lectures / workshops /seminar) with external experts:

S. No.	Date	Name of the seminar/conference/ workshop	Name of the Resource Person
1	17-03-2017	One Day Seminar on Liquefaction of Soils	Dr. J. Ravishankar Associate Professor IIT Roorkee
2	18-02-2017	One Day Seminar on Recent Advances in Civil Engineering	Dr. A. Rama Chandra Murthy Principal Scientist & Head Computational Structural Mechanics Group CSIR-SERC, Chennai
3	18-02-2017	One Day Seminar on Recent Advances in Civil Engineering	Mr. J. Sri Kalyana Rama BITS Pilani, Hyderabad
4	16-02- 2016	One Day Guest lecture on Planning and Construction of Different types of Road Bridges and Highway pavements.	D. Srikanth Senior Engineer Structures -BSCPL

5	04-01-2016	One Day Guest lecture on Mind Maps and Memory Techniques	Dr. M. Rama Rao Professor RVR&JC College of Engineering
6	22-01- 2016	One Day Guest lecture on Water conservation	A. Vara Prasada Rao Deputy Director in Ground water Department (Govt. of AP)
7	20-6- 2015 21-5-2015	Two Days workshop on PRIMAVERA	K. Srinivas Assistant Professor JNTU Kakinada
8	16-07-2012	One Day Seminar on WATER CONVERSATION AND MANAGEMENT	DEPUTY DIRECTOR GOVT OF Andhra Pradesh
9	02-01-2012	One Day Seminar on EARTH QUAKE AND TSUNAMI EFFECTS NEED FOR A WARNING SYSTEM IN INDIA	S.R.K. Reddy Prof& Director of Gudlavalleru Engineering College

33) Teaching methods adopted to improve student learning

- Power point presentations/Video lectures/OHPs were used by concerned faculty for regular classroom teaching.
- Tutorial classes are conducted to improve the problem-solving skills.
- Conducting remedial classes for poor learners to improve their academic performance
- Assignment are given to students based on the need of the topic
- Arranging workshops/guest lecturers to students by eminent personalities from academic institutions and Industry to enhance the knowledge of student
- Arranging Industrial Visits
- NPTEL lectures from IIT and other professors
- Case study presentation

34) Participation in Institutional Social Responsibility (ISR) and Extension activities:

a) NSS Activities:

Date	Name of the activity	Venue	No. of students participated
22-01-2011	Voter day awareness program	DIET	01
23-03-2011	Blood Donation Camp	DIET	03
01-10-2011	Dental awareness program	DIET	12
25-07-2012	Blood Donation Camp	Sub Collector Office	20
22-12-2012	Blood Donation Camp	DIET	6
06-01-2013	Fund Raising for Deep Chand	DIET	2
25-07-2013	Health Checkup Camp-Kamineni HSP	DIET	2

11-09-2013	National Youth Run	IMS-VJA	10
10-12-2013	Voters Registration Awareness	DIET	62
02-02-2014	Root Health Foundation -5k Walk	IMS-VJA	17
16-07-2014	Blood Donation Camp-Red cross	DIET	29
17-03-2015	Blood Donation Camp	Diet-T&P Hall	46
03-07-2015	Awareness Program on Digilocker	DIET	27
15-07-2015 16-07-2015	Elouction – Godavari Maha Pruskaram	DIET	03
06-08-2015	Rally on World Organ Donation Day	DIET	7
14-10-2015	Blood Donation Camp	DIET	47
22-12-2016	Healthy Heart	DIET	133
10-01-2016	Amaravathi Marathon	Deep Trust	24
13-02-2016	Helping Hand – Fund Rising Activity	DIET	41
06-04-2016	Fund Rising for Hari Krishna	DIET	29
24-09-2016 & 25-09-2016	Impact Personality Development Program	Siddhartha Arts Auditorium	46
17-09-2016	Fund Rising for IAB & Mothers Concern	DIET	51
12-08-2016 to 23-08-2016	Krishna Puskar Sevak	Sitamma Padalu, Apron Area	52
05-08-2016	Mega Blood Donation Camp	DIET T&P Hall	44
16-12-2016 to 16-02-2017	Cashless Economy -Awareness	DIET, Kankipadu & Madduru	11
08-01-2017	Amaravathi Marathon	IMS-Vijayawada	156
07-12-2016	Blood Donation Camp	DIET-T&P Hall	17
26-01-2017	Fund Raising for Zilla Sainik Welfare	DIET	83
08-02-2017	Cashless Training Program-SBI E Buddy	DIET	133

b) **Training imparted to the local public: NIL**

35) SWOC analysis of the Department and Future plans

Strengths

- Experienced and qualified faculty
- Good Team Spirit among faculty
- Committed Technical Supporting Staff
- Systematic monitoring of teaching-learning process
- Conducting Faculty development programs
- Well-equipped laboratories
- Academic calendar is strictly adhered to the schedule

Weaknesses

- Research culture to be enhanced for enthusing faculty research.
- To enhance consultancy, it needs marketing and building rapport with construction companies. This needs to be strengthened.

Opportunities

- Location of the institute in Capital city of AP is an opportunity to high student demand into more selective admission.
- Networking with National R & D labs, IITs.

Constraints

- Declining quality of students due to competition from Private universities.

Future Plans

- To establish research oriented laboratories / research projects by getting funds from external agencies such as AICTE, UGC etc.
- To enhance the department-industry interaction.
- Placement of students would be the key plans for the future.
- To provide more industry relationship with department by taking real-time Industry Projects.
- To conduct National/International Conference for the faculty, Research scholars, PG Students.
- To conduct Student Development Program in the emerging areas.

Evaluation Report of Department of Computer Science & Engineering

1. Name of the Department: Computer Science & Engineering

2. Year of Establishment: 2009

3. Names of Programmes / Courses offered

B.Tech - Computer Science & Engineering.

M.Tech - Computer Science & Engineering.

4. Names of Interdisciplinary courses and the departments/units involved

SNo	Name of the Course	Department Involved
1	Data Communication	Electronics & Communication Engineering
2	Managerial Economics and Financial Analysis, Probability & Statistics, Management Science	Basic Science and Humanities Department

5. Annual/ semester/choice based credit system (programme wise)

- B.Tech (Computer Science & Engineering) - Semester based Credit system and electives for higher semester.
- M.Tech (Computer Science & Engineering) - Semester based Credit system and electives for higher semester.

6. Participation of the department in the courses offered by other departments:

S.No.	Name of The Course	Courses offered by other departments
1	Computer Programming, C Programming Lab, Artificial intelligence	Electrical and Electronics Engineering
2	Computer Programming, C Programming Lab, Data Structures	Electronics & Communication Engineering
3	Computer Programming, C Programming Lab	Mechanical Engineering
4	Computer Programming, C Programming Lab	Civil Engineering

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:

Posts	Sanctioned	Filled
Professors	01	01
Associate Professors	03	03
Asst. Professors	27	27

**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 P h.D Students guided for the Last 4 years
1	Dr. B Srinivasa Rao	Ph.D	Professor	Computer Science & Engineering	19	--
2	Mr K Satheesh	M.Tech,(Ph.D)	Associate Professor	Computer Science & Engineering	16	--
3	Mr N Ashok	M.Tech,(Ph.D)	Associate Professor	Computer Science & Engineering	13	--
4	Mr P V Hari Prasad	M.Tech,(Ph.D)	Associate Professor	Computer Science & Engineering	18	--
5	Mrs M Ragini	M.Tech	Assistant Professor	Computer Science & Engineering	06	--
6	Ms P Sunitha	M.Tech,(Ph.D)	Assistant Professor	Computer Science & Engineering	10	--
7	Mr K Sandeep	MS,(Ph.D)	Assistant Professor	Computer Science & Engineering	08	--
8	Mrs S Praneetha	M.Tech	Assistant Professor	Computer Science & Engineering	06	--
9	Mrs LNB Jyotsna	M.Tech	Assistant Professor	Computer Science & Engineering	09	--
10	Mrs P Swathi	M.Tech	Assistant Professor	Computer Science & Engineering	10	--
11	Mr R Phani Kishore	M.Tech	Assistant Professor	Computer Science & Engineering	08	--
12	Mr A Satish Kumar	M.Tech	Assistant Professor	Computer Science & Engineering	08	--
13	Mr D Ratna Kishore	M.Tech(Ph.D)	Assistant Professor	Computer Science & Engineering	08	--

14	Mrs B Swathi	M.Tech	Assistant Professor	Computer Science & Engineering	06	--
15	Mrs M Hima Jyothi	M.Tech	Assistant Professor	Computer Science & Engineering	06	--
16	Mrs S Naga Sindhu	M.Tech	Assistant Professor	Computer Science & Engineering	06	--
17	Mrs N Sri Lakshmi	M.Tech	Assistant Professor	Computer Science & Engineering	03	--
18	Mr VVR Manoj	M.Tech	Assistant Professor	Computer Science & Engineering	06	--
19	Mrs K Sandhya Rani	M.Tech	Assistant Professor	Computer Science & Engineering	04	--
20	Mrs K Swathi	M.Tech	Assistant Professor	Computer Science & Engineering	02	--
21	Mr Y Ashok	M.Tech	Assistant Professor	Computer Science & Engineering	02	--
22	Mr P Jagadeeswara Rao	M.Tech	Assistant Professor	Computer Science & Engineering	04	--
23	Mr P Siva Naga Raju	M.Tech	Assistant Professor	Computer Science & Engineering	10	--
24	Mrs M Sri Devi Sameera	M.Tech(Ph.D)	Assistant Professor	Computer Science & Engineering	02	--
25	Mrs Ch Padmini	M.Tech(Ph.D)	Assistant Professor	Computer Science & Engineering	10	--
26	Mrs M Syamala	M.Tech(Ph.D)	Assistant Professor	Computer Science & Engineering	01	--
27	Mrs G Pravallika	M.Tech	Assistant Professor	Computer Science & Engineering	08	--
28	Mr M Ravi Kanth	M.Tech	Assistant Professor	Computer Science & Engineering	08	--
29	Mrs U Sirisha	M.Tech	Assistant Professor	Computer Science & Engineering	01	--

30	Mrs G Venkata Ramana	M.Tech	Assistant Professor	Computer Science & Engineering	0	--
31	Ms Y Sushmitha	M.Tech	Assistant Professor	Computer Science & Engineering	9 Mont hs	--

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NIL

13. Student -Teacher Ratio (programme wise):

B.Tech 1:15

M.Tech 1:12

14. Number of academic support staff (technical) and administrative staff

Posts	Sanctioned	Filled
Academic support Staff	4	4
Administrative Staff	2	2

15. Qualifications of teaching faculty with Ph.D/MPhil / PG.

S.No	Qualification	Faculty Numbers
1	Ph.D	1
2	PG(M.Tech)	30

16. Number of faculty with on-going projects from

a) National: NIL

b) International: 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

Publication per Faculty

SNo	Name of the Faculty	Number of publications	SNo	Name of the Faculty	Number of publications
1	Dr B Srinivasa Rao	11	17	Mrs N Sri Lakshmi	1
2	Mr K Sateesh	6	18	Mr VVR Manoj	4
3	Mr N Ashok	5	19	Mrs K Sandhya Rani	3
4	Mr P V Hari Prasad	2	20	Mrs K Swathi	2
5	Mrs M Ragini	5	21	Mr Y Ashok	1

6	Ms P Sunitha	8	22	Mr P Jagadeeswara Rao	4
7	Mr K Sandeep	7	23	Mr P Siva Naga Raju	-
8	Mrs S Praneetha	2	24	Mrs MSD Sameera	1
9	Mrs LNB Jyotsna	4	25	Mrs Ch Padmini	-
10	Mrs P Swathi	2	26	Mrs M Syamala	2
11	Mr R Phani Kishore	4	27	Mrs G Pravallika	1
12	Mr A Satish Kumar	3	28	Mr M Ravi Kanth	-
13	Mr D Ratna Kishore	4	29	Mrs U Sirisha	1
14	Mrs B Swathi	1	30	Mrs G Venkata Ramana	1
15	Mrs M Hima Jyothi	2	31	Ms Y Sushmitha	2
16	Mrs S Naga Sindhu	1			

20. Areas of consultancy and income generated: NIL

21. Faculty as members in a) National committees, b) International Committees, c) Editorial Boards....

National Committees: CSI-5 Members, ISSE-5 Members & ISTE-29 members

22. Student projects

a. Percentage of students who have done in-house projects including inter departmental/programme

S.No	Academic year	Programme	In house projects %
1	2015-16	UG	96.7
		PG	100
2	2014-15	UG	100
		PG	100
3	2013-14	UG	100
		PG	100
4	2012-13	UG	38.5

b. Percentage of students placed for projects in organizations outside the institution i.e, in research laboratories/Industry/other agencies

S.No	Academic year	Programme	(%) of projects done in Outside
1	2015-16	UG	3.3
2	2012-13	UG	61.5

23. Awards / Recognitions received by faculty and students

a) Faculty Awards: NIL

b) Student Awards:

1. In 2014 Vasireddy Chandana bearing Register number 108T1A0513 is awarded gold medal for her excellence in academics securing First rank in over all performance (I year to IV-I semester) during her B.Tech course, 2010-2014.
2. In 2014 KolliparaSpandana bearing Register number 108T1A0593 is awarded silver medal for her excellence in academics securing Second rank in over all performance (I year to IV-I semester) during her B.Tech course, 2010-2014.
3. In 2015 Sk.Muneera Begum Register number 118T1A0544 is awarded gold medal for her excellence in academics securing First rank in over all performance (I year to IV-I semester) during her B.Tech course, 2011-2015.
4. In 2015 Jonnalagadda Chandrika Meghana bearing Register number 118T1A0509 is awarded silver medal for her excellence in academics securing second rank in over all performance (I year to IV-I semester) during her B.Tech course, 2011-2015.
5. In 2016 Singamsetty Veera AnithaPriya bearing Register number 128T1A05A7 is awarded gold medal for her excellence in academics securing First rank in over all performance (I year to IV-I semester) during her B.Tech course, 2012-2016.
6. In 2016 PuttaguntaIshwarya bearing Register number 128T1A0528 is awarded silver medal for her excellence in academics securing second rank in over all performance (I year to IV-I semester) during her B.Tech course, 2012-2016.
7. In 2017 Pinninti Kavya Jyothi bearing Register number 138T1A0535 is awarded gold medal for her excellence in academics securing First rank in over all performance (I year to IV-I semester) during her B.Tech course, 2013-2017.
8. In 2017 Channa Urmila bearing Register number 138T1A05A0 is awarded silver medal for her excellence in academics securing Second rank in over all performance (I year to IV-I semester) during her B.Tech course, 2013-2017.
9. List of student awards achieved by the students in participating Technical Symposiums Conducted by various colleges:

2016-17

S.No	Date	Name of the student	Name of the event	Venue	Awards
1	02-02-17 03-02-17	Shaik Jafar	BLIND C	VRSEC	2 nd Prize
2	02-02-17 03-02-17	K.EswarSesha Sai	CRAZY HUNT	VRSEC	1 st Prize
3	02-02-17 03-02-17	B.VishnuPriya	PAPER PRESENTATION	VRSEC	1 st Prize
4	02-02-17 03-02-17	G.SaiTarun	CRUIZE	VRSEC	2 nd Prize
5	02-02-17 03-02-17	K.Muralidhar	CRUIZE	VRSEC	2 nd Prize
6	02-02-17 03-02-17	L.Vamsi Krishna Vardhan	TECHNICAL QUIZ	VRSEC	1 st Prize

7	02-02-17 03-02-17	Shaik Jafar	PUZZLE WITH CODING	VRSEC	3 rd Prize
8	18-02-17 19-02-17	K.Vinay Kumar	WEB DEVELOPMENT	NRI	3 rd Prize
9	18-02-17 19-02-17	K.Vinay Kumar	TECHNICAL QUIZ	NRI	3 rd Prize
10	18-02-17 19-02-17	G.SaiTarun	WEB DEVELOPMENT	NRI	1 st Prize
11	18-02-17 19-02-17	G.SaiTarun	HOPSPOT(Spot)	NRI	3 rd Prize
12	18-02-17 19-02-17	S.Vijay	CODING CONTEST	NRI	3 rd Prize
13	18-02-17 19-02-17	S.Vijay	WEB DEVELOPMENT	NRI	1 st Prize
14	18-02-17 19-02-17	S.Yeman Hussain	CODING CONTEST	NRI	3 rd Prize
15	18-02-17 19-02-17	Shaik Jafar	CODING CONTEST	NRI	2 nd Prize
16	18-02-17 19-02-17	T.T.Venkata Rayudu	WEB DEVELOPMENT	NRI	3 rd Prize
17	18-02-17 19-02-17	T.T. Venkata Rayudu	TECHNICAL QUIZ	NRI	3 rd Prize
18	27-01-17 28-01-17	K.Bala Krishna	TECHNICAL QUIZ	Dhanekula	1 st Prize
19	27-01-17 28-01-17	K.EswarSesha Sai	COLLOQUIA THE BATTLE FIELD	Dhanekula	2 nd Prize
20	27-01-17 28-01-17	K.EswarSesha Sai	TECH THOUGHT	Dhanekula	1 st Prize
21	27-01-17 28-01-17	K.EswarSesha Sai	APP DESIGN	Dhanekula	1 st Prize
22	27-01-17 28-01-17	G.Madhuri	APP DESIGN	Dhanekula	2 nd Prize
23	27-01-17 28-01-17	B.VishnuPriya	TECH QUIZ	Dhanekula	2 nd Prize
24	27-01-17 28-01-17	A.Kishore Kumar	COLLOQUIA THE BATTLE FIELD	Dhanekula	1 st Prize
25	27-01-17 28-01-17	J.Brahmeswar	TECH THOUGHT	Dhanekula	1 st Prize
26	27-01-17 28-01-17	A.Akhil	APP DESIGN	Dhanekula	1 st Prize
27	12-02-17 14-02-17	S.Vijay	DEBUG IT	Gudlavalleru	2 nd Prize

2015-16

S.No	Date	Name of the student	Name of the event	Venue	Awards
1	26-02-16 27-02-16	Ch.Bhavana	THEME BALLET	DIET,Ganguru	1 st Prize
2	26-02-16 27-02-16	A.Kishore Kumar	Web Design	DIET,Ganguru	1 st Prize

3	11-03-16 12-03-16	B.Anusha	Poster Presentation	SRK	1 st Prize
4	25-02-16	Ch.Bavana	Poster presentation	PVP SIDHARTHA	1 st Prize
5	25-02-16	Ch.Bavana	Paper presentation	PVP SIDHARTHA	2 nd Prize

24. List of eminent academicians and scientists / visitors to the department:

2016-17

SN o	Name of the Academician/Scientist/visitor	Date of Visit	Designation	Organization	Purpose of visit
1	Mr.Pingali Gopal	28/01/17	Vice President	IBM	Guest Lecture
2	Mr.DVLN.Somayajulu	26/12/16, 31/12/16	Professor	NIT, Warangal	Resource Person
3	Mr.Saya Srinivasulu	26/12/16	Founder, CEO	Abheri Technologies	Resource Person
4	Mr.Anup Jayant Kelkar	27/12/16- 30/12/16	Technical Director	Vyclean Solutions, Nagpur	Resource Person
5	Dr.R.B.V.Subramanyam	02/05/16	Professor	NIT, Warangal	Resource Person
6	Mr. B.Srinivasa Raju	03/05/16	Sr. Developer	Delta Technologies,Hyd	Resource Person
7	Dr.A.S.N.Chakravarthy	04/05/16	AssociateProfessor	JNTUK	Resource Person
8	MsS.Swarnasudha	26/07/16	Regional head	TCS	Webinar
9	Dr.U.S.N .Raju	04/08/16	Assistant Professor	NIT, Warangal	Seminar
10	Mr.V.Anjayaneya Raju	29/07/16	CEO	Big Data Minds	Workshop

2015-16

SNo	Name of the Academician/Scientist/visitor	Date of Visit	Designation	Organization	Purpose of visit
1	Mr D. Sai Satish	16/03/16	CEO	Indian servers	Guest Lecture
2	Mr S. Praveen Reddy	01/03/16	Senior java trainer	Value labs	Work Shop
3	Mr. L Venugopal	15/02/16	Senior Technical consultant	Lorang Technologies	Work Shop
4	Dr Ganesh Iyer	08/10/16	Principal software engineer	Progress software	Guest Lecture
5	MrP.Ravi Kiran	29/10/15	Director knowledge management	Global tech solutions	Guest Lecture

6	L.VasanthGeetha	29/10/15	Associate Knowledge management	Yuva chapter of vijayawada	Guest Lecture
7	Mr A Nil Nori	01/07/15	Vice president	Microsoft	Seminar

2014-15

SN o	Name of the Academician/Scientist/visitor	Date of Visit	Designation	Organization	Purpose of Visit
1	K.Vamsi	11/02/15	Assistant professor	JNTUK	Guest Lecture
2	G.Srinivas	11/02/15	Assistant professor	JNTUK	Guest Lecture
3	DrK.V.Ramana	11/02/15	Professor	JNTUK	Guest Lecture
4	Mr Praveen kumarreddy	17/01/15	Senior java developer	Tech mahindra	Work Shop
5	Mr A. Srinivas	02/08/14	Microsoft certified faculty	Tech Time solutions	Seminar
6	Mr Ravi Kumar	07/08/14	Country Head of SAP	SAP	Seminar
7	Mr Ramachandran R. Rao	21/07/14	D.G.M	L & T Infotech	Seminar
8	Mr T.K.V. Iyengar	05/07/14	Retired Professor	NIT Warangal	Seminar

2013-14

SN o	Name of the Academician/Scientist/visitor	Date of Visit	Designation	Organization	Purpose of Visit
1	Mr Prabhakar	04/02/14	Senior soft skills trainer	Tech Mahindra	Seminar
2	MrTarunkakani	05/03/14	GBI Coordinator	GBI	Guest Lecture
3	Mr Ajay pal	24/01/14	Trainee	IIT Delhi	Work Shop
4	DrA.S.N.Chakravarthy	21/11/13	Professor	JNTU Vijayanagaram	Guest Lecture
5	Sukrithi Sharma	03/01/14	Technical evangelist	Microsoft	Guest Lecture
6	Mr Mohammad Faiz Farooq	12/11/13	Software engineer	ARK Techno solutions	Work Shop
7	MrTanzeelur Rahman	12/11/13	Software engineer	ARK Techno solutions	Work Shop
8	MrPromod Shaik	18/09/13	Architect	capgemini	Work Shop
9	MrSrirath Roy	18/09/13	Asst professor	KLU	Work Shop
10	GVS Giri	18/09/13	LCmember	SWECHA	Work Shop

11	Mr S. R. Venkat	16/12/13	Managing Director	Max Academy	Guest Lecture
12	Mr K. Hari Krishna	29/06/13	Manager TIPS CRT	Talent tree institute for placement training	Placement
13	Mr Hari Shakar	10/07/13	Aptitude trainer TIPS CRT	Talent tree institute for placement training	Placement

25. Seminars/ Conferences/Workshops organized & the source of funding:

a. National 2016-17

SNo	Name of the Seminar/Conference/Workshop	Date(s)	Source of funding
1	Webinar on Career Guidance	26/7/16	DIET
2	Hadoop & Big Data	29/7/16 ,30/7/16	DIET
3	Compiler Design	4/8/16	DIET
4	Ethical Hacking	16/4/16 to 17/4/16	DIET
5	FDP on Big Data analytics & computer Forensics	2/5/16 to 4/5/16	DIET
6	FDP on Python & R- Programming	26/12/16 to 31/12/16	DIET
7	Oracle Training Program	22/11/16 to 26/11/16	DIET
8	Java Training Program	28/11/16 to 3/12/16	DIET

2015-16

SNo	Name of the Seminar/Conference/Workshop	Date(s)	Source of funding
1	Trends in Technology & Planning Carrers	2/07/15	DIET
2	Knowledge Management & Career Oppurtunities	29/10/15 to 30/10/15	DIET
3	Rational SEED Program	9/10/15,10/10/15	DIET
4	Rapid Application Development using Cloud platforms	8/10/15	DIET
5	FDP on Student Councelling	9/12/15	DIET
6	Oracle Training Program	4/1/16 to 8/1/16	DIET
7	Amazon Training Program	12/2/16 to 15/2/16	DIET
8	Java Training Program	1/3/16 to 5/3/16	DIET
9	Latest Trends & Technology in CSE	5/3/16	DIET
10	Cyber Security & ethical Hacking	16/3/16 & 17/3/16	DIET
11	FDP on Outcome Based Education	6/6/16 to 11/6/16	DIET

2014-15

Sno	Name of the Seminar/Conference/Workshop	Date(s)	Source of funding
1	Applications of Mathematics to Science & Engineering	7/7/14	DIET
2	Building IT Skills	23/7/14	DIET
3	C Interview Questions	5/8/14	DIET
4	Introduction to SAP	09/08/14	DIET
5	Oracle Java Certification Course	19/1/15 to 28/1/15	DIET
6	Python Programming	11/2/15	DIET
7	Mobile Application Development	8/6/15 to 20/6/15	DIET

2013-14

Sno	Name of the Seminar/Conference/Workshop	Date(s)	Source of funding
1	Shell Scripting, Linux	20/9/13	DIET
2	Windows Bootcamp	6/1/2014	DIET
3	Linux	23/9/2013	DIET

b. International: NIL

26. Student profile program/course wise

a) Pass Percentages for inter disciplinary subjects
Batch: 2013-17

Course (Refer point No-4)	Applications received	Selected (Number Admitted including Lateral Entry)	Enrolled		Pass percentage
			Male	Female	
Managerial Economics and Financial Analysis	128	128	40	88	96.00
Probability & Statistics	127	127	40	87	87.40
Data Communication	124	124	40	84	84.67

b) Pass percentage year wise till date

B.Tech (CSE)

Year	Applications received	Selected (Number Admitted including Lateral Entry)	Enrolled		No. of Students Passed/Appeared	Pass percentage
			Male	Female		
2012-16	135	135	35	100	81/122	66.39
2011-15	132	132	52	80	70/125	56
2010-14	133	133	53	80	72/114	63.15
2009-13	66	66	27	39	49/49	100

M.Tech (CSE)

Year	Applications received	Selected (Number Admitted including Lateral Entry)	Enrolled		Pass percentage
			Male	Female	
2014-16		11	04	07	63.63%
2013-15		18	05	13	94.44%
2012-14		19	09	10	89.47%

*Admissions are through EAMCET/PGECET counseling of AP State Govt.

NR = Not Released

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of Students from other states	% of Students from abroad
2016-17	UG	100	0	0
2015-16		98.36	1.64	0
2014-15		99.19	0.81	0
2013-14		98.45	1.55	0
2012-13		100	0	0
2015-17	PG	8	0	0
2014-16		11	0	0
2013-15		18	0	0
2012-14		19	0	0

28. How many students have cleared national and state competitive examinations such as GATE, GRE etc.

Name of the Competitive examination	No. of students qualified				
	2016-17	2015-16	2014-15	2013-14	2012-13
GATE	-	-	-	1	-
GRE	-	14	18	21	-

29. Student progression

Student Progression	Year	Number of Students
UG to PG	2016-17	-
	2015-16	20
	2014-15	27
	2013-14	31
	2012-13	10
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus selection 	2016-17	-
		-
	2015-16	34
		18
	2014-15	32
		21
	2013-14	20
		20
	2012-13	11
		17

30. Details of Infrastructural facilities

- a) **Library:** Central Library – 1248.6 Sqm with 2500 volumes and
Department Library – 40sq feet with 167 volumes

b) Internet facility for Staff & Students:

1. Netlinx 30 mbps (1:1)
2. BSNL 6 mbps (1:1)
3. BSNL 10 mbps broad band line under NIMCET Project
4. Wifi facility

c) Class rooms with ICT facility: 1

d) Regular Class Rooms: 8

e) Laboratories

Sl.No	Lab Name	Area (sq. m)
1	Engineering Computing Center	150.00
2	'c' Programming Lab	150.00
3	IT Work Shop	

4	Object Oriented Programming Lab	150.00
5	Free Open Source Software (FOSS) Lab	
6	Python Programming Lab	
7	Data Structures Lab	150.00
8	Advanced Data Structures Lab	
9	Operating System & Linux Lab	150.00
10	Software Engineering Lab & Data warehousing and Data Mining Lab	
11	DBMS Lab	150.00
12	Web Technologies Lab	
13	Hadoop & Big Data Lab	
14	Compiler Design Lab	150.00
15	Computer Networks Lab	
16	Java Programming Lab	150.00
17	Mobile Application Development Lab	
18	Unified Modeling Language & Design Patterns Lab	150.00
19	Software Testing Methodologies Lab	
20	Project Lab	150.00

31. Number of students receiving financial assistance from college, University, government or other agencies:

S.No.	Course UG/PG	Year	No. of students Received financial assistance	Financial assistance from college/university/government or other agencies
1	UG	2016-17	264	Government of AP
2		2015-16	269	Government of AP
3		2014-15	282	Government of AP
4		2013-14	288	Government of AP
5		2012-13	252	Government of AP
1	PG	2016-17	2	Government of AP
2		2015-16	9	Government of AP
3		2014-15	19	Government of AP
4		2013-14	22	Government of AP
5		2012-13	12	Government of AP

32. Details on student enrichment programs (special lectures / workshops / seminar) with external experts:

2016-2017

SNo	Name of the workshop organized	Resource Person	Date
1	Webinar on Carrer Guidance Session	Ms.S.Swarna Sudha Regional Head, TCS	26-07-16
2	Hadoop & Big data	Sri.V.Anjaneya Raju CEO Big Data Minds, Hyderabad.	29-07-16 to 30-07-16
3	Compiler Design	Dr.U.S.N.Raju Assistant Professor, NIT Warangal.	05-08-16

2015-2016

SNo	Name of the workshop organized	Resource Person	Date
1	Trends in Technology & Planning Carrers	Mr.ANil Nori, Vice President Microsoft,USA.	02-07-15
2	Knowledge Management & Carrer Oppurtunities	P. Ravi Kiran, L. Vasanth Geetha Director, Associate Knowledge Management- SAP Labs- Global Tech Solutions, Vijayawda	29-10-15 , 30-10-15
3	Rapid Application Development using cloud platforms	Dr. Ganesh Iyer Principal Software Engineer, Progress Software, Hyderabad.	08-10-15
4	Oracle Training Program	Mastanvali. Shaik, Sr. Corporate trainer, Fronyn Technologies, Hyderabad.	04-01-16 to 08-01-16
5	Technical Training for Amazon Campus Drive	L.Venu Gopal, Sr. Technical Consultant, Lowrang Technologies.	15-02-16
6	Java Training PrograM	S.Praveen Reddy, Sr. Java Trainer, Value Labs	01-03-16 to 05-03-16
7	Latest Trend & Technology in CSE	Mr. Abishek Tallapragada Software Developer, Oracle Corporation.	05-03-16
8	Cyber Security & Ethical Hacking	D.Sai Satish, CEO Indian Servers.	16-03-16, 17-03-16

2014-2015

SNo	Name of the workshop organized	Resource Person	Date
1	Application of Mathematics to Science & Engineering	Sri.T.K.V.Iyengar Retd.Professor, NIT Warangal.	07-07-14
2	Building IT Skills	Sri.Ramcharandran R.Rao Deputy General Manager, L&T Infotech	23-07-16
3	C-Interview Questions	Sri.A.Srinivas Microsoft Certified Faculty, TechTime Solutions	05-08-14
4	Introduction to SAP	Sri.Ravi Kumar Country Head- SAP	09-08-14
5	Oracle Java Certification Course	Praveen Kumar Reddy Sr.Java Developer, Tech Mahindra.	19-01-15 to 28-01-15

6	Python Programming	Dr.K.V.Ramana Professor,JNTUK	11-02-15
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2013-2014

SN o	Name of the workshop organized	Resource Person	Date
1	Network Security	Dr.A.S.N.Chakravarthy Professor, JNTUK	23-11-13
2	Windows Boot Camp (App Building)	Sukriti Sharma Technical Avengalist, Microsoft	06-01-14
3	National Network Security Championship	Sri.Ajay Pal Trainer, IIT-Delhi ACM & Network Bulls	24-01-14 to 25-01-14
4	Global Business Incubitors	Sri.G.Srinivas,Ms.Sowjanya,Ms. V.Lavanya Trainers, GBI	27-01-14
5	Soft Skills	C.Prabhakar Sr. Soft Skills Trainer, Tech Mahindra.	06-02-14
6	Software Development	TarunKakani Software Trainer, GBI	08-03-14

33. Teaching methods adopted to improve student learning:

NPTEL, CoEeRD, e-LEARNING, LCD PROJECTOR, OHP, Real time systems examples, Industrial Tours, MOOCS (Massive Open Online Courses)- A Initiative Program with IIT's collaboration with JNTUK

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

2016-17

SNo	Name of the activity	Venue	Date(s)	No. of students Participated
1	Fund Rising for Hari Krishna	DIET	06-04-16	27
2	Impact Personality Development Program	Siddhartha Arts Auditorium	24-09-16 & 25-09-16	42
3	Fund Rising for IAB & Mothers Concern	DIET	17-09-16	47
4	Krishna Puskar Sevak	SitammaPadalu,Apro n Area	12-08-16 to 23-08-16	13
5	Mega Blood Donation Camp	DIET- T&P Hall	05-08-16	46
6	Cashless Economy –Awareness	DIET- Kankipadu&Madduru	16-12-16 to 16-02-17	4

7	Amaravathi Marathon	IMS-VJA	08-01-17	137
8	Blood Donation Camp	DIET –T&P Hall	07-12-16	7
9	Fund Raising or Zilla Sinik Welfare	DIET	26-01-17	88
10	Cashless Training Program-SBI E-Buddy	DIET	08-02-17	124

2015-16

S.No	Name of the activity	Venue	Date(s)	No of students Participated
1	Awareness Program on Digi Locker	Diet Auditorium	03-07-15	28
2	Rally on World Organ Donation Day	DIET	06-08-15	7
3	Blood Donation Camp	DIET	14-10-15	57
4	Healthy Heart	DIET	22-12-16	124
5	Amaravathi Marathon	Deep Trust	10-01-16	45
6	Helping Hand – Fund Rising Activity	DIET	13-02-16	72

2014-15

S No	Name of the activity	Venue	Date(s)	No. of students Participated
1	Blood Donation Camp-Red cross	DIET	16-07-14	13
2	Seemandhra Development Contest	Usha rama Engineering College	19-07-14	6
3	Road Safety Awareness Program	DIET	23-07-14	120
4	ChandrannaSankranthiPadakam	AP government – dhukanakendras	14-01-15	13
5	Blood Donation Camp	Diet-T&P Hall	17-03-15	53

2013-14

SNo	Name of the activity	Venue	Date(s)	No of students Participated
1	Health Check up Camp-Kamineni HSP	DIET	25-07-13	14
2	National Youth Run	IMS-VJA	11-09-13	10
3	Voters Registration Awareness	DIET	10-12-13	120
4	Root health foundation -5k walk	IMS-VJA	02-02-14	11
5	walk for vote – Ralley	Krishna District Elections Authority	04-05-14	108
6	General Elections 2014	Krishna District Elections Authority	05-14	42

2012-13

S No	Name of the activity	Venue	Date(s)	No of students Participated
1	Blood Donation Camp	Sub Collector Office- VJA	25-07-12	36
2	Blood Donation Camp	DIET	22-12-12	12
3	Fund raising for Deep Chand	DIET	06-01-13	02

35. SWOC analysis of the department and Future plans:

Strengths

- a) Experienced, qualified and sufficient Faculty members.
- b) Systematic monitoring of teaching-learning process.
- c) Well-equipped Laboratory, Library and Internet Facilities.
- d) Active professional bodies (CSI, ISTE, ISSE) and established student chapter.
- e) 100% admission and it is consistent from last 3 years.

Weaknesses

- a) R& D and consultancy work has yet to pick up.
- b) To take up R&D projects from funding agencies like DST and AICTE.

Opportunities

- a) State capital city, IT hub are very near at about 15 kms so developing projects will be captured by the department in near future.
- b) Strengthening the research group by interacting with NIT and IIT experts.

Challenges

- a) Deemed Universities such as VIT and SRM Universities are being established surrounding Vijayawada in future need to face challenge from these universities regarding admissions.
- b) Keeping stride with the rapid changes in the technologies.

Future Plans

- a) To acquire NBA accreditation.
- b) To establish a university recognized research centre in the department.
- c) To improve the involvement of faculty and students in R&D activities.

Evaluation Report of Department of Electronics & Communication Engineering

1. Name of the Department: Electronics & Communication Engineering

2. Year of Establishment : 2009

3. Names of Program/Courses offered:

B.Tech - Electronics & Communication Engineering

M.Tech - VLSI Design

4. Names of Inter disciplinary courses and the departments /units involved:

S.No.	Name of the Course	Courses offered by other Departments
1	Electrical Technology, Networks & Electrical Technology Lab	Electrical and Electronics Engineering
2	Data Structures	Computer Science Engineering
3	Environmental Studies, Managerial Economics & Financial Analysis, Management Science	Basic Science and Humanities

5. Annual/semester/choice based credit system (program wise):

- B.Tech (Electronics & Communication Engineering) – Semester based Credit system - Electives for Higher semester.
- M.Tech (VLSI Design) - Semester based Credit system- Electives for Higher semester.

6. Participation of the department in the courses offered by the departments Courses offered by other departments

S.No.	Name of The Course	Courses offered by other departments
1	Microprocessors and Microcontrollers, Microprocessors & Microcontrollers lab, Pulse and digital circuits, EM waves, switching theory and logic design, Linear and Digital IC applications, Basic Electronics and Devices, Electronic Devices and Circuits Lab.	Electrical and Electronics Engineering
2	Microprocessor and Multi core systems, Electronic devices and circuits, Digital logic design lab	Computers and Science Engineering
3	Basic Electrical and Electronics Engineering Lab	Mechanical Engineering

7. Courses in collaboration with other universities, industries, foreign institutions, etc:

NIL

8. Details of courses /programs discontinued (if any) with reasons:

NIL

9. Number of Teaching posts:

Designation	Sanctioned	Filled
Professors	01	01
Associate Professors	03	03
Assistant Professors	24	24

10. Faculty profile with name, qualification, designation, specialization /Ph.D./M.Tech.Etc.):

Sl.No	Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. Students
1	Dr. G L Madhumati	PhD	Professor	Electronics & Communication Engineering	22 Yr	4*
2	Mr V Amareswar	M.Tech	Associate Professor	Digital Systems and Computer Electronics	12 Yr 02 Months	—
3	Mr K Rama Koteswara Rao	M.Tech	Associate Professor	Digital Systems and Computer Electronics	22 Yr	—
4	Mr V Jaya Prakash	M.Tech	Associate Professor	Microwave & Radar Engineering	13 Yr 6 Months	—
5	Mrs K L Sowjanya	M.Tech	Assistant Professor	VLSI System Design	7 Yr	—
6	Mr V Subba Raju	M.Tech	Assistant Professor	VLSI Design	5 Yr 2 Months	—
7	Mr S Chandra Sekhar	M.Tech	Assistant Professor	VLSI System Design	9 Yr 6 months	—
8	Mr K Suresh Babu	M.Tech	Assistant Professor	Digital Systems and Computer Electronics	9Yr	—
9	Mrs V B S Nagini	M.Tech	Assistant Professor	Communications & Signal Processing	12 Yr 6 months	—
10	Mrs M Mythri	M.Tech	Assistant Professor	VLSI Design	6Yr 7Months	—
11	Mr P Rama Krishna	M.Tech	Assistant Professor	Embedded Systems & VLSI	5Yr 1Months	—
12	Mr P Krishna Reddy	M.Tech	Assistant Professor	VLSI Design	5Yr 2 Months	—

13	Mrs Y N Prasanthi	M.Tech	Assistant Professor	Embedded Systems	4Yr 6 Months	—
14	Mrs T Haritha	M.Tech	Assistant Professor	Embedded Systems	3Yr 6 Months	—
15	Mr P Veera Swamy	M.Tech	Assistant Professor	Digital Systems and Computer Electronics	6 Yr 2Months	—
16	Mr A Sivanarayana	M.Tech	Assistant Professor	VLSI Design	3Yr 8Months	—
17	Ms M Mounika	M.Tech	Assistant Professor	MW & Communication Engineering	2 Yr	—
18	Mrs I Pavani Prapurna	M.Tech	Assistant Professor	Wireless Mobile Communications	8Yr	—
19	Mrs Gousia Syed	M.Tech	Assistant Professor	Embedded Systems	6 Yr	—
20	Mrs J Sushma	M.Tech	Assistant Professor	Communication and Signal Processing	17 Yr 5 months	—
21	Mr M Tulasidas	M.Tech	Assistant Professor	Communication and Signal Processing	2 Yr 5 months	—
22	Ms V Sireesha	M.Tech	Assistant Professor	Embedded systems	5 months	—
23	Ms K Sushma Rani	M.Tech	Assistant Professor	MW & Communication Engineering	5 months	—
24	Mrs K Radha	M.Tech	Assistant Professor	VLSI and Embedded Systems	4months	—
25	Mrs R Mahalakshmi	M.Tech	Assistant Professor	VLSISD	8Yr 5 months	—
26	Mr Y Rama Krishna	M.Tech	Assistant Professor	Communications and Signal Processing	2months	—
27	Mr G Veerendra	M.Tech	Assistant Professor	VLSID	2months	—
28	Ms G Sowndarya	M.Tech	Assistant Professor	VLSI & ES	1 Yr 3 months	—

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty: NIL

13. Student-Teacher Ratio (program wise):

UG : (B.Tech) - 1:15

PG: (M.Tech) - 1:12

14. Number of academic support staff (technical) and administrative staff sanctioned and filled:

	Sanctioned	Filled
Academic Support staff(Technical)	05	05
Office Assistant	01	01
Attender	01	01

15. Qualifications of teaching faculty with PhD / M.Tech

No. of Faculty with PhD	No. of faculty pursuing PhD	No. of faculty with PG (M.Tech)
1	1	27

16. Number of faculty with ongoing projects from funding agencies and grants received:

a) National: NIL

b) International: 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 (last four years):**

S. No	Name of the Faculty	No. of Publications
1	Dr G L Madhumati	16
2	Mr V Amareswar	2
3	Mr K Rama Koteswara Rao	-
4	Mr V Jaya Prakash	-
5	Mrs K L Sowjanya	1
6	Mr V Subba Raju	2
7	Mr S Chandra Sekhar	5
8	Mr K SureshBabu	4

9	Mrs VBS Nagini	-
10	Mrs M Mythri	3
11	Mr P Ramakrishna	2
12	Mr P Krishna Reddy	1
13	Mrs YN Prasanthi	1
14	Mrs T Haritha	3
15	Mr P Veera Swamy	2
16	Mr A Sivanarayana	2
17	Ms M Mounika	1
18	Mrs I Pavani Prapurna	2
19	Mrs Gousia Syed	2
20	Mrs J Sushma	-
21	Mr M Tulasidas	1
22	Ms V Sireesha	1
23	Ms K Sushma Rani	1
24	Mrs K Radha	1
25	Mrs R Mahalakshmi	2
26	Mr Y Rama Krishna	-
27	Mr G Veerendra	1
28	Mrs G Sowndarya	2

20. Areas of consultancy and income generated: NIL

21. Faculty as members in

- National Committees: ISTE, ISSE
- International Committees: NIL

22. Student Projects:

- Percentage of students who have done in-house projects including inter departmental/ program: **96.48%**
- Percentage of students placed for projects in organizations outside the institution i.e. in research laboratories/industry/other agencies: **3.52%**

23. Awards/Recognitions received by faculty and students:

a) Faculty:

Mr. K Suresh Babu, Asst.Prof, ECE Department

Received appreciation certificate for Best utilization of Virtual Labs and standing DhaneKula Institute of Engineering & Technology as top 8th rank National wide During Academic year 2015-2016.

b) Students:

2016-17

Sl N o.	Date of event	Event Descripti on	Event Venue	Title	Even t level (Unit / State / Natio nal)	Type of event (Indiv idual/ Team)	Student details		Awa rd
							Student Name	Y e a r	
1	27.01.17 - 28.01.17	Tech- EJIG	DIET	DHAN USK- 2K17	Natio nal	Indivi dual	S.Rohith	II	2 nd prize
2	02.02.17 - 03.02.17	General Quiz	VRSEC	AFOS EC 17	Natio nal	Team	PVSS Haranadh Rahul	II	3 rd prize
3	02-02-17 - 03.02.17	GAB FAB	VRSEC	AFOS EC 17	Natio nal	Team	PVSS Haranadh Rahul	II	1 st prize
4	02.02.17 - 03.02.17	Dare Zone	VRSEC	AFOS EC 17	Natio nal	Team	M Kranthi Kumar Reddy	II	1 st prize
5	02.02.17 - 03.02.17	Dare Zone	VRSEC	AFOS EC 17	Natio nal	Team	B Jeevan Chowdary	II	1 st prize

6	02.02.17 - 03.02.17	Dare Zone	VRSEC	AFOS EC 17	Natio nal	Team	K Bhanu Satya Sai	II	1 st prize
7	27.01.17 - 28.01.17	Tech Captcha	DIET	DHAN USK- 2K17	Natio nal	Team	B Bharat	II	1 st prize
8	27.01.17 - 28.01.17	Tech Captcha	DIET	DHAN USK- 2K17	Natio nal	Team	M Anirudh	II	2 nd prize

2015-16

Sl N o.	Date of event	Event Descripti on	Event Venue	Title	Even t level (Unit / State / Natio nal)	Type of event (Indiv idual/ Team)	Student details		Awa rd
							Student Name	Y ea r	
1	26.02.16 - 27.02.16	Paper presentati on	DIET	DHAN USH- 2K16	Natio nal	Team	K Sri Harathi	II	2 nd prize
2	26.02.16 - 27.02.16	Circuit Pool	DIET	DHAN USH- 2K16	Natio nal	Team	A Sandeepthi	I	1 st prize
3	26.02.16 - 27.02.16	Circuit Pool	DIET	DHAN USH- 2K16	Natio nal	Team	S Sri Sravya	II	2 nd prize
4	15.09.15	Poster presentati on	DIET	National Enginee r's Day	Unit	Team	Md. Suraya Nasreen	II	1 st prize
5	15.09.15	Poster presentati on	DIET	National Enginee r's Day	Unit	Team	Ch. Uma Maheswari	II	2 nd prize
6	26.02.16 - 27.02.16	Tech Thought	DIET	DHAN USH- 2K16	Natio nal	Indivi dual	P Eswar	II I	2 nd prize
7	26.02.16 - 27.02.16	Essay Writing	DIET	DHAN USH- 2K16	Natio nal	Indivi dual	B J Sri Harsha	II I	2 nd prize

8	26.02.16 - 27.02.16	Technical Quiz	DIET	DHAN USH-2K16	National	Team	B Bharat	I	1 st prize
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2014-15

Sl No .	Date of event	Event Description	Event Venue	Title	Event level (Unit / State / National)	Type of event (Individual/ Team)	Student details		Award
							Student Name	Year	
1	15.09.14	Elocution	DIET	National Engineer's Day	Unit	Individual	R Mounica	IV	1 st prize
2	15.09.14	Poster presentation	DIET	National Engineer's Day	Unit	Individual	R Mounica	IV	1 st prize
3	16.03.15	Poster presentation	NIT Kurukshetra	SAPIE NCE-2015	National	Team	G.N.V.S Sai Naveen	II	1 st prize
4	15.09.14	Elocution	DIET	National Engineer's Day	Unit	Individual	K Madhuri	IV	2 nd prize
5	11.11.14	Essay writing	DIET	Dhanekula Samskruthi	Unit	Individual	P Sai Srujan	I	2 nd prize
6	11.11.14	Slogan writing	DIET	Dhanekula Samskruthi	Unit	Individual	K Madhuri	IV	1 st prize
7	31.01.15	Short story writing	DIET	Dhanekula Samskruthi	Unit	Individual	Alluri .Sravya	III	2 nd prize

8	31.01.15	Comedy event	DIET	Dhane kula Samskr uthi	Unit	Indivi dual	N.Naga Srinivas	III	1 st prize
9	05.02.15	Drawing	DIET	Dhane kula Samskr uthi	Unit	Indivi dual	A.Navya Sai	II	1 st prize
10	05.02.15	Drawing	DIET	Dhane kula Samskr uthi	Unit	Indivi dual	S.Yamini	III	2 nd prize

2013-14

Sl No.	Date of event	Event Description	Event Venue	Title	Event level (Unit / State / National)	Type of event (Individual/ Team)	Student details		Award
							Student Name	Year	
1	04.01.14 - 05.01.14	Paper Presentation	Usha Rama College of Engg	YOUR FEST 2K13	Natio nal	Team	M SanthiPriya	II I	1 st prize
2	04.01.14 - 05.01.14	Paper Presentation	Usha Rama College of Engg	YOUR FEST 2K13	Natio nal	Team	E Mounika	II I	1 st prize

24. List of eminent academicians and scientists/visitors to the department:

2016-17

S. No	Name of the academician/Scientist/visitor	Date of Visit	Designation	Organization	Purpose of Visit
1	Dr.Nita Fiona Nagubadi,Mr.Mukul Sarang	30.12.16	CEO	Life Styles Channels in Chicago	Seminar
2	R.K.Lakshmanan	03.09.16	Mentor	Youth Organization	General

					Seminar
3	Sridhar Nori	04.08.16	Asst Professor	Dronacharya institute of Engg& tech	Webinar
4	P.V Hari Prasad, N. Ashok	02.02.16 - 05.02.16	Associate Professor	DIET	Workshop
5	Dr. Shanthi Pavan	27.01.17	Professor, Department of Electrical Engineering	Indian Institute of Technology, Madras, Chennai, India-600036.	Chief Guest for Inauguration of DHANUSH – 2K17
6	Dr. Gopal Pingali	28.01.17	Vice President and Distinguished Engineer	IT Solutions Development, Bangalore, India	Chief Guest for Valedictory session of DHANUSH – 2K17
7	Dr. J. Lakshmi Narayana	27.01.17	Professor & Head, Dept. of ECE	PSCMR College of Engineering & Technology,	Expert Judge for Paper Presentation

2015-16

S No	Name of the academician/Scientist/visitor	Date of Visit	Designation	Organization	Purpose of Visit
1	L.Venu Gopal	15.02.16	Sr. Technical. Consultant	Lorang Technologies	Workshop
2	Mr. Vasudev Kamath	08.02.16	Verbal Academic Head	Think & Learn Pvt.Ltd	Guest Lecture
3	Kishore Prabhala	01.03.16	Director	PSK VLSI Design Center	Guest Lecture
4	Dr.Chandan Varma	22.02.16	R&D Engineer	Wingfo Tech Excellence	Workshop
5	P.Kalee Prasad	06.01.16	Sr. Engineering Assistant	Doordharsan	Guest Lecture
6	B. Kranthi Kumar	27.01.16	Managing director	QUE Technologies	Workshop
7	B. Kranthi Kumar	09.10.15	Managing director	QUE Technologies	Guest Lecture
8	Dr.GaneshIyer	08.10.15	Sr. Principal Engineer	Progress Soft Development, Hyd	Guest Lecture
9	Md Naseer	22.09.15	Technical Trainer	Edgate Technologies, Bangalore	Training

10	Dr. T. Haritha	26.02.16	Professor in Dept. of ECE	P.V.P.Siddhartha Institute of Technology	Expert Judge for Paper Presentation
11	Dr. K. N.Prakash	26.02.16	Professor in Dept. of ECE	Lakireddy Bali Reddy College of Engineering	Expert Judge for Paper Presentation
12	Sri G.Venkateswara Rao	19.03.16	Chief Operating Officer	KCP Sugars, Vuyyuru CII Chairman, Vijayawada	Annual Day Celebrations
13	Sri Dasaradha R Gude	19.03.16	Chairman & CEO	Invecas Technologies Pvt. Ltd, Hyderabad	Annual Day Celebrations

2014-15

SNo	Name of the academician/Scientist/visitor	Date of Visit	Designation	Organization	Purpose of Visit
1	Mr.Adarsh	27.01.15 - 28.01.15	Trainer	Spark Lab	Workshop
2	J Prem Kumar	23.01.15	Sr. Application Engineer	Academy of design & Architecture	Seminar
3	Mani Mohan Trinadh	29.10.14	Research Scholar	IIT HYD	Workshop
4	B. Kranthi Kumar	17.11.14 - 20.11.14	Managing director	QUE Technologies	Workshop
5	R. Chandra Kumar	02.07.14	Executive Director	BEL Bangalore	Seminar
6	Dr G Satheesh Reddy	03.03.15	Distinguished Scientist Director,	Research Centre Imarat (RCI	Chief Guest for Inauguration of DHANUSH – 2K15

7	Dr. A. Guruva Reddy	03.03.15	Professor & Head, Dept. of ECE	DVR & DHS MIC College of Technology,	Expert Judge for Paper Presentation
8	Prof. M.Srinivasa Rao	03.03.15	Associate Professor , Dept. of ECE	P.V.P.Siddhartha Institute of Technology	Expert Judge for Paper Presentation
9	Sri Kuchibhotla Anand	27.03.15	Chairman, KuchipudiNatyaramam, Govt. of AP	Chairman, KuchipudiNatyaramam Govt. of AP	Annual Day Celebrations
10	Sri. Satya Thopalli	27.03.15	Vice President HR	Tech Mahindra	Annual Day Celebrations

2013-14

SN o	Name of the academician/Scientist/visitor	Date of Visit	Designation	Organization	Purpose of Visit
1	Mr.Deepak, Sainadh	25.03.14 - 27.03.14	Trainers	Intel	Workshop
2	Dr.Anil Kumar	05.07.13	Asst Professor	IIT Hyd	Seminar
3	Mr.SriKishan	21.08.13 - 23.08.13	Application Engineer	Cadence Design systems, Bangalore	Training
4	Venkat Sunkara	15.07.13	CEO	CHIPEOGE Technologies Pvt.Ltd	Seminar
5	Srikanth	25.06.13	Electronics Engineer	Indo Global Services, Hyd	Workshop
6	Prof.	25.02.1	Former Director	Distinguished Fellow	Guest lecture

	B.L.Deekshatulu	3	& Distinguished Scientist, NRSC	IDRBT RBI-Govt. of India	
7	Hon'ble Mr. Justice JastiChelameswar	09.03.13	Hon'ble Judge, Supreme Court of India	Hon'ble Judge, Supreme Court of India, New Delhi	Annual Day Celebrations 2012-2013
8	Sri K. Ajay Kumar	09.03.13	IRS, Commissioner of Income Tax, Vijayawada	IRS, Commissioner of Income Tax, Vijayawada	Annual Day Celebrations 2012-2013
9	Dr. M. Kamaraju	02.04.14	Professor & Head, Dept. of ECE	GudlavaluruEngineering College, Gudlavaluru	Expert Judge for Paper Presentation
10	Dr. S.SriGowri	02.04.14	Professor & Head, Dept. of ECE	SRK Institute of Technology, Enikepadu, Vijayawada.	Expert Judge for Paper Presentation
11	Sri. K.V. Chowdary	05.04.14	Central Vigilance Commissioner	Central board of excise and customs, Dept. of Revenue, Ministry of Finance, Government of India	Annual Day Celebrations 2013-2014

25. Seminars/Conferences/Workshops organized & the source of funding:

a) National

2016-17

Sno	Name of the Seminar/Conference/Workshop	Date(s)	Source of funding
1	Global Working Skills	30.12.16	DIET
2	Touching borders Touching lives	03.09.16	DIET
3	DIP Concepts and techniques using MATLAB	04.08.16	DIET
4	Workshop on C-language, Data Structures, OOPS and JAVA	02.02.16-05.02.16	DIET

2015-16

Sno	Name of the Seminar/Conference/Workshop	Date(s)	Source of funding
1	Technical Training session for Amazon eligible students	15.02.16	DIET
2	GRE Verbal Preparation	08.02.16	DIET

3	Advanced VLSI Design Systems	12.03.16	DIET
4	Internet of Things	22 & 23.02.16	DIET
5	Modern Trends in Broadcasting	06.01.16	DIET
6	PCB Designing & Testing	27.01.16- 02.02.16	DIET
7	Wireless Comm. & Sensor Networks	09.10.15	DIET
8	Cloud Computing	08.10.15	DIET
9	Training on TMS320C6713 DSP Kit	22.09.15	DIET

2014-15

Sno	Name of the Seminar/Conference/ Workshop	Date(s)	Source of funding
1	Robotics Workshop	27.01.15- 28.01.15	DIET
2	MATLAB Seminar	23.01.15	DIET
3	Future Opportunities in Nano technology	29.10.14	DIET
4	Two day workshop on PCB Design of Electronic Circuits	17.11.14- 25.11.14	DIET
5	Electronic trends present & future: Defense electronics	02.07.14	DIET

2013-14

Sno	Name of the Seminar/Conference/ Workshop	Date(s)	Source of funding
1	Intel Intelligence Embedded System	25.03.14 -27.03.14	DIET
2	Automatic speech recognition	05.07.13	DIET
3	Installation of Cadence tools	21.08.13-23.08.13	DIET
4	Latest Trends & Opportunities in Electronic industry	15.07.13	DIET
5	PCB Design on Electronics Circuits	24.06.13 -25.06.13	DIET

b) International: NIL

26. Student profile program/course wise:

Student profile course wise:
B.Tech (ECE)

Course	Year	Seme ster	Enrolled					Pass Percentage
			Male	Female	Total	Pass	Fail	
Electrical Technology	II	I	65	74	139	125	14	89.92
Networks & Electrical Technology Lab	II	I	65	74	139	138	01	99.28
Data structures	II	I	65	74	139	124	15	89.21
Environmental studies	II	I	65	74	139	128	11	92.08
Managerial Economics & Financial Analysis	II	I	65	74	139	116	23	83.45
Management Science	II	II	63	74	137	133	04	97.08

**Student profile program wise:
B.Tech (ECE)**

Year	Application s received	Selected (Number Admitted including Lateral Entry)	Registered	Enrolled		Pass percentag e
				Male	Female	
2009-13	*	66	51	33	33	86.3
2010-14	*	72	61	34	38	81.96
2011-15	*	144	129	76	68	74.41
2012-16	*	140	134	50	90	79.85

*Admissions are through EAMCET/PGECET counseling of AP State Govt.

27. Diversity of Students:

B.Tech (ECE)

Year of Admission	% students from the same State	% students from the other State
2016	100	NIL
2015	100	NIL
2014	100	NIL

2013	99.3	0.7
2012	100	NIL
2011	98.6	1.4

M.Tech (VLSID)

Year of Admission	% students from % the same State
2016	100
2015	100
2014	100
2013	100
2012	100

28. How many students have cleared national and state competitive examinations such as GATE, GRE etc.?

Name of the Competitive examination	No. of students qualified				
	2016-17	2015-16	2014-15	2013-14	2012-13
GATE	-	-	-	1	2
GRE	-	3	1	5	-

29. Student progression:

Student progression	Year	No. of Students
UG to PG	2012-16	3
	2011-15	1
	2010-14	5
	2009-13	0
Employed	2016-17	17
	2015-16	1
	2014-15	4
	2013-14	5
	2012-13	3

30. Details of Infrastructural facilities:

a) Library:

Central Library - 1248 Sqm with 12000 volumes a

Department Library - 52 sq feet - 200 volumes

b) Internet facilities for Staff & Students:

1. Netlinx 30 mbps (1:1)
2. BSNL 6 mbps (1:1)
3. BSNL 10 mbps broad band line under NIMCET Project
4. Wifi facility

c) Classrooms with ICT facility: 6

d) Laboratories:

Sl. No.	Lab Name	Area (sq. m)
1	Electronic Devices & Circuits Lab	130
2	Pulse and digital circuits Lab	130
3	Electronic Circuit Analysis lab	73
4	Analog Communication Lab	73
5	Digital communications lab	73
6	IC Applications Lab	73
7	Microprocessor & Micro Controller Lab	130
8	DSP Lab and DSD & DICA Lab	130
9	Microwave & Optical Communication Lab	73
10	VLSI Design Lab-I	73
11	VLSI Design Lab-II & Research Lab	73

31. Number of students receiving financial assistance from college, university, government or other agencies:

Agency	No. of students received financial assistance				
	2016-17	2015-16	2014-15	2013-14	2012-13
Government	341	334	316	273	227

32. Details on student enrichment programs (special lectures / workshops /seminar) with external experts:**2016-17**

Title of the program	Special lectures/ workshops/seminars	Date(s)	No. benefited
Global Working Skills	Seminar	30.12.16	240
Touching borders Touching lives	Seminar	03.09.16	120
DIP Concepts and techniques using MATLAB	Webinar	04.08.16	120
Workshop on C-language, Data Structures, OOPS and JAVA	Workshop	02.02.16-05.02.16	54

2015-16

Title of the program	Special lectures/ workshops/seminars	Date(s)	No. benefited
Technical Training session for Amazon eligible students	Workshop	15.02.16	95
GRE Verbal Preparation	Guest Lecture	08.02.16	120
Advanced VLSI Design Systems	Guest Lecture	12.03.16	180
Internet of Things	Workshop	22.02.16-23.02.16	120
Modern Trends in Broadcasting	Guest Lecture	06.01.16	150
PCB Designing & Testing	Workshop	27.01.16-02.02.16	180
Wireless Comm. & Sensor Networks	Guest Lecture	09.10.15	120
Cloud Computing	Guest Lecture	08.10.15	120
Training on TMS320C6713 DSP Kit	Training	22.09.15	120

2014-15

Title of the program	Special lectures/ workshops/seminars	Date(s)	No. benefited
Robotics Workshop	Workshop	27.01.15-28.01.15	240
MATLAB Seminar	Seminar	23.01.15	240
Future Opportunities in Nano technology	Workshop	29.10.14	120
Two day workshop on PCB Design of Electronic Circuits	Workshop	17.11.14 - 25.11.14	240
Electronic trends present & future: Defense electronics	Seminar	02.07.14	240

2013-14

Title of the program	Special lectures/ workshops/seminars	Date(s)	No. benefited
Intel Intelligence Embedded System	Workshop	25.03.14 to 27.03.14	300
Automatic speech recognition	Seminar	05.07.13	120
Installation of Cadence tools	Training	21.08.13-23.08.13	50
Latest Trends & Opportunities in Electronic industry	Seminar	15.07.2013	120
PCB Design on Electronics Circuits	Workshop	24.06.13 & 25.06.13	123

33. Teaching methods adopted to improve student Learning:

- Blackboard teaching in all classrooms
- Power point presentations/Video lectures/OHPs are arranged to the students by the concerned faculty.
- Providing extra content to fill the gap between academic and industry
- Easy access to the notes of each subject from department library
- Encouraging the students to deliver a seminar on topic related to subject in the allotted period.
- Delivering staff seminars on advanced topics
- Arranging workshops/guest lecturers to students by eminent personalities from academic institutions and Industry to enhance the knowledge of student
- Involving the students in technical expo/exhibition to develop the application of electronics
- Arranging Industrial Visits
- NPTEL lectures from IIT and other professors

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

a) NSS activities:

2016-17

Name of the Activity	Venue	Date(s)	No. of students participated
Fund Rising for Hari Krishna	DIET	06.04.16	48
Impact Personality Development Program	Siddhartha Arts Auditorium	24.01.16 – 25.09.16	44
Fund Rising for IAB & Mothers Concern	DIET	17.09.16	80
Krishna Puskar Sevak	SitammaPadalu, Apron Area	12 to 23.08.16	35
Mega Blood Donation Camp	DIET- T&P Hall	05.08.16	30
Cashless Economy -Awareness	DIET- Kankipadu&Madduru	16.12.16 - 16.02.17	15
Amaravathi Marathon	IMS-VJA	08.01.17	101
Blood Donation Camp	DIET –T&P Hall	07.12.16	22
Fund Raising for ZillaSinik Welfare	DIET	26.10.16	98

2015-16

Name of the Activity	Venue	Date(s)	No. of students participated
Awareness Program on Digilocker	DIET	03.07.15	28
Elouction – Godavari MahaPruskaram	DIET	15.06.15-16.06.15	31
Rally on World Organ Donation Day	DIET	06.08.15	7
Blood Donation Camp	DIET	14.10.15	43
Healthy Heart	DIET	22.12.16	137
Amaravathi Marathon	Deep Trust	10.01.16	22
Helping Hand – Fund Rising Activity	DIET	13.02.2016	61

2014-15

Name of the Activity	Venue	Date(s)	No. of students participated
Walk for Vote – Rally	Krishna District Elections Authority	04.05.14	108
General Elections –2014	Krishna District Elections Authority	01.05. 14	42
Road Safety Awareness Program	DIET	23.07.14	400
Seemandhra Development Contest	Usharama Engineering College	19.07.14	6
Chandranna Sankranthi Padakam	Ap Government – DhukanaKendras	14.01.15	13
Mega Blood Donation Camp	DIET	17.01.15	150 Donated & 1200 Tested Their Groups

2013-14

Name of the Activity	Venue	Date(s)	No. of students participated
Health Check Up Camp	DIET	25.07.13	13
Voters Registration Awareness	DIET	10.12.13	118
National Youth Run	Ims-Vja	11.09.13	10
Root Health Foundation -5k Walk	Ims-Vja	02.02.14	16

**b) Training imparted to the local public:
2016-17**

Name of the Activity	Venue	Date(s)	No. of students participated
Krishna Puskar Sevak	SitammaPadalu, Apron Area	12.08.16-23.08.16	71
Cashless Economy –Awareness	Ims-Vijayawada	16.12.16	500
Training Program to villagers on Cash Less Transactions	Madduru, Kankipadu Village	01.12. 16	56

**c) NCC Activities
2015-16**

Name of the Activity	Venue	Date(s)	No. of students participated
Swatch Bharath Program	NCC, Kanuru	11.01.16	30
In Campus College Flag Hoisting March Past on Republic Day	DIET, Ganguru	26.01.16	50
Save Girl Child Rally	Marie Stella College	24.01.16	15
5km Mini Marathon Run	NCC, Kanuru	24.01.16	5
Human Rights Day Rally at V R Siddhartha College	DIET, Ganguru	10.12.15	50
Social Awareness Programme & Community Development Activities	1(A) Eme Coy NCC, Kanuru	12.11.15	35

Social Awareness Programme in Deaf & Dumb School	Madonna Deaf & Dumb School, Gunadala	21.10.15	30
Swatch Bharath Programme in DIET	DIET, Ganguru	26.09.16	50
In Campus College Flag Hoisting March Past on Independence Day	DIET, Ganguru	15.08.15	50
Attending Catc Camp - V	8(A) Naval Unit, Vijayawada	27.07.15	25

2014-15

Name of the Activity	Venue	Date(s)	No. of students participated
NCC Rally On “World Anti Tobacco Day”	3 Andhra R & V Unit, Gannavaram.	31.05.14	10
Tree Plantation On “World Environment Day”	APSRMCH School, Krishnalanka, Vijayawada.	05.06.14	12
Bike Rally On “Social Awareness Programme (Road Safety)”	Vijayawada	22.07.14	48
March Past	August 15 Celebrations in Our College	15.08.14	30
Rural Sanitation Programme	PB Siddhartha Arts & Science College to Andhra Loyola College	15.11.14	23
Visit of School for Visually Challenged Children/Orphanages	Madonna Deaf & Dumb High School, Gunadala	21.11.14	12
March Past	January 26th Republic Day Celebrations in Our College	26.01.15	30
Swatch Bharath Program	Kanuru	17.02.14	10

35. SWOC analysis of the department and Future plans:

Strengths

- Experienced and qualified faculty
- Retention of senior faculty
- Committed Technical Supporting Staff
- State of the art laboratories and facilities
- Systematic monitoring of teaching-learning process
- MOU with Texas instruments Pvt Ltd.
- 100% Intake of students.

Weaknesses

- More number of Add-on courses to be organized for outcome based education.
- Research and consultancy need to be improved
- Need to Improve Industry Institute Interaction.

Opportunities

- Industry standard tools (Cadence tools, Xilinx, Mentor graphics tools etc.) are available in the department, which helps to update the state of art technology for widening the attainment and improving the effectiveness of the department.
- A highly encouraging management that promotes initiatives in research and career development adds quality to the opportunity given to the department.
- The department is equipped with contemporary laboratory equipment's required for the excellent growth of students.

Challenges

- Competition from other institutions.
- Tendency of students to prefer computer based research over experimental research.
- Because of less Job opportunities available in the core sector, students are more interested in IT sector and Banking Sector jobs.

Future Plans

- MOU with industries and research organizations for the purpose of industry interaction to share the resources in terms of teaching, career guidance on immediate employability, placements etc.
- To get the accreditation from national boards like NAAC and NBA.

Evaluation Report of Department of Electrical & Electronics Engineering

1. Name of the Department: Electrical & Electronics Engineering

2. Year of Establishment: 2009

3. Names of Programs / Courses offered

(UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

S.No	Course	Specialization
1	UG - B.Tech	Electrical & Electronics Engineering

4. Names of Interdisciplinary courses and the departments/units involved:

S.No	Course	Department
1	Complex Variables and Statistical Methods	BS&H
2	Environmental Studies	
3	Intellectual Property Rights & Patents	
4	Management Studies	
5	Managerial Economics & Financial Analysis	
6	Thermal & Hydro Prime Movers	ME
7	Thermal & Hydro Lab	
8	Basic Electronics & Devices	ECE
9	Pulse & Digital Circuits	
10	Linear & Digital IC Applications	
11	Switching Theory & Logic Design	
12	Micro Processors & Micro Controllers	
13	Basic Electronics & Devices Lab	
14	Micro Processors & Micro Controllers Lab	CSE
15	Artificial Intelligence Techniques	

5. Annual/ semester/choice based credit system (program wise):

B.Tech – Electrical and Electronics Engineering – Semester Based - Credit System –
Electives from Higher Semesters

6. Participation of the department in the courses offered by other departments:

S.No	Course	Subject Code	Departments Offered
1	Basic Electrical & Electronics Engineering	RT21011 RT21011	CE ME
2	Basic Electrical & Electronics Lab	RT21036	ME

3	Electrical Technology	RT21045	ECE
4	Networks & Electrical Technology Lab	RT21047	ECE
5	Network Analysis	RT13211	ECE
6	Control Systems	RT31043	ECE

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: NIL

8. Details of courses/programs discontinued (if any) with reasons: NIL

9. Number of teaching posts:

Designation	Sanctioned	Filled
Professors	01	01
Associate Professors	01	01
Asst. Professors	11	11

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S.No	Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D Students Guiding
1	Dr Y.Kusuma Latha	Ph.D.	Professor	Control Systems	11	05
2	I Sairam	M.Tech. (Ph.D)	Assoc.Prof. &HOD	Advanced Power Systems	18	NIL
3	V Bindu	M.Tech.	Asst.Prof.	Power Electronics	9	NIL
4	S Raghavendra	M.Tech.	Asst.Prof.	Power Electronics	10	NIL
5	V Komali	M.Tech.	Asst.Prof.	Power System control and automation	7	NIL
6	P T Krishna Sai	M.Tech.	Asst.Prof.	Power Electronics & Electrical Drives	7	NIL
7	M Sirisha	M.Tech.	Asst.Prof.	Control Systems	7	NIL
8	B Santosh Kumar	M.Tech (Ph.D).	Asst.Prof.	Power Electronics	7	NIL
9	Ch Anil Kumar	M.Tech.	Asst.Prof.	Power Electronics & Electrical Drives	5	NIL
10	P Deepthi	M.Tech.	Asst.Prof.	Power Electronics & Power Systems	6	NIL
11	T Venkateswara Rao	M.Tech.	Asst.Prof.	Power Electronics & Electrical Drives	6	NIL
12	G Sree Lakshmi	M.Tech.	Asst.Prof.	Power Electronics	1	NIL
13	V Naga Swetha	M.Tech.	Asst.Prof.	Power Systems	1	NIL

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty: NIL

13. Student -Teacher Ratio (program wise): UG: B.Tech (EEE) 15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Post	Sanctioned	Filled
Office Assistant	01	01
Academic Support Staff	03	03
Attender	01	01

15. Qualifications of teaching faculty with Ph.D/ PG.:

S.No	Qualification	No. of Faculty
1	Ph.D	01
2	PG	12

16. Number of faculty with ongoing projects from National, International funding agencies and grants received: 1**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:****Publications of Faculty:**

- Number of papers published in peer reviewed journals: 41
(National/International)
- International Journals: 29
- International Conference: 08
- National conference: 03
- National journal: 01

20. Areas of consultancy and income generated: NIL**21. Faculty as members in: a) National committees b) International Committees
c) Editorial Board**

National Committee	ISSE, ISTE, MIE, IETE
International Committee	IEEE

22. Student Projects:

- a) Percentage of students who have done in-house projects including inter departmental/program: 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: 14

SI No	Date of event	Event Description	Event Venue	Title	Event level (Unit / State / National)	Type of event (Individual/Team)	Student details		A W A R D S
							Name	Year	
1	18/02/2017	Circuit debugging	NRIIT	SunNRIse	National	Individual	D.Naga Thirumal	III	I

2	2,3-Feb-2017	Technical Quiz	V.R.Sidhartha	AFOS EC-2K17	National	Individual	Ch.Dana Rao	III	II
3	27&28-Jan 2k17	Theme Ballet	DIET	Dhanush-2K17	National	Individual	R.Kalyan	IV	I
4	27&28-Jan 2k17	Face painting	DIET	Dhanush-2K17	National	Individual	B.Pradeep	IV	I
5	27&28-Jan 2k17	Basic concepts	DIET	Dhanush-2K17	National	Individual	N.E.V.N.Ravi Teja	IV	I
6	24-09-2016	Poster presentation	ALIET	Epistemicon 2K16	National	Individual	Sk.Khaja Mohiddin	III	I
7	24-09-2016	Poster presentation	ALIET	Epistemicon 2K16	National	Individual	A.Kumar Sai	III	I
8	18&19-Mar-2k16	Project expo	Sree Saritha college	SARATHI FEST 2K15	National	Team	Sk.Khaja Mohiddin	II	II
9	18&19-Mar-2k16	Paper presentation	Sree Saritha college	SARATHI FEST 2K15	National	Team	B.V.Kiran kumar	III	II
10	11&12-March 2016	Theme ballet	SRKIT	Explore Meet-2K16	Unit	individual	Manasa Gullapalli	III	II
11	03.09.2012	Technical writing	ISHRE	ISHRE	National	Team	A.Pallavi	III	II
12	03.09.2012	Technical writing	ISHRE	ISHRE	National	Team	D.Mamatha	III	II
13	17-12-2011	Premier Remix	DIET	CYBORGE 2011	Unit	individual	N.Rajendra	I	I
14	03.12.2011	Paper presentation	DIET	Evolution-2K11	Unit	individual	GKishore	I	I

24. List of eminent academicians and scientists/ visitors to the department

S.No	Name	Designation
1	Dr.G.Tulasi Ram Das	Vice Chancellor JNTUK JNT University, Kakinada
2	Mr.D.K.R.K Ravi Prasad	Additional General Manager BEL Machilipatnam
3	Mr.V.S. Rao	Director,BITS Pilani, Hyd
4	Mr.G. Raghavendra Rao	General Manager, BEL Machilipatnam
5	Mr.K. V. Chowdary	Central Vigilance commissioner

6	Dr.G. Satheesh reddy	Director,Research center Imarat, Hyderabad
7	Dr. Udaya Bhaskar	Director JNTUniversity, Kakinada
8	Mr.Dasaradh R Gude	Founder chairman Managing director Soctronics Tech Pvt Ltd Hyderabad
9	Dr.Shanthi Pavan	Electrical Engineering IIT Madras
10	Dr.D.P.Kotari	Retd Professor, Nagpur University
11	Dr. P V R L Narasimham	Prof. & Head, VRSEC
12	Dr. B.Sambasiva Rao	Prof. & Head, NRIA
13	Mr. B Madhu Kiran	Assoc. Prof. & Head, PSRCMET
14	Dr.M.Ramesh	Assoc. Prof. PVPSIT
15	Dr. M.Venu Gopal	Prof. & Head,PVPSIT
16	Dr. J Uday Bhaskar	Prof. & Head, DMSSVHCE
17	Dr.T.Vamsi Kiran	Prof. & Head, MIC College
18	Dr. Aftab Alam	Associate Professor IIT Bombay
19	Dr. V.S.Mani	Scientist, Material Science, Hyderabad
20	Dr.A.Naresh	Professor , MIC College
21	Dr.S.Sivanagaraju	Professor, JNTUniversity, Kakinada
22	Dr.K.Venkata Reddy	Professor, JNTUniversity, Kakinada

25. Seminars/ Conferences/Workshops/Guest Lectures organized & the source of funding: a) National b) International

S.No	Date	Event	Source of Funding
1	3/10/2011	Guest lecture on Energy conservation for national growth -APSEB Program by Mr.Ganapathi, Cheif engineer APSEB, State Board	DIET
2	01/03/2013-02/03/2013	Workshop on Solar PV Systems	DIET
3	13/03/2013	Guest Lecture on Energy and Environmental facing the third world of their probable solutions by Professor Dr.D.P.Kothari, Nagpur University	DIET
4	04/08/2014-05/08/2014	International Conferences EEECOS	DIET, SH Foundation
5	19/08/2015-20/08/2015	Guest Lecture on trasformers and substations by B.Raju, D.E, KTPS, Kottagudem.	DIET
6	14/03/2016-15/03/2016	Workshop on Design and calculation of Solar Energy on PV panels by V.Purushotham	DIET
7	21/03/2016	Guest Lecture on function of boilers by B.Srinivas Rao, A.D.E, Dr.NTTTPS, Vijayawada.	DIET
8	17/09/2016	Guest Lecture on distribution systems and turbo generator by B.Raju, D.E, KTPS, Kottagudem	DIET
9	23/09/2016	Guest Lecture on Overview of thermal power plants by B.Srinivas Rao, A.D.E, Dr.NTTTPS, Vijayawada.	DIET
10	20/12/2016	Guest Lecture on necessity of enhancing energy efficiency in present scenario by M.Durga Prasad, Retd CE APSPDCL, ENERGY CONSERVATION	DIET

		WEEK	
11	27/01/2017	Guest Lecture on overview of electrical trends in modern world by Dr. K.Venkata Reddy, JNTUK	DIET

26. Student profile program/course wise:

Name of Program	Academic Year	Applications Received	Selected	Enrolled Male	Enrolled Female	No. of Passed/ Appeared	Pass %
B.Tech	2009-2013	66	66	43	23	45/52	86.5
	2010-2014	71	71	45	26	55/66	83.33
	2011-2015	72	72	53	19	58/67	86.56
	2012-2016	67	67	42	23	44/54	81.48

Student profile course wise:

Name of Course	Academic Year	Applications Received	Selected	Enrolled Male	Enrolled Female	No of Passed	Pass %
Complex Variables and Statistical Methods	2015-2016	60	60	40	20	49	81.7
Environmental Studies	2015-2016	59	59	39	20	58	98.3
Intellectual Property Rights & Patents	2015-2016	69	69	44	25	66	95.7
Management Studies	2015-2016	69	69	44	25	66	95.7
Managerial Economics & Financial Analysis	2015-2016	69	69	44	25	69	100
Thermal & Hydro Prime Movers	2015-2016	61	61	39	22	47	77
Thermal & Hydro Lab	2015-2016	61	61	39	22	61	100
Basic Electronics & Devices	2015-2016	61	61	39	22	53	86.9
Pulse & Digital Circuits	2015-2016	59	59	39	20	48	81.4

Linear & Digital IC Applications	2015-2016	69	69	44	25	61	88.4
Switching Theory & Logic Design	2015-2016	59	59	39	20	51	86.4
Micro Processors & Micro Controllers	2015-2016	69	69	44	25	55	79.7
Basic Electronics & Devices Lab	2015-2016	60	60	40	20	60	100
Micro Processors & Micro Controllers Lab	2015-2016	54	54	34	20	54	100
AI Techniques	2015-2016	54	51	31	20	51	100

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 2016	100%	NIL	NIL
B.Tech 2015	100%	NIL	NIL
B.Tech 2014	100%	NIL	NIL
B.Tech 2013	98%	2%	NIL
B.Tech 2012	100%	NIL	NIL
B.Tech 2011	99%	1%	NIL
B.Tech 2010	100%	NIL	NIL
B.Tech 2009	100%	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

S.No	Academic Year	Name of the Competitive Exams	No. of Students Cleared
1	2009-13	GATE	0
		GRE	4
		PGECET/ICET	6
2	2010-14	GATE	0
		GRE	1
		PGECET/ICET	3
3	2011-15	GATE	1
		GRE	1
		PGECET/ICET	3

4	2012-16	GATE	0
		GRE	0
		PGECET/ICET	1

29. Student Progression

Student progression	No. of Students			
	2009-13	2010-14	2011-15	2012-16
UG to PG	24	18	13	4
Employed	19	24	25	12
Entrepreneurship/Self Employed	NIL	NIL	NIL	NIL

30. Details of Infrastructural facilities

a) Library: Central Library: Plinth Area: 1248 Sqm Volumes: 2500
Department Library: Plinth Area: 66 Sqm Volumes: 075

b) Internet facilities for Staff & Students:

Wi-Fi enabled Campus with Internet speed of 46 Mbps (10 Mbps BSNL + 6 Mbps BSNL LAN + 30 Mbps Netlinx)

c) Class rooms with ICT facility:

Rooms	No of Rooms	Facilities Available
No. of Class Rooms	04	Benches, fans, Tube lights, Glass Board, Projector, Chalks & Duster
No. of Tutorial Rooms	01	Benches, fans, Tube lights, Glass Board, Chalks & Duster
Seminar Hall	01	LCD Projector, Air Conditioners, Tube Lights, Fans, Glass Board, White Board, Goose Neck Mic, Collar Mic, Good Quality PA system with Speakers

d) Laboratories:

S.No	Physical Lab	Floor Area (Sq.Mts.)
1	Electrical Machines Lab-I	108.42
2	Electrical Machines Lab-II	108.42
3	Network Lab	108.42
4	Basic Electrical Engineering Lab	108.42
5	Electrical Technology Lab	108.42
6	Control Systems	95.79
7	Power Electronics Lab	95.79
8	Electrical Measurements Lab	95.79
9	Power Systems Lab	66.89

10	Electrical Simulation Lab	148
11	R&D Lab	35
12	Project Lab	66.89

31. Number of students receiving financial assistance from college, university, government or other agencies:

S.No.	Academic Year	No. of Students	Financial Assistance
1	2012-13	159	Government
2	2013-14	161	
3	2014-15	160	
4	2015-16	152	

32. Details on student enrichment programs (special lectures / workshops /seminar) with external experts:

Title of the program	Special lectures/ workshops/seminars	Date(s)	No. benefited
Electronic trend present & future defence electronics	R. Chandra kumar	02.07.2014	130
Mathematics application in science & engineering	Dr. T. V. K Iyengar	07.07.2014	180
C interview based questions	A .srinvas	05.08.2014	55
SAP skills	Ravi kiran	09.08.2014	55
Skills & development of future engineers	Mohangiri	04.09.2014	60
Personality development	Dr. P.V. Mani,samantho,dr, alm akthar	03.10.2014	41
Soft skills	Venkata poolabala	18.03.2015	10
Importance of GATE exam	Mr . mann Abraham	19.03.2015	68
Role of apps & software in the field of air lines	P , pradeep , p.varaprasad	24.04.2015	83
Ethics & importance of yoga	Srinvas raju	21.06.2016	90
Lecture on CAT	P . V. Narasimha	28.07.2016	51
Benefits on joining NCC	M.T. Krishna swamy	04.08.2016	47
Diabetes in women-risk for college girls	Dr.saritha kakani	06.08.2016	38
Touching borders & touching lives	Lakshmanan R.k	03.09.2016	72
Lecture on CAT	Kishore kumar	08.09.2016	53
Engineering day	Dr.ch.suresh reddy	1.09.2016	45

Thermal power plants	V. Srinvas rao	23.09.2016	42
Informative hub for students	V.Venkateswar reddy	24.09.2016	69
Police formation day	K. Damodar	15.10.2016	37
An awareness program on cashless economy	V.Muralikrishna	26.11.2016	50
Cashless economy	D.K.Balaji	01.12.2016	50
Career counseling for guidance	Mr. Amalesh & suryam, sravan	13.12.2016	43
Awareness program on road safety measures	Joshi JSV	16.12.2016	48
Necessity of enhancing energy efficiency in present scenario	M .Durgaprasad	20.12.2016	182
Global working skills	Dr. Nikitha Fiona nelabradi	30.12.2016	93
Overview of electrical engineering	Dr. K. Venkat reddy	27.01.2017	175

33. Teaching methods adopted to improve student learning:

NPTEL, Coeerd, e-LEARNING, LCD PROJECTOR, OHP, Real time systems examples, Industrial Tours, MOOCS(Massive Open Online Courses)- A Initiative Program with IIT's collaboration with JNTUK.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Through NSS & Dhanekula Charitable Trust conducting awareness programs & helping the people working with good cause.

Participation in Institutional Social Responsibility (ISR) and Extension activities:

Name of the Activity	Venue	Date(s)	No. of students
Traffic awareness program	DIET	7-1-11	3
Voter day awareness program	DIET	22-1-11	46
Blood donation camp	DIET	23-3-11	35
Awareness camp on civil services	Vedika function hall- Vijayawada	14-7-11	23
Dental awareness program	DIET	1-10-11	41
Blood Donation Camp	SUB COLLECTOR OFFICE	25-7-12	41
Blood Donation Camp	DIET	22-12-12	5
Fund raising for Deep Chand	DIET	6-1-13	2
Health Checkup Camp-Kamineni HSP	DIET	25/7/13	1

Voters Registration Awareness	DIET	10/12/13	57
National Youth Run	IMS-VJA	11/9/13	12
Root health foundation -5k walk	IMS-VJA	2/2/14	26
Health Check up Camp-Kamineni HSP	DIET	25/7/13	1
Walk for vote – Ralley	Krishna District Elections Authority	04/05/2014	8
General Elections 2014	Krishna District Elections Authority	MAY 2014	1
Blood Donation Camp-Red cross	DIET	16-7-2014	2
Road Safety Awareness Program	DIET	23/07/14	55
Seemandhra Development Contest	Usharama engineering college	19/07/14	1
Chandranna Sankranthi Padakam	AP government – dhukana kendras	14/01/15	2
Mega Blood Donation Camp	DIET	17/01/15	5
Blood Donation Camp	DIET -Tnp Hall	17-3-2015	21
Awareness Program on Digi Locker	Diet Auditorium	03-07-2015	28
Elocution – Godavari Maha Puskaram	DIET	15 & 16 JULY 2015	1
Rally on World Organ Donation Day	DIET	06-08-2015	1
Blood Donation Camp	DIET	14-10-2015	15
Healthy Heart	DIET	22/12/2016	61
Amaravathi Marathon	Deep Trust	10-01-2016	30
Helping Hand – Fund Rising Activity	DIET	13-02-2016	31
Fund Rising for Hari Krishna	DIET	6-04-2016	12
Impact Personality Development Program	Siddhartha Arts Auditorium	24 & 25-9-16	20
Fund Rising for IAB & Mothers Concern	DIET	17/9/16	79
Krishna Puskar Sevak	Sitamma Padalu, Apron Area	12-23/8/16	50
Mega Blood Donation Camp	DIET T&P Hall	5/8/16	20
Cashless Economy -Awareness	DIET, Kankipadu & Madduru	16-12-16 to 16-02-2017	15
Amaravathi Marathon	IMS-Vijayawada	JAN 8 TH 2017	50
Blood Donation Camp	DIET -T&P Hall	07-12-2016	10
Fund Raising for Zilla Sinik Welfare	DIET	26/1/2016	42
Cashless Training Program-SBI E Buddy	DIET	8/2/17	61

35. SWOC analysis of the department and Future plans:

Strengths

- Qualified, Experienced and committed Faculty with good teamwork
- Well established and maintained academic infrastructure.
- Continuous upgrading of teaching and learning.
- Good industry institute interaction.
- Good placements in well-known organizations.

Weaknesses

- Research activities need to be improved.
- Strengthening of funding projects from government organisations like DST, UGC.

Opportunities

- R&D projects in the area of industrial drives with the growing industries since college located in capital region.
- Strengthening the networking with NIT's and IIT's for online courses.

Challenges

- To attract good quality students - admissions policy of government and private universities.

Future Plans

- Modernization of the existing Electrical labs to meet day to day requirements of industry
- Acquire NBA Accreditation.
- Establishing university recognized research centre in the department.
- Motivation of Faculty to have high standards publications.
- Developing new products with patents.

Evaluation Report of Department of Mechanical Engineering

1. Name of the Department: Mechanical Engineering

2. Year of Establishment : 2009

3. Names of Program/Courses offered

B.Tech - Mechanical Engineering

4. Names of Inter disciplinary courses and the departments /units involved:

S.No.	Name of The Course	Courses offered by other Departments
1	Basic Electrical & Electronics Engineering	EEE

5. Annual/semester/choice based credit system (program wise):

- B.Tech (Mechanical Engineering) – Semester based Credit system - Electives for Higher semester.

6. Participation of the department in the courses offered by the other departments

S.No.	Name of The Course	Courses offered by other departments
1	Thermal & Hydro Prime Movers	Electrical & Electronics Engineering
2	Engineering Drawing	Computers and Science Engineering
3	Engineering Drawing	Electronics & Communications Engineering
4	Engineering Drawing	Electrical & Electronics Engineering
5	Elements of Mechanical Engineering	Civil Engineering

7. Courses in collaboration with other universities, industries, foreign institutions, Etc: NIL

8. Details of courses /programs discontinued (if any) with reasons : NIL

9. Number of Teaching posts:

Designation	Sanctioned	Filled
Professors	03	03
Associate Professors	04	04
Assistant Professors	17	17

10. Faculty profile with name, qualification, designation, specialization /Ph.D./ M.Tech. Etc.):

Sl.No	Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. Students guided for the last 4 years
1	Dr. K Ravi	Ph.D	Professor	Renewable Resources	19	2 *
2	Dr. O Srikanth	Ph.D	Professor	Production	22	—
3	Dr. A Kiran Kumar	Ph.D	Professor	Thermal Engineering	23	2 *
4	Mr J Surendra	M.Tech (Ph.D)	Assoc. Prof	CAD/CAM	13	—
5	Mrs T Haritha	M.Tech (Ph.D)	Assoc. Prof	CIM	11	—
6	Mr KBV Satya Prakash	M.Tech (Ph.D)	Assoc. Prof	CIM	10	—
7	Mr D Bala Nagesh	M.Tech	Asst. Prof	CAD/CAM	11	—
8	Mr G Jitendra	M.Tech	Asst. Prof	Machine Design	5	—
9	Mr V Diwakar	M.Tech	Asst. Prof	Machine Design	4.5	—
10	Mr A Rajesh	M.Tech	Asst. Prof	Thermal Engineering	5	—
11	Mr VSJC Prasad	M.Tech	Asst. Prof	CAD/CAM	4	—
12	Ms K Priya Sudha	M.Tech	Asst. Prof	Industrial Metallurgy	2	—
13	Mrs M Bharathi	M.Tech	Asst. Prof	Machine Design	1	—
14	Mr K Sukumar	M.Tech	Asst. Prof	Thermal Engineering	1	—
15	Mrs M Siva Durga Ajetha	M.Tech	Asst. Prof	Machine Design	1	—

16	Mr PV Siva Teja	M.E	Asst. Prof	CAD	1	–
17	Mr P Kranthi Kumar	M.Tech	Asst. Prof	CAD/CAM	2	–
18	Mr KBSVD Bhanu Prasad	M.Tech	Asst. Prof	Thermal Engineering	1	–
19	Mr N Kartheek	M.Tech	Asst. Prof	Thermal Engineering	1	–
20	Mr K Sreenivas Reddy	M.Tech	Asst.Prof	Manufacturing Engineering	1.5	–
21	Mr B Kiran Babu	M.Tech (Ph.D)	Asst. Prof	Design Engineering	6	–
22	Mr Mahendra Babu Mekala	M.E	Assoc.Prof	Production Engineering	14	-
23	Mr Seshadwaj	M.Tech	Asst. Prof	Advanced Manufacturing Process	-	-
24	Shaik Mujeebur Rehman	M.Tech	Asst.Prof	Machine Design	2 years	-

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty: NIL

13. Student-Teacher Ratio(program wise):
B.Tech – 1:15

14. Number of academic support staff (technical) and administrative staff sanctioned and filled:

Post	Sanctioned	Filled
Academic Support staff(Technical)	04	04
Administrative staff	02	02

15. Qualifications of teaching faculty with PhD / M.Tech:

No. of Faculty with PhD	No. of faculty pursuing PhD	No. of faculty with PG (M.Tech)
3	4	21

16. Number of faculty with ongoing projects from funding agencies and grants received:

- a) National: NIL
- b) International : 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 (last four years):

S. No	Name of the Faculty	No. of Publications
1	Dr. Ravi Kadiyala	3
2	Dr. O Srikanth	8
3	Dr. A Kiran Kumar	7
4	Mr J Surendra	1
5	Mr KBV Satya Prakash	1
6	Mr G Jitendra	1
7	Mr PV Siva Teja	4
8	Mr N Kartheek	5
9	Mr Bhanu Prasad	1
10	Mr K Sreenivas Reddy	2
11	Mr B Kiran Babu	1
12	Mr V Diwakar	5
13	Mr Seshadwaj	1

20. Areas of consultancy and income generated: NIL

21. Faculty as members in

National Committees	IEI, ISTE, SAE, ISSC
International Committees	IAENG, UAMAE, CSI

22. Student Projects:

Projects	2009-13	2010-14	2011-15	2012-16
In house	70%	71.42%	20%	56.25%
Out Side	30%	28.58%	80%	43.75%

23. Awards/Recognitions received by faculty and students:

a. Faculty:

S N o	Name of the Candidate	Name of the Awards/Recognitions	Competition type	Organization/University/college from which they have received the award	Event
1	Dr. Ravi Kadiyala	Best Paper	19 th National Conference on I.C Engines and combustion	Anna Malai University	Paper Presentation
2	Dr. A Kiran Kumar	Best Teacher		MVRCET	

b. Students:

SN o	Name of the Candidate	Name of the Award s/Recognition s	Competition type	Organization/university/college from which they have received the award	Event
2016-17					
1	V. VarunSai	First	National	VRSEC, Vijayawada	AFOSEC/ 2D Drafting
2	S.Srujana	Second	National	VRSEC,Vijayawada	AFOSEC/ Concept building
2015-16					
3	Amareshu Koya	Second	National	URCET, Telaprolu	YOUR fest 2k16/Paper Presentation
4	S.Srujana	Second	National	VRSEC Vijayawada	Concept building
2014-15					
6	Ch.Venkata Teja	Second	National	IIT,Kanpur	Fest 2k16/Paper Presentation
2013-14					
7	Abdul Rehaman	First	National	VNIT&S, Guntur	ECLAT- 2K13/Project Expo
8	D.N.Kishore Babu	First	National	VNIT&S, Guntur	ECLAT- 2K13/Project Expo
2012-13					
9	M.Silpa	First	National	VNIT&S, Guntur	ECLAT- 2K13/Project Expo

10	Abdul Rehaman	Second	National	PVPSIT,Kanuru	TECHNOVATE-2K12/ Project Expo
11	M.Naveen	First	National	Adarsh college of Engg,Chebrolu	PULSE-2K12/ Project Expo
12	J.SwamyVenka tesh	First	National	Adarsh college of Engg,Chebrolu	PULSE-2K12/ Project Expo
13	V. Naga Pushpa	First	National	Adarsh college of Engg,Chebrolu	PULSE-2K12/ Project Expo
14	Abdul Rehaman	First	National	Adarsh college of Engg,Chebrolu	PULSE-2K12/ Project Expo
15	Abdul Rehaman	Second	National	VVIT,Nambur	VIVAVVIT/Techn ical Quiz
16	M.Silpa	Second	National	CMR Technical Campus,Hyderabad	TechnoCarnival 2K13/Project Expo

**24. List of eminent academicians and scientists/visitors to the department:
2016-17**

Sno	Name of the Academician(s) cientist/visitor	Date of Visit	Designation	Organization	Purpose of Visit
1	Dr. Malladi	01-10-16	Professor	Malladi Educational Academy	Guest Lecture on modern trends in Mechanics
2	Venkateswara rao U	24-09-16	B-Tech (Ms U.K)	GRE, CAT Worldwide Consultancy	Seminar on Higher Education
3	Dr.Meera Saheb	23-09-16	Assoc. Professor	JNTUK	Guest Lecture on Failures in Design
4	Dr. CH Suresh Reddy	15-09-16	CEO NIPPY Chemicals & Batteries Hyderabad	CEO NIPPY Chemicals & Batteries Hyderabad	Seminar on Engineers Day
5	Sri. T.Johnson	11-06-16	Sr. Executive Engineer	VTPS	Guest lecture on Thermal Power stations and recent developments
6	Satish Valiveti	01-03-16	Chief Executive Officer	Master Minds	Memory Techniques
7	Prof. Karuna kumar		Dean Student Affairs	Gudlavalleru Engg. College	

2015-16

S No	Name of the academician/Scientist/visitor	Date of Visit	Designation	Organization	Purpose of Visit
1	B.V.K Gupta	22-03-16	Professor	Andhra University	Guest Lecture on KOM
2	Samana	08-03-16	Samana Fashion	Samana	Seminar on

			Institute	Fashion Institute	Women's Day
3	Md.Basheer	22-02-16	Systems Engineer	Infosys	Burn like a Sun"- Exploring Yourself
4	Mr. Abhisheik Mitra	12-02-16	Country Head	Times Institute	Seminar on Higher Education in Foreign Institutes
5	Vasudev N Badri	08-02-16	BYJU'S	BYJU'S	GRE: How to write Comprehension
6	Vijay Bhaskar Reddy	15-2-16	GATE	GATE	Seminar on GATE
7	K.Eswar	27-1-16	Executive officer	Visu Consultants	Regarding GRE
8	Dr. Sai Sandeep	22-12-15	Doctor	TIME Hospital	Seminar on General Awareness on Healthy Heart
9	H Pradeep Reddy	16-12-15	CAC RAMTECH, MFG Industries	CAC RAMTECH, MFG Industries	Seminar on CAD/CAM/CAE
10	Thota Praveen Kumar	4-9-15	Sigma Aldritz	Bangalore	Indian Innovations
11	K Vijaya Bhaskar Reddy, K.V.S. Reddy	3-9-15	Police Training Academy	Hyderabad	Self Defense Training for Girl Students
12	K.S.R.Anjaneyalu	14-8-15	Manager	VISU	Abroad Education
13	Om Prakash, Prabhakar	8-8-15	Manager	Wisdom Kites pvt.ltd	CRT
14	Md. Basheer	16-7-15	System Engineer	Infosys	Burn like a sun

2014-15

SN o	Name of the academician/Scientist/visitor	Date of Visit	Designation	Organization	Purpose of Visit
1	Dr. D Srinivasa Rao	8-7-14	Professor	DMSSVHCE	Seminar on Vibration analysis

2013-14

SN o	Name of the academician/Scientist/visitor	Date of Visit	Designation	Organization	Purpose of Visit
1	Sri.M.Chalapathi Rao	27-9-13	Manager(Retd.)	BHEL(Haridwar)	Recent developments on Industrial Requirements

25. Seminars/Conferences/Workshops organized & the source of funding:

a) National 2016-17

Sno	Name of the Seminar/Conference/Workshop	Date(s)	Source of funding
1	Dhanush-2K17	27-1-17 to 28-1-17	DIET
2	Seminar on Engineers Day	15-9-16	DIET
3	Techniques to remember & enhance knowledge	1-3-16	DIET

2015-16

Sno	Name of the Seminar/Conference/Workshop	Date(s)	Source of funding
1	Women's role in construction of nation	08-03-16	DIET
2	Higher Education in Foreign countries	12-02-16	DIET
3	How to face and preparation for GATE	05-02-16	DIET
4	GRE & education in US universities	27-01-16	DIET
5	General Awareness on Healthy Healings	25-12-15	DIET
6	Seminar on CAD/CAM/CAE	16-12-15	DIET
7	Abroad Education and chances	14-08-15	DIET
8	CRT training program	08-08-15	DIET

2014-15

Sno	Name of the Seminar/Conference/Workshop	Date(s)	Source of funding
1	Robotics Workshop	14th & 15 th March 2016	DIET
2	Future Opportunities in Nano technology	29.10.14	DIET
3	Vibration analysis & Techniques	08-07-14	DIET

2013-14

Sno	Name of the Seminar/Conference/Workshop	Date(s)	Source of funding
1	Recent developments on Industrial Requirements and needs	27-9-13	DIET

26. Student profile program/course wise:

B.Tech (ME)

Year	Applications received	Selected (Number Admitted including Lateral Entry)	Enrolled		No. of Students Passed/ Appeared	Pass Percentage
			Male	Female		
2009-13	*	66	53	13	52/62	83.87
2010- 14	*	73	62	11	57/69	82.6
2011-15	*	72	64	8	40/63	63.49
2012-16	*	71	60	11	43/48	89.58

*Admissions are through EAMCET/PGECET counseling of AP State Govt.

NR = Not Released

27. Diversity of Students:

B.Tech

Year of Admission	% students from % the same State
2016	97.84 (students from other states=2)
2015	98.55 (students from other states=2)
2014	97.76 (students from other states=3)
2013	99.26 (students from other states=1)
2012	97.84 (students from other states=2)

28. How many students have cleared national and state competitive examinations such as GATE, GRE etc.?

Name of the Competitive Examination	No. of students qualified				
	2016-17	2015-16	2014-15	2013-14	2012-13
GATE		1	0	2	1
GRE		18	12	22	22

29. Student progression: Collect Data from Alumni and TPO

Student progression	2012-2016	2011-2015	2010-2014	2009-2013
UG to PG	5	12	14	19
Employed	17	24	18	14

30. Details of Infrastructural facilities:

Library	Central library	Department Library
Plinth Area	1248 Sq.m	52 Sq. m
No of Volumes	2000	50

Internet facilities for Staff & Students: 46 mbps with Wi-Fi facility

10 Mbps - BSNL

6 Mbps - BSNL

30 Mbps - Net Linx

a) Classrooms with ICT facility: 8**b) Laboratories:**

S.No.	Lab Name	Area(sq. m)
1	Engineering Work Shop Lab	222.96
2	Metallurgy Lab	131.35
3	Production Technology Lab	131.35
4	Thermal Engineering Lab	282.00
5	Metrology & Instrumentation Lab	63.82
6	Machine Tools Lab	176.51
7	Heat Transfer Lab	63.82
8	CAD/CAM Lab	95.79
9	Mechatronics Lab	80.03
10	Computational Fluid Dynamics Lab	95.79
11	Theory of Machines Lab	63.82

31. Number of students receiving financial assistance from college, university, government or other agencies:

Agency	No. of students received financial assistance				
	2016-17	2015-16	2014-15	2013-14	2012-13
Government	341	302	254	208	156

32. Details on student enrichment programs:

Programs (special lectures / workshops /seminar) with external experts: 2016-17

Title of the program	Special lectures/Workshops /seminars	Date	No. Benefitted
“Modern trends in Mechanics”	Guest Lecture	01-10-16	65
“Failures in Design”	Guest Lecture	23-09-16	72
“Thermal Power stations and Recent Developments”	Guest lecture	11-06-16	81
“Engineering Education and Approaches”	Guest Lecture	22-03-16	72
GRE and opportunities in US	Seminar	24-06-16	77
Techniques to remember	Seminar	01-03-16	59

2015-16

Title of the program	Special lectures/workshops/seminars	Date	No. Benefitted
“How to Face Competitive Exams with ease”	Seminar	01-02-16	68
Operational techniques in CAD/CAM/CNC	Work Shop	16-12-15	89
General Awareness on Healthy Heart	Seminar	22-12-15	73
Abroad Education	Seminar	14-08-15	81
“Burn like a Sun”-Exploring Yourself	Guest Lecture	16-07-15	60

2014-15

Title of the program	Special/ lectures/workshops/seminars	Date	No. benefited
Robotics Workshop	Workshop	27 & 28.1.15	240
Future Opportunities in Nano Technology	Workshop	29.10.14	120
Vibration analysis & Techniques	Seminar	08-07-14	68

2013-14

Title of the program	Special lectures/workshops/seminars	Date(s)	No. Benefitted
Recent developments and needs on	Seminar	27-9-13	56

Industrial Requirements			
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33. Teaching methods adopted to improve student Learning:

- Blackboard teaching in all classrooms
- Power point presentations/Video lectures/OHPs Usage.
- Providing Model demonstrations, displaying charts and presentations
- Encouraging the students to deliver a seminar on topic related to subject in the allotted period.
- Delivering staff seminars on advanced topics.
- Arranging workshops/guest lectures to students by eminent personalities from academic Institutions and Industry to enhance the knowledge of students
- Involving the students in Technical expo/exhibition to develop the application in Mechanical fields.
- Arranging Industrial Visits
- NPTEL lectures from IITs.

34. Participation in Institutional Social Responsibility(ISR) and Extension activities:

a) NSS activities:

Name of the activity	Venue	Date(s)	No. of students participated
Impact Personality Development Program	Sidhartha Arts Auditorium	24-9-16 & 25-9-16	35
Fund Raising for Iab	DIET	17-9-16	89
Krishna Pushkar Sevak	Sitamma Padalu, Apron Area	12-8-16-23-8-16	50
Mega Blood Donation Camp	DIET T&P Hall	5-8-16	37
Cashless Economy -Awareness	DIET Auditorium	19-12-16	134
Cashless Economy –Awareness	DIET-T&P Seminar Hall	22-12-16	8
Cashless Economy –Awareness	I M S-Vijayawada	16-12-16	8
Cashless Economy –Awareness	DIET-ECE Seminar Hall	24-12-16	11
Amaravathi Marathon	Indira Gandhi Muncipal Stadium-Vijayawada	8-1- 17	119
Awareness Program on Digilocker	DIET	3-7-15	238
Elouction – Godavari Maha Pruskaram	DIET	15-7-15 & 16-7-15	9
Rally on World Organ Donation Day	DIET	6-8-15	11
Blood donation camp	Red Cross Krishna District	16-7-14	30

Blood donation camp		17-3-15	49
Blood Donation Camp	Sub Collector Office	25-7-13	34
Blood Donation Camp	DIET	22-12-13	9
Fund Raising for Deep Chand	DIET	06-01-13	3
Health Check Up Camp	DIET	25-07-13	10
Krishna Puskar Sevak	Sitamma Padalu, Apron Area	12-8-16 to 23-8-16	50
Cashless Economy –Awareness	Ims-Vijayawada	16-12-16	11
Cashless Training Program	Madduru, Kankipadu Village	12-12-16	8
Swatch Bharath Program	NCC, Kanuru	11-1-16	10
In Campus College Flag Hoisting March Past on Republic Day	DIET, Ganguru	26-1-16	15
Save Girl Child Rally	Maris Stella College	24-1-16	5
5km Mini Marathon Run	NCC, Kanuru	24-01-16	5
Human Rights Day Rally at V R Siddhartha College	DIET, Ganguru	10-12-15	10
Social Awareness Programme & Community Development Activities	1(A) Eme Coy NCC, Kanuru	12-11-15	13
Social Awareness Programme in Deaf & Dumb School	Madonna Deaf & Dumb School, Gunadala	21-10-15	18
Swatch Bharath Programme In Diet	DIET, Ganguru	26-9-15	18
In Campus College Flag Hoisting March Past on Independence Day	DIET, Ganguru	15-8-15	18
Attending Catc Camp - V	8(A) Naval Unit, Vijayawada	27-7-15	18
NCC Rally On “World Anti Tobacco Day”	3 Andhra R & V Unit, Gannavaram.	31-5- 14	5
Tree Plantation On “World Environment Day”	APSRMCH School, Krishnalanka, Vijayawada.	5-6- 14	5
Bike Rally On “Social Awareness Programme (Road Safety)”	Vijayawada	22-7- 14	10
March Past	August 15 th Celebrations In Our College	15-8-14	11
Rural Sanitation Programme	PB Siddhartha Arts & Science College to Andhra Loyola College	15-11-14	3
Visit Of School For Visually Challenged Children/Orphanages	Madonna Deaf & Dumb High School, Gunadala	21-11-14	7

March Past	January 26th Republic Day Celebrations In Our College	26-1-15	10
Swatch Bharath Program	Kanuru	17-2-14	6

35. SWOC analysis of the department and Future plan

Strengths

- Experienced and qualified faculty, good teaching environment, well equipped labs, central Library and Internet facilities.
- Exploring knowledge of students through Various Club activities, Good Team Spirit among faculty resulting in knowledge sharing.
- Central Library with good collection of standard books and journals including Research Journals.
- Availability of Wi-Fi enabled networking and e-class rooms.

Weaknesses

- Research and consultancy need to be improved
- Need to Improve Industry Institute Interaction.

Opportunities

- As a part of capital city region and with growing industries in and around, possibility of raising funds by taking consultancy in the area of machinery.
- With the increase in Industries in and around, MOUs with industries help for the growth of the department.

Challenges

- Competition from newly establishing universities and with nearby aged institutions.
- Attracting Quality and Qualified Faculty.

Future Plans

- Publishing research papers in the reputed journals
- Establishing research facilities through funded projects
- Improving student participation with industry interaction to get placements.

Evaluation Report of Department of Basic Sciences & Humanities

1. **Name of the Department: Basic Sciences & Humanities**
2. **Year of Establishment: 2009**
3. **Names of Programs/ Courses offered (UG, PG, M. Phil, Ph. D, Integrated Masters, Integrated Ph. D., etc.):** NIL
4. **Name of the interdisciplinary courses and the departments involved:**

S.No.	Course	Departments Involved
1	Engineering Drawing	Civil Engineering and Mechanical Engineering
2	Engineering Mechanics	Mechanical Engineering
3	Object Oriented Programming through C++	Computer Science & Engineering
4	Data Structures	Computer Science & Engineering
5	Elements of Mechanical Engineering	Electrical & Electronics Engineering and Mechanical Engineering
6	Electrical Circuit Analysis- I	Electrical & Electronics Engineering
7	Basic Electrical & Electronics Engineering	Electrical & Electronics Engineering
8	Electrical & Mechanical Technology	Electrical & Electronics Engineering and Mechanical Engineering
9	Information Technology Workshop	Computer Science & Engineering
10	Engineering Workshop	Mechanical Engineering
11	C-Programming Lab	Computer Science & Engineering

5. **Annual/ Semester/ Choice based credit system (program wise):**

B.Tech (Civil Engineering, Mechanical Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering and Computer Science & Engineering): Semester based credit system.

6. **Participation of the department in the courses offered by other departments:**

S. No.	Title of the Course	Department Served
1	Environmental Science	Electronics & Communication Engineering; Electrical & Electronics Engineering
2	Probability & Statistics	Civil Engineering & Computer Science and Engineering

3	Managerial Economics and Financial Analysis	Civil Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering and Computer Science & Engineering
4	Quantitative Methods	Civil Engineering, Mechanical Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering and Computer Science & Engineering
5	Management Science	Electrical & Electronics Engineering, Electronics & Communication Engineering and Computer Science & Engineering
6	Complex Variables & Statistical Methods	Electrical & Electronics Engineering
7	Environmental Engineering Lab	Civil Engineering

7. Courses in collaboration with other Universities, Industries, Foreign Institution., etc:
NIL

8. Details of courses/ programs discontinued (if any) with reasons: NIL

9. Number of Teaching posts:

Designation	Sanctioned	Filled
Professor	1	1
Associate Professor	2	2
Assistant Professor	25	25

10. Faculty profile with name, qualification, designation, specialization.,(D.Sc/D. Litt/Ph. D/ M. Phil etc.):

S. No .	Name of the faculty	Qualification	Designation	Specialization	No. of years of experience	No. of Ph. D students guided for the last 4 years
1	Dr. BVSN Hari Prasad	M.Sc, M.Phil, Ph.D	Professor	Applied Mathematics	25	-
2	Mrs V Vasanthi	M.A, (Ph.D)	Associate Professor	English	22	-
3	Dr. M Nagrjuna	M.Sc, M.Phil, Ph.D	Associate Professor	Solid state physics	14	-
4	Ms D Bhargavi	M.Sc,(Ph.D)	Assistant Professor	Organic chemistry	9	-
5	Mrs D Sri Laxmi	M.Sc,(Ph.D)	Assistant Professor	Organic chemistry	12	-
6	Dr. K Deepti	M.Sc, Ph.D	Assistant Professor	Organic chemistry	11	-
7	Dr. Ch Sri Lakshmi	M.Sc, B.Ed, M.Phil, Ph.D	Assistant Professor	Bio chemistry& bio-technology	18	-
8	Dr. Ch Leelavathi	M.Sc. NET. Ph.D	Assistant Professor	Environmental science	8	-
9	Mr A Srinivasa Rao	M.Sc, M.Phil, (Ph.D)	Assistant Professor	Applied Mathematics	22	-
10	Mrs P Madhu Latha	M.Sc, M.Phil	Assistant Professor	Mathematics	12	-
11	Mrs K V P Vineela	M.Sc, (M.Phil)	Assistant Professor	Mathematics	12	-

12	Mr A Anil	M.Sc,(Ph. D)	Assistant Professor	Statistics mathematics	7	-
13	Mr V Ramana Rao	M.Sc	Assistant Professor	Applied Mathematics	21	-
14	Mr K Dasaradha Ramaiah	M.Sc, M.Phil, (Ph.D)	Assistant Professor	Mathematics	13	-
15	Mr S Venkata Krishna Sarma	M.Sc, SLET, (Ph.D)	Assistant Professor	Applied Mathematics	10	-
16	Mr G Raghavendra Ganesh	M.Sc, M. Phil, SLET	Assistant Professor	Applied Mathematics	11	-
17	Mrs K A Sasikala	M.Sc, M.Phil, (Ph.D)	Assistant Professor	Solid state physics	13	-
18	Mrs M Silpa	M.Sc,(Ph.D)	Assistant Professor	Solid state physics	10	-
19	Mrs D Radha	M.Sc	Assistant Professor	Physics	3	-
20	Mrs J Pushpa Latha	M.A,M.Phil, (Ph.D)	Assistant Professor	English	16	-
21	Mr B Srinivasa Rao	M.A, (M. Phil).	Assistant Professor	Communicative English	8	-
22	Mr T Siva Naga Raju	M.A	Assistant Professor	English	2	-
23	Mr M Venkateswarulu	M.A	Assistant Professor	English	17	-
24	Mr Y Priya Sagar	M.B.A	Assistant Professor	HR & Marketing	6	-
25	Mrs D Renuka Devi	M.B.A	Assistant Professor	Finance &Marketing	10	-
26	Dr. K Srinivas	M.H.R.M , Ph.D	Assistant Professor	HRM	13	-

27	Mr A Kiran Kumar	M.A, M.L.I.Sc	Assistant Professor	Library science	14	-
28	Mr K Satyanarayana Rao	M. P. Ed	Assistant Professor	Volley ball	8	-

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty: NIL

13. Student- Teacher Ratio (program wise):
UG-B.Tech: 15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Staff category	Sanctioned	Filled
Academic Support Staff (Technical)	03	03
Administrative Staff	02	02

15. Qualifications of teaching faculty with D. Sc/D. Litt/Ph. D/ M. Phil/ PG:

No. of Faculty with Ph. D	No. of Faculty with M. Phil	No. of Faculty with PG (M. Tech/ MA/M.Com/M. Sc/MBA/MCA)
06	03	19

16. Number of faculty with ongoing projects a) national b) international funding agencies and grants received:

- a) **National:** NIL
b) **International:** 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 of faculty (last 4 years):

Number of papers published in peer reviewed journals (national/international)

S. No.	Year	Number of Faculty	No. of Publications
1	2016-17	4	6
2	2015-16	4	4
3	2014-15	4	6
4	2013-14	1	1
5	2012-13	4	12

20. Areas of consultancy and income generated: NIL**21. Faculty as members in**

National Committees	ISSE, IAPEN, ILA, NDLI, ELTAI
International Committees	IAENG
Editorial Boards	BOS

22. Student Projects:

- a) Percentage of students who have done in-house projects including inter departmental/ program: NA
- b) Percentage of students placed for projects in organizations outside the institution i.e. in research laboratories/ industry/ other agencies: NA

23. Awards/ recognitions received by faculty and students:**a) Faculty:**

S. No.	Name of the Faculty	Programme/ Event	Award/ Recognition
1	Mrs. V Vasanthi	National conference VIMARSH 2013	Keynote Speaker
2	Dr. K Deepti	National Conference on Natural Product Research	Best Paper Presentation

b) Students:

S. No.	Date	Program / Event	Name of the student	Award/ Recognition
2016-17				
1	18/10/16& 19/10/16	Bhavana- 2016, ALIET	B. YuvaRaj& Group	Second prize in Dance competition
2	27/1/17& 28/1/17	Dhanush-2K17, DIET	M. Mrunal Sai & Group	Second prize in Step up
3	27/1/17& 28/1/17	Dhanush-2K17, DIET	M. Naga Sai Rahul& Group	First prize in Nukkad Natak
4	27/1/17& 28/1/17	Dhanush-2K17, DIET	P. Sai Sandeep	Second prize in Step up
5	27/1/17& 28/1/17	Dhanush-2K17, DIET	S. Lohitha	First prize in Creative Ramp
6	10/3/2017	National Safety Week	A. Hema Bindu	First prize in Slogan Writing
7	10/3/2017	National Safety Week	Md. Feroz	Second prize in Slogan Writing
8	10/3/2017	National Safety Week	U. Hanisha & S. Lohitha	First prize in Poster Making
9	10/3/2017	National Safety Week	B. Yamini & A. Srividya	Second prize in Poster Making
10	10/3/2017	National Safety Week	Md. Nadeem	First prize in power point presentation
11	10/3/2017	National Safety Week	N. Hema Girija	Second prize in power point presentation
12	10/3/2017	National Safety Week	R. Harish Pavan & Group	First prize in Adzap
13	10/3/2017	National Safety Week	G. Chaitanya Kumar & Group	Second prize in Adzap
2015-16				

1	3/3/16	Dhanush-2K16, DIET	K V Sai Kumar Naidu	Second prize in Ragam(Solo) competition
2	3/3/16	Dhanush-2K16, DIET	D Pavan Kumar	First prize in Telugu poetry
3	4/3/16	Dhanush-2K16, DIET	S. Srujana	Second prize in beauty with brain
4	5/2/16	AFOSEC, VR Siddhartha Engg. College	S. Srujana	Second prize in Concept building
5	11/3/16	SRK Engineering College	B. Anoosha	First prize in Poster Presentation on cloud computing
2014-15				
1	2/3/15	Dhanush-2K15, DIET	G. Manoj	First prize in Dance (solo)
2	2/3/15	Dhanush-2K15, DIET	B. Vikram Teja	Second prize in Instrumental Music
3	3/3/15	Dhanush-2K15, DIET	P. Hari Priya	First Prize in beauty with brain
4	23/3/15 to 24/3/15	C- Zone Kabaddi, Nova Engineering College	K.Krishna chaitanya	Second Prize
			S. Gopi	
			Prakash reddy	
			Subodh	
			Manikanta	
			Izra sastry	
			Vikram bedi	

24. List of Eminent Academicians and Scientists/ Visitors to the Department

S. No.	Date	Name of the Academician/Scientist	Designation	Organization	Purpose of visit
	2016-17				
1	28/10/16	Dr. K. V. S. G. Murali Krishna	Principal	JNTUK	Seminar

2	22/10/16	Mr. Seshadri	Ex- Service Man	Acharya Nagarjuna University	Seminar
3	21/10/16	Mr. Deepak Madabhishi	CRM& Business Developer	Forge Academia& IT services PVT. LTD.	Seminar
4	23/9/16	Mrs. Kavya	Radio Jacky	All India Radio	Cultural Event
2015-16					
5	23/2/16	Mr. M. Naga Prasad	Director	Innovative Business School	Seminar
6	18/2/16	Mr. B. Maruthi Ram Singh	Resource Person		
7	6/2/16	Dr. M. Rama Rao	Professor	RVR& JC Autonomous College	Seminar
8	13/11/15	Dr. K. V. S. G. Murali Krishna	Professor	JNTUK	Seminar
9	3/9/15	Mr. K. Vijay Bhaskar Reddy	Lt. Colonel	Van Gaurdz	Awareness programme
10	14/8/15	Mr. Venu bhagvan	Resource Person		Motivational Seminar
11	13/8/15	Mr. D. Gautam Sawang, IPS	Commissioner of police	Vijayawada	Awareness Programme
2014-15					
12	1/11/14	Mr. Naga Prasad	Director	Innovative Business School	Seminar
13	2/12/14 to 6/12/14	Mr. P. R. Narendran& Dr. Revathi Susarla	Director	People Smart, Hyderabad	Training Programme
14	13/2/15	Dr. K. V. S. G. Murali Krishna	Professor	JNTUK	Seminar
15	16/2/15	Mr. S. Gangadhar	Soft skills Trainer		Seminar
16	10/3/15	Dr. Somanchi V SSNVG Krishna Murthy	Associate Professor	Defense Institute of Advanced Technology, Pune	Guest Lecture
17	16/3/15	Ranjani Meenakshi	Regional Head	Karadipath Educational	Guest Lecture

				Company, Chennai	
18	16/4/15& 17/4/15	Dr. K. Ravi	Principal	DIET	Special Lecture
19	30/4/15	World cultural festival by “International Youth Forum”- Performers from south Korea and Thailand	Volunteers	IYF	Intellectual awareness Program, Dance and singing.
20	25/2/15& 26/2/15	Mr. G. Narayana	Director	King’s Institute of Fire& Safety Engineers, Paritala	Awareness Programme
21	7/7/14	Dr. T. K. V. Iyengar	Professor	NIT, Warangal	Guest Lecture
	2013-14				
22	17/12/13 to 19/12/13	Mr. S. R. Venkat	Managing Director	Max Educational Academy	Special Lecture
23	20/12/13	Mr. Naga Prasad	Director	Innovative Business School	Seminar
24	13/3/14	Dr. A. M. Rao	Director	Satyam Ventures	Guest Lecture
25	21/4/14	Dr. K. V. S. G. Murali Krishna	Professor	JNTUK	Seminar
	2012-13				
26	8/11/12	Mr. Naga Prasad	Director	Innovative Business School	Seminar
27	9/11/12	Ms. P. Malathi	Professor	HCU, Hyderabad	Guest Lecture
28	10/11/12	Dr. K. Ravi& Dr. G. D. Raja	Principal& Professor	DIET	Special Lecture
29	21/11/12	Dr. K. V. S. G. Murali Krishna	Professor	JNTUK	Seminar

25. a) National Workshops/ Conferences Conducted:

S. No.	Name of the seminar/conference/ workshop	Resource Person	Date(s)	Source of funding
2016- 17				
1	Brain storming session on “Outcome Based Education”	Dr. K. Ravi, Principal, DIET	27/6/16	DIET
2	FDP on “Outcome Based Education”	NIT, Warangal	6/6/16 to 11/6/16	DIET
3	One day workshop on excellence& growth through NBA& NAAC accreditations	Prof. R. Mahadevan, Principal Advisor, Aassaan eduCare Foundation	21/1/2017	DIET
4	Brain storming session on “NAAC accreditation”	Prof. Paul, Advisor, Aassaan eduCare Foundation, Chennai	10.2.2017	DIET
2015- 16				
5	Guest Lecture on “Business English Certificate”	Mr. Varun Chaluvadi, Associate Territory Manager, Cambridge University Press India Ltd.	7/1/16	DIET
6	FDP on “Student Counseling”	Dr. B. V. Pattabhiram, Prashanthi Counselling & HRD Centre, HYD	9/12/15	DIET
7	Health Awareness program- “Prevention and treatment of heart attacks.”	Dr. Garikapati Mahesh MD DM Kamineni Hospital Vijayawada	27/06/2015	DIET
2014- 15				
8	Lecture on Student counseling& modern teaching methods	Dr. K. V. S. G. Murali Krishna, Professor, JNTUK	23/8/14	DIET
2013- 14				
9	Performance Appraisal	Dr. K. Ravi, Principal, DIET	15/11/13	DIET

10	Training program on quality management system	Mr. K. V. HaraGopal, Vajra Consultants, Guntur	2013	DIET
11	Student Evaluation	Dr. K. Ravi, Principal, DIET	1/8/13	DIET
2012- 13				
12	Student guidance & Counseling	Dr. K. Ravi, Principal, DIET	12/10/12	DIET
13	Instructional Design & Delivery System	NITTTR, Chennai	29/10/12 to 2/11/12	DIET
14	Latex Technology	Mr. Manikanta Iyer, Hyderabad	4/5/13	DIET

b) International Workshops/ Conferences Conducted: NIL

26. Student profile program/ course wise:

B. Tech

Academic Year	Applications Received	Selected	Enrolled Male	Enrolled Female	Pass%
2016-17	461	461	281	180	29.6 (up to I Sem)
2015-16	503	503	283	220	54.55
2014-15	507	507	302	205	55.66
2013-14	532	532	395	137	55.83
2012-13	398	398	186	212	64.4

27. Diversity of students:

B. Tech

Year of admission	% students from the same state	% of students from other states
2016- 17	100	0
2015- 16	99.81	0.19
2014- 15	99.73	0.37
2013- 14	100	0
2012- 13	100	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc? NA

29. Student progression: NA

30. Details of infrastructural facilities:

- a) **Central Library:** Plinth Area: 1248 Sq. m
No. of volumes: 2274
- b) **Internet facilities for staff& students:** Internet speed of 46 Mbps from Netlinx (30Mbps) and BSNL (16Mbps) leased lines are available.

c) **Class rooms with ICT facility:**

Rooms	No. of Rooms	Facilities Available
Lecture Rooms	09	LCD projector, Notice Board, Glass Boards, Etc.,
Drawing Hall	01	Drawing tables, Stools, Fans, Lights, Notice Board, Glass Boards, Etc.,

d) **Laboratories:** 03

S. No.	Physical Lab	Floor Area (Sq. m)
1	English Communication Skills Lab	200 Sq. m
2	Engineering Chemistry Lab	202.1 Sq. m
3	Engineering Physics Lab	300 Sq. m
4	Engineering physics virtual lab	200 Sq. m

31. Number of students receiving financial assistance from college, university, government or other agencies:

Agency	No. of students received financial assistance				
	2016-17	2015-16	2014-15	2013-14	2012-13
Government	288	305	272	233	163

32. Details on student enrichment programs (special lectures/ workshops/ seminar) with external experts:

Title of the Program	Name of the Speaker	Date(s)	No. Ben efit ed
2016- 17			
Basic Engineering Skills	Dr. K. V. S. G. Murali Krishna	28/10/16	302
Day to Day Planning for effective academics	Mr. Seshadri	22/10/16	398
Career in Engineering	Mr. Deepak Madabhishi	21/10/16	160
Radio Mirchi	Mrs. Kavya	23/9/16	129
2015- 16			
Personality Development Program	Mr. M. Naga Prasad	23/2/16	389
Vedic Mathematics	Mr. B. Maruthi Ram Singh	18/2/16	188
Mind Mapping	Dr. M. Rama Rao	6/2/16	223
Time Management	Dr. K. V. S. G. Murali Krishna	13/11/15	196
Women Safety	Mr. K. Vijay Bhaskar Reddy	3/9/15	125
Personality development	Mr. Venu bhagvan	14/8/15	500
Ragging and its consequences, prevention	Mr. D. Gautam Sawang, IPS	13/8/15	500
2014- 15			
Career planning and confidence building	Mr. Naga Prasad	1/11/14	478
Soft skills and self-excellence	Mr. P. R. Narendran& Dr. Revathi Susarla	2/12/14 to 6/12/14	467
Personality development and future engineers	Dr. K. V. S. G. Murali Krishna	13/2/15	480
Neuro linguistic techniques	Mr. S. Gangadhar	16/2/15	455
Mathematical modeling in engineering applications	Dr. Somanchi V SSNVG Krishna Murthy	10/3/15	485
Improving communication skills	Ranjani Meenakshi	16/3/15	446
Webinar on engineering mechanics	Dr. K. Ravi	16/4/15	157

		& 17/4/15	
International youth fellowship	Volunteers from North-Eastern Countries	30/4/15	540
Fire fighting and Safety measures	Mr. G. Narayana	25/2/15 & 26/2/15	269
Applications of Mathematic in Science And Engg.	Dr. T. K. V. Iyengar	7/7/14	450
2013- 14			
Scientific learning skills	Mr. S. R. Venkat	17/12/13 to 19/12/13	270
Motivational seminar	Mr. Naga Prasad	20/12/13	270
Employability skills	Dr. A. M. Rao	13/3/14	257
Career opportunities for engineering graduates in India- Abroad	Dr. K. V. S. G. Murali Krishna	21/4/14	276
2012- 13			
Motivational seminar	Mr. Naga Prasad	8/11/12	295
Learning Math Techniques	Ms. P. Malathi	9/11/12	302
Higher Education	Dr. K. Ravi& Dr. G. D. Raja	10/11/12	250
Personality development	Dr. K. V. S. G. Murali Krishna	21/11/12	294

33. Teaching methods adopted to improve student learning

- ◆ Assigning seminar topics
- ◆ Different teaching aids like Power point presentations, OHP's, Models, audio & visual presentations are adopted by the faculty
- ◆ Advising to participate in classroom seminars, group discussions, technical quizzes to develop analytical and problem solving abilities in them and thereby, to improve their presentation skills
- ◆ Providing opportunities to develop their creativity by organizing intercollegiate as well as national level cultural, technical and sports competitions.
- ◆ Motivating to access latest online journals, reference materials and help them to understand the emerging trends in their field of study.
- ◆ Tutorial classes are conducted to improve problem solving skills and motivate slow learners
- ◆ Continuous assessments are conducted regularly
- ◆ Conducting remedial classes for slow learners to improve their academic performance.

34. Participation in institutional social responsibility (ISR) and extension activities:

a) NSS Activities

Name of the activity	Venue	Date(s)	No. of students participated
2016- 17			
Amaravathi Marathon	IMS-Vijayawada	8/1/ 2017	40
Fund Raising for Zilla Sinik Welfare	DIET	26/1/2017	33
Fund Rising for IAB & Mothers Concern	DIET	17/9/16	185
Krishna Pushkar Sevak	Sitamma Padalu, APRON Area	12/8/16-23/8/16	30
2015- 16			
Blood Donation Camp	DIET	14-10-2015	118
Amaravathi Marathon	DEEP TRUST	10-01-2016	50
Helping Hand – Fund Rising Activity	DIET	13-02-2016	129
2014- 15			
Blood donation camp	DIET, Ganguru	17/3/15	312
2013- 14			
National Youth Run	IMS-VJA	11/9/13	30
Root Health Foundation -5k Walk	IMS-VJA	2/2/14	34

b) NCC Activities

Name of the activity	Venue/ Organized by	Date(s)	No. of students participated
2016- 17			
Saving Girl Child	PB SIDDHARTHA COLLEGE, VJA	24-1-2017	02
Amaravathi Marathon	IMS-Vijayawada	7-1-2017&8-1-2017	20
Live a Legacy of Life	VRS COLLEGE , VJA	18-12-2016	4

Human Rights Day	ANDHRA LOYOLA COLLEGE, VJA	10-12-2016	9
Happy Sunday	Municipal Stadium, Vijayawada	4-12-2016	26
NCC Day	Vijaya Mary Blind School	26-11-2016	7
International Literacy Day	VRS ENG COLLEGE, KANURU	7-9-2016	5
Krishna Pushkaralu	Vijayawada	9-8-2016	24
International Anti-drug day	ANDHRA LOYOLA COLLEGE, VJA	26-6-2016	5
Yoga Day	A1 CONVENTIONAL HALL, VJA	21-6-2016	32
World Environment Day	Potti Sriramulu Engineering college	5-6-2016	5
World tobacco day	ANDHRA LOYOLA COLLEGE, VJA	31-5-2016	2
Pingali Venkaiah Garau(Krishna District)	RADIO STATION, VJA	1-4-2016	5
2015- 16			
Swatch Bharath Program	1(A) Eme Coy NCC, Kanuru	11-1- 2016	30
In Campus College Flag Hoisting March Past on Republic Day	DIET, Ganguru	26-1- 2016	50
Save Girl Child Rally	Marie Stella College	24-1- 2016	15
5km Mini Marathon Run	1(A) Eme Coy NCC, Kanuru	24-1- 2016	5
Human Rights Day Rally at V R Siddhartha College	DIET, Ganguru	10-12-2015	50
Social Awareness Programme & Community Development Activities	1(A) Eme Coy NCC, Kanuru	12-11-2015	35
Social Awareness Programme in Deaf & Dumb School	Madonna Deaf & Dumb School, Gunadala	21-10-2015	30
Swatch Bharath Programme in DIET	DIET, Ganguru	26-9- 2015	50
In Campus College Flag Hoisting March Past on Independence Day	DIET, Ganguru	15-8- 2015	50

Attending Catc Camp – V	8(A) Naval Unit, Vijayawada	27-7-2015	25
2014- 15			
NCC Rally On “World Anti Tobacco Day”	3 Andhra R & V Unit, Gannavaram.	31.05.2014	10
Tree Plantation On “World Environment Day”	APSRMCH School, Krishnalanka, Vijayawada.	05.06.2014	12
Bike Rally On “Social Awareness Programme (Road Safety)”	Vijayawada	22.07.2014	48
March Past	August 15 Celebrations in Our College	15/8/14	30
Rural Sanitation Programme	PB Siddhartha Arts & Science College to Andhra Loyola College	15.11.2014	23
Visit of School for Visually Challenged Children/Orphanages	Madonna Deaf & Dumb High School, Gunadala	21.11.2014	12
March Past	January 26th Republic Day Celebrations in Our College	26/1/15	30
Swatch Bharath Program	Kanuru	17.02.2014	10

35. SWOC analysis of the department and future plans:

Strengths

- ✿ Availability of qualified and experienced faculty
- ✿ Staff retention ratio is very high
- ✿ Well-equipped laboratories with latest systems and instruments
- ✿ Systematic monitoring of teaching- learning process

Weakness

- ✿ The socio- economic back ground of many of the students admitted in the college, causing poor language competence.
- ✿ adaptability

Opportunities

- ✿ Exploring possibility of collaborative research with research institutes
- ✿ Grooming the freshmen strengthen their basic skills.

Challenges/ Constraints

- ✿ To have more funded research projects
- ✿ Competing with aged institutions nearby

Future plans

- ✿ To take up research projects from funding agencies like DST, UGC etc.,
- ✿ To conduct National/International Conferences in thrust areas of research
- ✿ To conduct faculty development programs in the latest technologies and teaching methodologies.



All India Council for Technical Education
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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/1-2814184852/2016/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	1-2814184852
Name of the Institute	DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY	Permanent Id	1-1548741
Name of the Society/Trust	DHANEKULA VENKATA SUBBAIAH CHARITABLE TRUST	Institute Address	DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY GANGURU PENAMALURU MANDALAM VIJAYAWADA ANDHRA PRADESH - 521 139 INDIA, VIJAYAWADA, KRISHNA, Andhra Pradesh, 521139
Institute Type	Unaided - Private	Society/Trust Address	40-5-19/1, SIDDHARTHA ROAD, VENKATESWARAPURAM, VIJAYAWADA - 520 010, VIJAYAWADA, KRISHNA, Andhra Pradesh, 520010

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: 1-2814184852			Course	Full/Part Time	Affiliating Body	Intake 2015-16	Intake Approved for 2016-17	NRI Approval status	PIO / FN / Gulf quota Approval status	Foreign Collaboration/Twinning Program Approval status
Program	Shift	Level								

Application Number: 1-2814184852

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Principal
**DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY**
Ganguru, Vijayawada-521 139

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Letter Printed On: 26 July 2016



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(A Statutory body under Ministry of HRD, Govt. of India)

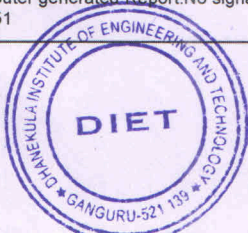
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ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE & ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	VLSI DESIGN	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kakinada	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE & 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 & COMMUNICATION 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	Department of Technical Education	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Department of Technical Education	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	ELECTRONICS & COMMUNICATION ENGINEERING	FULL TIME	Department of Technical Education	60	60	NA	NA	NA
	2nd Shift	DIPLOMA	MECHANICAL	FULL	Department of	60	60	NA	NA	NA

Application Number: 1-2814184852

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Letter Printed On: 26 July 2016



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ENGINEERING AND TECHNOLOGY	Shift	OMA	ENGINEERING	TIME	Technical Education					
----------------------------	-------	-----	-------------	------	---------------------	--	--	--	--	--

The above mentioned approval is subject to the condition that DHANEKULA INSTITUTE OF ENGINEERING & 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:

- The Regional Officer,**
All India Council for Technical Education
First Floor, old BICARD Building
Jawaharlal Nehru Technological University
Masab Tank, Hyderabad-500076
- The Director Of Technical Education,**
Andhra Pradesh
- The Registrar,**
Jawaharlal Nehru Technological University, Kakinada
- The Principal / Director,**
DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY
DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY
GANGURU
PENAMALURU MANDALAM
VIJAYAWADA
ANDHRA PRADESH - 521 139
INDIA,
VIJAYAWADA, KRISHNA,
Andhra Pradesh, 521139
- The Secretary / Chairman,**
DHANEKULA VENKATA SUBBAIAH CHARITABLE TRUST
40-5-19/1, SIDDHARTHA ROAD, VENKATESWARAPURAM, VIJAYAWADA - 520 010,
VIJAYAWADA, KRISHNA,
Andhra Pradesh, 520010
- Guard File(AICTE)**




Principal
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139



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

Principal
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139



Grams: "TECHNOLOGY"
Email: chs_eee@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/Dhanekula IE&T – 8T/NAAC/2016-17

Dt. 22.3.2017

Dr. Ch.Sai Babu
M.Tech., Ph.D.
REGISTRAR i/c

TO WHOM IT MAY CONCERN

This is to certify that "Dhanekula Institute of Engineering & Technology, Ganguru, Vijayawada, Krishna District, Andhra Pradesh" 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
UG - 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
PG - Programmes: 2 Years Duration			
1	M.Tech in VLSI Design	Temporary	2016-17
2	M.Tech in Computer Science and Engineering	Temporary	2016-17



Principal
Dhanekula Institute of Engineering and Technology
Ganguru, VIJAYAWADA-521 139



REGISTRAR i/c
JNTUK KAKINADA
REGISTRAR
D.N.T. University Kakinada
KAKINADA-533 003

Principal
Dhanekula Institute of Engineering and Technology
Ganguru, VIJAYAWADA-521 139

PROCEEDINGS OF THE SECRETARY
STATE BOARD OF TECHNICAL EDUCATION AND TRAINING
ANDHRA PRADESH: HYDERABAD

Present: Sri A . NIRMAL KUMAR PRIYA M.Tech., MISTE., MIEEE.
SECRETARY(FAC)

Proc. No. SBTET/AP/Academic /001/aff/2016-17-084

Dated: 07-06-2016

Sub: - SBTET, A.P., Hyderabad – Temporary Affiliation to Dhanekula Institute of Engineering & Technology, Ganguru, Vijayawada - 521139 for the Academic Year 2016-17-Accorded.

Read:- 1. Lr.No. DHAN/IE&T/2nd Shift Diploma/Request Affiliation/10
Dt: 12-05-2016 Online Payment Reciept No:764377 Dt: 11-05-2016 for Rs.1,50,000 of the Principal of Dhanekula Institute of Engineering & Technology, Ganguru, Vijayawada - 521139
2. F.No. South-Central/1-2814184852/2016/EOA dt:05-04-2016 of AICTE

* * *

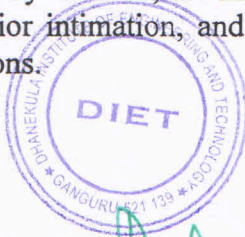
ORDER:-

Sanction is hereby accorded for temporary Affiliation in favour of the Principal, Dhanekula Institute of Engineering & Technology, Ganguru, Vijayawada - 521139 for the purpose of imparting training and sponsoring candidates of the second shift for the examinations conducted by the State Board of Technical Education and Training, Andhra Pradesh, Hyderabad in respect of the following 04 (Four) Diploma courses conducted in second shift at the said Engineering College for the academic year 2016-17 with a condition to fulfil the norms and Specific conditions laid down in the AICTE Approval Process Hand Book 2016-17.

SNo	Branch	Intake
1	Civil Engineering	60
2	Electrical & Electronics Engineering	60
3	Electronics & Communication Engineering	60
4	Mechanical Engineering	60
TOTAL		240

The Secretary, State Board of Technical Education and Training, Andhra Pradesh, Hyderabad reserves the right for withdrawal of temporary Affiliation accorded for violation of rules and regulations prescribed or to be prescribed there of, as the case may be.

Inspection team constituted by SBTET, AP may visit the College at any time for academic and examination inspections without prior intimation, and the temporary Affiliation accorded is withdrawn if found violation in rules and regulations.



Sd/-A NIRMAL KUMAR PRIYA

SECRETARY

To
Dhanekula Institute of Engineering & Technology (352)
Ganguru, Vijayawada – 521139

Copy to
Pre & Post Exam Sections in the SBTET, A.P., Hyderabad for Information

[Signature]
For Secretary

Deputy Secretary
STATE BOARD OF TECHNICAL EDUCATION &
TRAINING, ANDHRA PRADESH
6th Floor BRKR Govt. Offices Complex
Tank Bund Road HYDERABAD-500 063



DhaneKula Institute of Engineering & Technology

(Approved by AICTE New Delhi Affiliated to JNTU Kakinada)

An ISO 9001 - 2008 Certified Institution

Ganguru, Vijayawada - 521 139. Phone & Fax : 0866-2583842 / 43, Cell : 94910 17088,
E-mail : diet.principal@gmail.com, diet2009@rediffmail.com, website : www.diet.ac.in

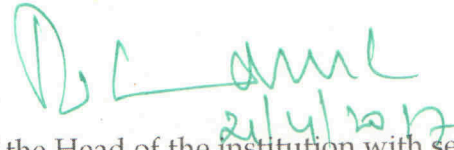
Dr. Ravi Kadiyala
B.Tech. M.E., Ph.D.
Principal

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: Ganguru

Date: 21/4/2017

Principal

DhaneKula Institute of Engineering and Technology
Ganguru, VIJAYAWADA-521 139





DhaneKula Institute of Engineering & Technology

(Approved by AICTE New Delhi Affiliated to JNTU Kakinada)

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E-mail : diet.principal@gmail.com, diet2009@rediffmail.com, website : www.diet.ac.in

Dr. Ravi Kadiyala
B.Tech. M.E., Ph.D.
Principal

Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that DhaneKula Institute of Engineering & Technology fulfils all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.


In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 21-04-2017

Place: Ganguru



(Dr Ravi Kadiyala)

Principal/Head of the Institution
(Name and Signature with Office seal)



Principal
DhaneKula Institute of Engineering and Technology
Ganguru, VIJAYAWADA-521 139



Dr.Ravi Kadiyala <diet.principal@gmail.com>

LOI Acceptance

3 messages

CAPU SOUTH <capusouth@gmail.com>

Tue, Apr 11, 2017 at 5:24 PM

To: diet2009@rediffmail.com, "Dr.Ravi Kadiyala" <diet.principal@gmail.com>

*Dear Principal,**Greetings from NAAC*

This has reference to your LOI bearing Track ID **APCOGN27123** dated 21/03/2017. As your LOI is accepted on 11/04/2017 you are advised to proceed further for submission of SSR. Acceptance of your SSR is subject to strict adherence to the timelines and procedural formalities of NAAC as given below:

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

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

- Quote your assigned track ID **APCOGN27123** in all your future online/offline submissions and correspondence with NAAC.
- **“Only Government and Govt-Aided colleges covered under 2f and 12 B of UGC Act, 1956, and getting General development grants during XII Plan” are eligible for exemption of Accreditation fees subject to the production of valid documentary evidence (Please note that the name of the institution in the UGC records should be the same as that in LOI for claiming exemption of fees). All other colleges have to pay the Accreditation fees as per the revised NAAC fees structure.**

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

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

Yours sincerely

For CAPU



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

Ganguru, Penamaluru Mandal, Krishna Dt., Vijayawada - 521 139. AP

✉ principal@diet.ac.in, diet.principal@gmail.com, diet2009@rediffmail.com

☎ 0866 – 258 3842, +91 94 91 01 7088, Fax: 0866 -258 3843