MVR

COLLEGE OF ENGINEERING & TECHNOLOGY

శ్రమయేవ జయతే

(Approved by AICTE, Affiliated to JNTUK, Kakinada, an ISO 9001-2008 Certified Institute)
Beside Hanuman Statue on NH-9, Paritala (V),
Kanchikacherla (M), Krishna (DT), Andhra Pradesh-521180.
Website : www.mvrcoe.ac.in Email : principal@mvrcoe.ac.in

MANDATORY DISCLOSURE

ముత్తవరపు వెంకటేశ్వరరావు కాలేజ్ ఆఫ్ ఇంజనీరింగ్ & టెక్నాలజీ

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Mandatory Disclosure

PART – A
EXECUTIVE SUMMARY

MVR College of Engineering and Technology, Paritala, is one of the renowned Engineering Colleges in Andhra Pradesh, with ISO 9001-2008 Certification, located at 25 kilometers from Vijayawada city on National Highway -9 beside the world famous gigantic Lord Shri Hanuman statue and within hailing distance of newly proposed capital of Andhra Pradesh "Amaravati". The college is the brain child of Swarna Academy of Sciences. The first bell echoed in the year 2008, with a profound mission to offer quality technical education to students. Up to 2010, the college was affiliated to Acharya Nagarjuna University but switched over to JNTU Kakinada in the year 2010 for the benefit of budding engineers.

The College was established in 2008 in a sprawling 10.79-acre lush green campus amid beautiful Eastern Ghats hill ranges, well maintained lawns, commodious buildings with state -of- the - art laboratories and elegant infrastructure, persistent power backup and highly accomplished professionals to cater to the needs of technocrats and management students and make them great problem solvers, project leaders, communicators and ethical citizens of global community. All the courses offered by College are approved by All India Council for Technical Education (AICTE), an apex body of the Government of India. The details of courses are as follows:

S.No.	Programme	Branch	Intake
UG			
1		Civil Engineering	120
2		Electrical & Electronics Engineering	60
3	B.Tech.	Mechanical Engineering	120
4		Electronics & Communication Engineering	120
5		Computer Sciences Engineering	60
PG			
1	Management Studies	Master of Business Administration	180

2	M.Tech.	Structural Engineering	24
3		Transportation Engineering	24
4		Power Electronics & Drives	24
5		Thermal Engineering	24
6		Communication Engineering & Signal Processing	24
7		Computer Science & Engineering	24

CURRICULAR ASPECTS

As Jonathan Swift said, "vision is the art of seeing what is invisible to others", MVR College of Engineering and Technology has set its own Vision and Mission. College strictly follows the footsteps of the curriculum prescribed by the affiliated university apart from that the college takes suggestions from eminent scientists, academicians, Industry Professionals, civil servants, to introduce innovative programs for the benefit of the students. Further, our industry tie-ups, alumni interactions and co-curricular activities make the students more competitive and industry ready. Our time table permits to conduct good number of programs on soft skills, problem solving skills, time management, curricular, co-curricular, extracurricular activities, motivation, remedial classes etc to enhance the skills of students.

TEACHING - LEARNING AND EVALUATION

The institute gives wide publicity to its infrastructure, staff and other facilities through website, newspaper advertisements and also publishes a special news edition called "**MVRNEWS**". 70 percent of the seats are filled by APEAMCET. Financially weaker students are supported by State Government scheme called "**Fee Reimbursement**". Our institution is gender un-biased. Policies adopted by Govt. of Andhra Pradesh are strictly followed for the benefit of the students. The institution follows a well-structured plan for smooth conduct of courses and the staff and the student ratio is maintained as per the norms. Subject allotment, study materials (both soft and hard copies) will be formulated in advance and course files which consist of information on all academic and extra-curricular activities such as workshops, seminars, symposiums are made available to workforce. Our library "**The Temple of Learning**" has been implementing open access system since inception and our stacks have loaded

with rich collection of rare books and reference library consists of unique collection of ancient manuscripts, e-books, e-journals. Delnet makes the students get access to reputed journals and opens the doors of libraries in every nook and corner of the world. Digital library consists of rare video lectures, documentaries, inspiring speeches of great orators. Special cell is established in the library for researchers and a photo copy machine is available to all the students, researchers and faculty. The college provides subsidy on photo copies to the researchers and faculty members. The language laboratory, internet lab, LMS materials, virtual labs, computer lab facility provide a good environment for students to learn the concepts and apply them to practical projects. A number of events on academic improvement, societal and environmental issues etc. are organized time to time. The institute provides support to its faculty members for their overall growth and development. They are granted special leaves for higher studies, research and are sponsored for seminars, workshops and conferences.

Internal Assessment:

The institute follows a transparent internal evaluation system. Internal assessment tests are conducted as per the guidelines of the affiliated University. Each faculty member has to give two sets of question papers out of which one set will be selected by the college controller of the examination.   After the evaluation of answer scripts, students are given a chance to verify the same and sign on it. Progress reports are sent to parents after internal assessment tests by registered post. Basing on the internal marks, slow learners are identified and they are counseled in the presence of their parents and remedial classes are scheduled for them. For academically bright Students Bridge Courses and Enrichment Courses are conducted on selected subjects during vacation period. Communication skills classes and personality development classes are scheduled simultaneously along with regular time table.

RESEARCH, CONSULTANCY AND EXTENSION

"**Research is to see what everybody else has seen and to think what nobody else has thought**" Albert Szent Gyorgy. College encourages faculty members to apply for research projects and provides financial support to them. We believe empowerment of engineering students is achieved with strong theoretical knowledge, interdisciplinary skills, creativity, innovation, hands on expertise and professional ethics. Faculty members of MVR College are encouraged to pursue Doctorates from different leading universities.

INFRASTRUCTURE AND LEARNING RESOURCES

The management of MVR College of Engineering has planned the infrastructure requirements as per the norms. All physical facilities like class rooms, seminar halls, laboratories, tutorial facilities, R&D centers are built as per the guidelines of the affiliated university. The College has 5 acres of play ground with outdoor and indoor courts, gymnasium, Cultural activities, health and yoga facilities are also present. The master plan provides an insight about the future vision of the institution. Separate residential facilities are provided for boys and girls with Wi-Fi, mineral water and security round the clock which represent home away from home.

Health Care Center

The college has a health care center with sophisticated life saving equipment attached to the hostel with ambulance and also has an MoU with super specialty hospital for regular and emergency cases. A highly qualified residential doctor visits the hostel every day to look after students and educates them on hygiene.

Canteen

The college has hygienic canteen and Mess facility for the staff and the students which offers Indian and Continental delicious vegetarian and non vegetarian dishes at subsidized rates.

Placement Cell:

Placement Training is a unique strength of our institution. The trainers, with their vast and rich experience, train the students on employability and Personality Development skills from second year of under graduation onwards. Placement Training is customized to meet the needs of the students as well as expectations of the industry. Our placement cell is well established with GD, Interview rooms and AC seminar halls filled with modern equipment and also computer center with sufficient number of systems with LAN and 20 MBPS Wi-Fi facilities, with licensed software as per requirements to conduct online GRE, TOEFL and GATE examinations. CALL (Computer Aided Language Lab) has been established with an intention to make the students proficient in global language for which the college has procured special software called "Rosetta Stone". Our placement cell conducts on/off campus drives at regular intervals, for that it has created a special account in Face book where all the present and

former students become members so that they can share information regarding placement drives.

STUDENT SUPPORT AND PROGRESSION

The college has a separate grievance cell for boys and girls to tackle ragging, eve-teasing and discipline issues. One of the senior professors will be appointed as the chairman of the community to look after the issues. Strict punishment will be given to the students who will violate the rules

Alumni Association

"**Past always guides present**" With this intention the college has established   Alumni Association in the year 2012. Regular annual meetings are conducted in the college campus where members interact with students and give valuable suggestions to them. The college takes feedback from the alumni members to improve academics and also invites them to give seminars. The Alumni Association has been offering a helping hand to the economically weaker students.

Monitoring of Slow Learners:

The College takes up the measures to monitor the slow learners. Separate classes are conducted to the academically weaker students from evening 5 PM to 7PM. Our committed staff maintain phone contact with parents and dropout students and visit their houses during Sundays and semester holidays with progress report to counsel both parents and students. Staff monitor the career growth of the students.

Social Responsibility

College becomes a stage for the students to exhibit their hidden talent. The students are motivated to take part in several responsible administrative positions which not only improve their leadership skills but also help them to achieve the academic excellence. Participation in several events, research, NSS, blood donation camps, Swatchh Bharat, orphan home visits will inculcate social responsibility amongst the students.

GOVERNANCE, LEADERSHIP AND MANAGEMENT

M.V.R College of Engineering and Technology is governed by Swarna Academy of Sciences which was established in the year 2008 in Vijayawada. The institute has been contributing Engineering and Management Education with a vision to be the best in creative and social development which generates concepts for research through creative activities and prepares the students as capable ethical leaders. As an academic institution, MVR College of Engineering has the richness and depth commonly found in the larger Engineering Colleges.

The college is continuously learning, evolving with every year and updating the needs of the companies by promoting all necessary requirements. We believe in the overall development of students. The institution is striving for excellence and imparting practical knowledge through technical expertise ever since its inception. Engineering students are privileged to have world class education and ultra modern lab facilities, over all personality development with the support of Management and dedicated staff.

Our generous Management of the college has appointed one of the senior faculty members as Governing Body member. Management takes suggestions from the faculty members time to time and discusses academic matters such as result, feedback, syllabus coverage etc., All the stakeholder are involved in the development of the institution.

INNOVATIONS AND BEST PRACTICES

The College has adopted various measures to maintain a green campus which helps in developing an eco-balanced environment. The College ensures environmental consciousness in the minds of the students by conducting environmental awareness programmes very often. A mandatory course "Environmental Studies" is prescribed in 1st semester of R13 syllabus of UG program by affiliating university. As engineering subjects are introduced in the 1st semester B. Tech by the university, the college has established an "Innovation and Entrepreneurship Development Cell" to meet the challenge and need of the society. College has adopted certain best practices like "Mentoring System", Student Information System, Research cell and "Entrepreneurship drive among students" "App creation cell innovative ideas cell" which make MVR College of Engineering as one of the best institutions to enhance the performance of the students. College has an NSS unit of 50 Students. Different socially significant administrations are given by NSS Students to encompassing towns like leading

blood gift camps intermittently. Adoption of slums, Services in slums and Swachh bharat in surrounding villages for cleaning actions.

STRENGTH

Our college is one of the pioneer institutions in imparting engineering education with emphasis on research, innovation, entrepreneurship and skill development.

- ➢ 25 acre lush green campus in which the college is located in 10.79 acres
- ➢ State of the Art research laboratory
- ➢ Innovation and Entrepreneur Development Cell
- ➢ Incubation, In-house Product Development and R&D Centre
- ➢ Research Projects funded by Government Agencies
- ➢ ISO Certification with 9001:2008
- ➢ Young and motivated Faculty members mentored by experienced professors.
- ➢ 20 MBPS Wi-Fi enabled campus
- ➢ Energetic, enthusiastic and experienced faculty
- ➢ Abundant trust of parents and alumni
- ➢ Visionary management team
- ➢ Innovative teaching practices
- ➢ Student mentoring system
- ➢ Exclusive Training Department and Excellent Placement facilities
- ➢ Industry specific add-on training programmes
- ➢ Commodious Infrastructure
- ➢ Separate Hostels for Girls and Boys
- ➢ Innovation Centre

WEAKNESSES

- ➢ Poor Communication skill of students: As most of the students are first generation learners, their communication skills need to be improved.
- ➢ Campus placements of the college need to be improved.
- ➢ Aptitude of the students for higher learning needs to be developed.

➢ Involvement of Staff in research is limited due to non availability of residential campus and hectic academic schedule.

OPPORTUNITIES

➢ Situated at 10 km (aerial view) from Andhra Pradesh Capital city.
➢ Enhancing engineering values among socio-economic background.
➢ Promoting the young and motivated faculty members towards research and academic excellence.
➢ Industry institute interactive learning programme to prepare the students industry- ready.
➢ To promote the active engagement of the learner as experimental and experiential learner.
➢ Enhancement of research and entrepreneur activity in the field of engineering and technology.

CHALLENGES

➢ Continuous change in technology that challenges the employability of the students.
➢ More number of Engineering Colleges creates unhealthy competition.
➢ Input quality of students, their academic performance and provision for placement opportunities.
➢ To develop the language proficiency levels of the students with telugu medium background and make them reach the expectations of the industry.
➢ There is a huge shortage of experienced and qualified faculty because lack of interest in teaching profession
➢ It becomes herculean task for the institution because of the inordinate delay by the Government in reimbursing the tuition fee for economically and socially weaker sections.

Mandatory Disclosure

B- Brief Write Up about the College- PREFACE

➢ MVR College of Engineering & Technology is located at Paritala a hamlet in Kanchakichala mandal which is one of the most rustic and bakword areas in Krishna dominion in the newly formed state of Andhra Pradesh. It is 28 KMS away from Vijayawada, one of the ancient cities of the state. The college was established by Swarna Academy Sciences with a profound vision and mission. The chairman of this college is Mr. M. Srinivasa Babu, an eminent industrialist.

➢ With the untiring efforts of the Management, the staff and the students, we have decided to undergo Assessment by the most prestigious symbol of excellence, National Assessment and Accreditation Council (NAAC).

➢ The college has put all efforts to give the best possible Technical Education to the RURAL STUDENTS. Our direction of global vision is to meet every challenge with an indomitable spirit. It knows no complacency when it comes to the standards of excellence and quality assurance of the institute. The college took initiative for accreditation, as it is an important tool to establish and enhance the status of the institute by research-oriented and value-based education

➢ I extend my sincere thanks to all the members of the Steering Committee and the other committees whose promptness, zeal and critical comments have helped us for executing this task with the desired results. The entire team of teaching faculty, staff and students have made their valuable contribution for its realization.

➢ Utmost care and sincere hard work have gone into the compiling of this SSR, incorporating the departments' profiles with brevity and conciseness and by avoiding any superfluous explanation and repetitions. The annexure elucidating the details and augmenting facts stated in the various criteria have been compiled methodically and the same would be made available during the on-site visit of the NAAC Peer team to the institute.

Dr. P.V. Naganjaneyulu

Principal

Mandatory Disclosure

PART – B

PROFILE OF THE COLLEGE

I. Profile of the Affiliated/Constituent College

1. Name and address of the college:

Name:	MVR College of Engineering & Technology	
Address:	Paritala (V), Kanchikacherla (M)	
Cirty: Krishna(Dt)	Pin:521180	State:Andhra Pradesh
Website:	www.mvrcoe.ac.in	

2. For communication:

Designation	Name	Telephone with STD code Mobile/ Fax	Mobile	EMail
Principal	Dr. P.V. Naganjaneyulu	08678-201155 Fax:0866-2574602	8498037777	principal@mvrcoe.ac.in
Steering committee Coordinator	Dr. A. Kiran Kumar	08678-201155 Fax:0866-2574602	9848443423	admin@mvrcoe.ac.in

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:** 2008

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

c. Details of UGC recognition: Applied for 2(f) and 12(b) Status and waiting for Response

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	07-04-2015	2015-16	---
2	CSE	07-04-2015	2015-16	---
3	ECE	07-04-2015	2015-16	---
4	EEE	07-04-2015	2015-16	---
5	MECH	07-04-2015	2015-16	---
6	MBA	07-04-2015	2015-16	---
7	M.Tech	07-04-2015	2015-16	---

(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   √

Mandatory Disclosure

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	10.79 Acers
Built up area in sq. mts.	16626.52 (in sqmtrs)

(* 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	50

iii. Facilities (mention available facilities)	➢ Solar water heater ➢ Mess facility ➢ R. O & U. V facilitated mineral water plant ➢ Gym ➢ TV room ➢ Study rooms ➢ Doctor on call facility ➢ Internet Facility
Girls' Hostel	
i. Number of hostels	01
ii. Number of inmates	60
iii. Facilities (mention available facilities)	➢ Solar water heater ➢ Mess facility ➢ R. O & U. V facilitated mineral water plant ➢ Gym ➢ TV room ➢ 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

Mandatory Disclosure

- Animal house: Yes

- Biological waste disposal: Yes

- 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 Walkthrough: Yes

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

Sl. No	Programme Level	Name of the Programs/ Courses	Duration	Entry Qualifica-tion	Medium of Instruc-tion	Sanctioned/ approved Student strength	No. of Students Admitted
1	UG	B.Tech-CIVIL	4 Years	10+2	English	120	81
2		B.Tech-EEE				60	40
3		B.Tech-MECH				120	58
4		B.Tech-ECE				120	81
5		B.Tech-CSE				120	52
6	PG	MBA	2 Years	Degree		180	82
7		M.Tech-Civil (Structural Engineering)		B.Tech		24	11
8		M.Tech-Civil (Transport Engineering)		B.Tech			11
9		M.Tech-EEE (Power Electronics & Drives)		B.Tech			10
10		M.Tech-Mech		B.Tech			----

		(Thermal Engineering)					
11		M.Tech-ECE (Communication Engineering and Signal Processing)		B.Tech			3
12		M.Tech-CSE (Computer Science and Engineering)		B.Tech			1

13. Does the college offer self-financed Programs?

Yes | √ | No | |

If yes, how many? | 12 |

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

| Yes | √ | No | --- | Number | 07 |

New programmes introduced in the college during the last five years

Year	Name of the Programme	Year of Approval	Sanctioned Intake
2011-2012	--	--	--
2012-2013	B.Tech-Mechanical Engg M.Tech-ECE (CE&SP) M.Tech-CSE (CSE)	2012	60 24 24
2013-2014	B.Tech-Mechanical Engg M.Tech-EEE (PE&D) M.Tech-CIVIL(Structural Engg)	2013	60 24 24

| 2014-2015 | M.Tech-MECH (Thermal Engg) | 2014 | 24 |
| | M.Tech-CIVIL(Transport Engg) | | 24 |

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

Faculty	Departments	UG	PG
Engineering	B.Tech-Civil Engineering	B.Tech.	M.Tech.
	B.Tech-Electrical and Electronics Engineering		
	B.Tech-Mechanical Engineering		
	B.Tech-Electronics and Communication Engineering		
	B.Tech-Computer Science and Engineering		
Management	Master of Business administration	-	MBA

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

    a. Annual System | - NA- |

    b. Semester System | - NA- |

    c. Trimester System | - NA- |

17. Number of Programmes with

    a. Semester Based Credit System | 12 |

    b. Inter/Multidisciplinary Approach | --- |

c. Any Other (Specify and provide details**)** | --- |

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

Yes [ ]   No [√]

19. Does the college offer UG or PG programme 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	26	1	23	3	83	40	43	24	29	06
Yet to										

*M- Male *F-Female

21. Qualifications of the teaching staff:

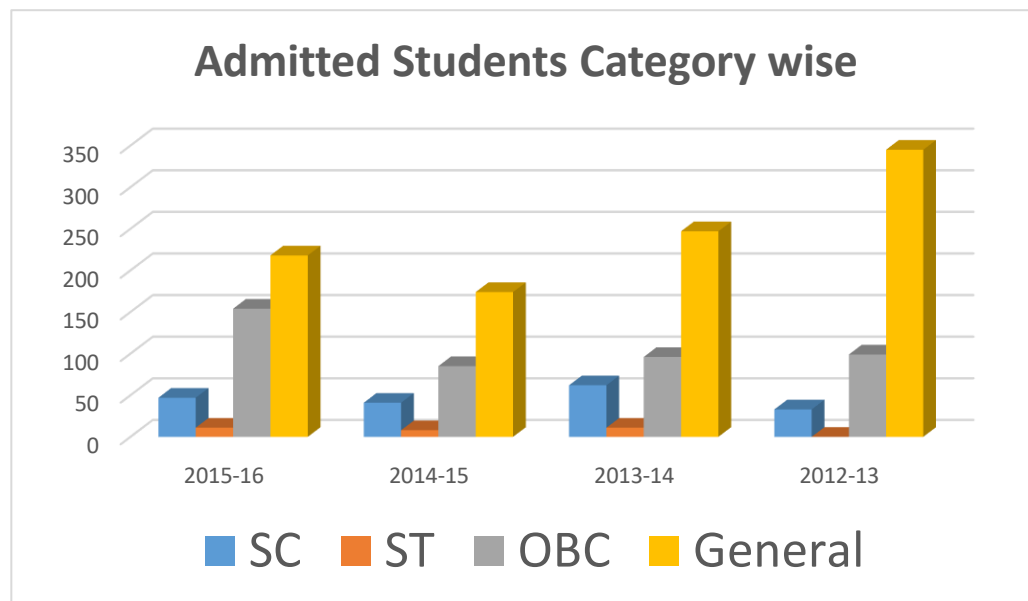| Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
Ph.D.,	23	1	-	-	-	-	24
M.Phil	-	-	04	-	-	-	04
PG / UG	3	-	19	3	83	40	148

Staff Availability

■ Ph.D ■ PG
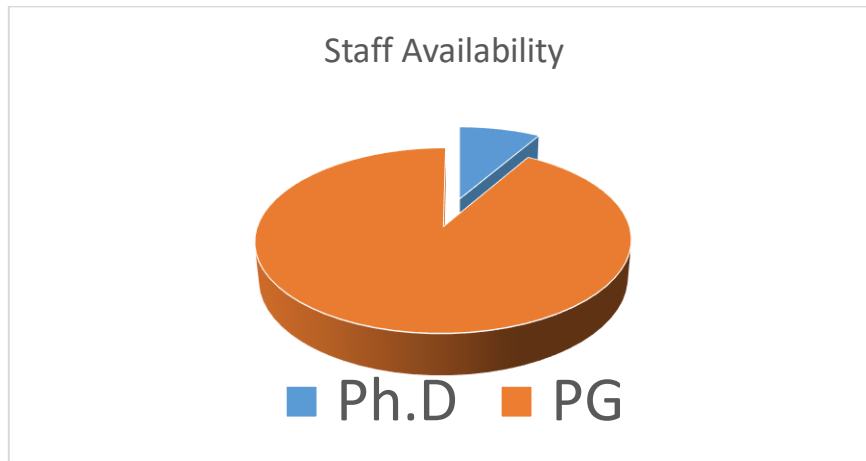
22. Number of Visiting Faculty /Guest Faculty engaged with the College. : Departments invites eminent persons from IIT's, NIT's and Industries – None-

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

Categories	2015-16		2014-15		2013-14		2012- 13	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	31	16	32	9	44	18	22	11
ST	9	2	3	5	6	5	-	-
OBC	112	42	47	38	67	29	88	11
General	149	69	108	66	148	99	242	103
Others	--	--	--	--		--	--	--

Admitted Students Category wise

350
300
250
200
150
100
50
0

2015-16   2014-15   2013-14   2012-13

■ SC   ■ ST   ■ OBC   ■ General

24. Details of student's enrollment in the college during the current academic year: 2015-16

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	312	118	-	-	430
Students from other states of India	-	-	-	-	-
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	312	118	-	-	430

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

UG | 1% | PG | 2% |

26. Unit Cost of Education

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

(a) including the salary component | Rs. 52,058/-

(b) excluding the salary component | Rs. 30,067/-

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

Yes [ ]   No [√]

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

S.No	Name of the Programme	Faculty Student Ratio	
		UG	PG
1	Department of Civil Engineering	1:15	1:12
2	Department of Electrical and Electronics Engineering	1:15	1:12
3	Department of Mechanical Engineering	1:15	1:12
4	Department of Electronics and Communication Engineering	1:15	1:12
5	Department of Computer Science and Engineering	1:15	1:12
6	Department of Master in Business Management	1:15	1:15

29. Is the college applying for Accreditation:

Cycle 1 [√]   Cycle 2 [ ]   Cycle 3 [ ]   Cycle 4 [ ]

Re-Assesment: ☐

(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. 216

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

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

examination days**)**

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

IQAC :01/06/2014

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**

Mandatory Disclosure

CURRICULAR ASPECTS

1.1   Curriculum Planning and Implementation

Vision

➢ To be the best in producing global technocrats, highly creative, sound in research and ethical leaders who contribute to the social and economical development of the country.

Mission

➢ MVR College of Engineering and Technology empowers global community by graduating talented and skilled technocrats making them think rationally, critically and creatively for life-long engagement in conducting research & development through advanced technologies and preserving our culture at the same time.

Quality Policy

➢ A centre of excellence with quality infrastructure, experienced faculty and industrial exposure, imparting value based education on par with international standards by adopting modern training methodologies and fulfilling the expectations of students and parents towards continuous improvement in education and placement. Utmost care is taken to maintain all types of accreditations.

Objectives

➢ To educate, train & develop students to learn, seek and grow in academic and ethical aspects.
➢ To provide conducive environment for creativity & research.
➢ To have a constant dialogue between the institution and industry this makes the organization to reach new heights.
➢ To develop innovative ideas and thoughts which helps a student to be an entrepreneur.

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).

➢ Yes, The College does follow a systematic process for effective implementation of curriculum designed by JNTUK University. The task of implementing curriculum is entrusted to an internal committee with all HODs as members headed by the Principal. The interests, strengths and expertise of the faculty are taken into account while assigning the subjects to the faculty well before the commencement of a semester.

➢ The academic calendars with all curricular activities are planned during a semester / year corresponding with University calendar. The laboratory classes with concerned lab manuals are prepared and given to the students for each subject before the commencement of the semester. This is a continuous and on-going process at our Institute. Apart from the traditional black-board based teaching, the faculty is encouraged to adapt modern methods such as Group Discussions, Paper Presentations, Assignments, Intra-department Seminars, etc. 60 % of our teaching faculty members are ratified by the University. Our course files ventilate the following:

Course File	
1	Individual Time Table
2	Course Objective and PEOs
3	Syllabus
4	Lesson Plan
5	Lecture notes,PPTs of subjects
6	Tutorial Questions and Answers
7	Mid papers and Questions
8	University Previous Questions papers
9	Slip Tests

10	Lecture notes for extra topics covered
11	List of slow learners and action plan
12	syllabus coverage and actual no. of classes taken
13	Result Analysis

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 college faculty takes part in the refresher courses, orientation programs and workshops, organized by the Affiliating University regarding the introduction of new curriculum and syllabus.

➢ The institution takes the change of syllabus with seriousness. Besides University orientation programs it also conducts private sessions where the newly designed syllabus is discussed with the teaching faculty. It also makes sure that the advanced lab equipments as well as books and software prescribed by the University are kept available to everybody in-advance. Further special faculty development programs are organized to make faculty aware of the changing technology and techniques in engineering field.

➢ It also invites industrially eminent people from various backgrounds to share their knowledge and opinions on the newly designed syllabus. The Industry-institute interactions and MOUs from premier institutes and Organizations are effectively utilized to impart the practical exposure to the teachers and students. It is also striving its best to develop In-House Research Facilities and also encourage its faculty to attend seminars. It makes them aware of forth coming international/ national/ conference/ seminars/ workshops in their respective areas. Departments organize workshops, Seminars, Conferences by inviting eminent personalities to enhance the knowledge of stakeholders.

Mandatory Disclosure

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

➢ The college Governing Body and the Academic Council are two main important academic bodies of the institution. These bodies have eminent personalities from academic, industry and other walks of life as members.

➢ The bi-annual meetings of these bodies are held to discuss key issues in tune with the vision and mission of the institution and give major academic directions to the institution. Based on the broad guidelines given by these two bodies; wide range of discussions will be taken among all the stakeholders. This involves the feedback taken from the students, their performance, placement achievements, feedback from faculty etc. at Department level Academic program planning will be finalized by the Principal in consultation with Members of Academic Council.

➢ Based on Academic Council's recommendations, the academic schedule is developed to address the needs of the students. The college prepares its own Academic calendar taking into consideration the overall development of the students.

➢ The Institute encourages the faculty to attend the refresher courses, seminars and workshops organized by JNTUK, Kakinada. Frequent industrial visits to nearby industries are organized to provide practical exposure to the students on the subjects in the curriculum.

➢ T&P (Training & Placement Cell) of the institution will provide necessary training in technical and general aspects for the employability of the students

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

➢ The institution takes a lead in bringing modern equipments and machines at hand to faculty as well as students. The faculty is provided with modern audio-visual aids to use while delivering lectures which makes the class an effective one.

➢ The college Training & Placement cell keeps continuous contacts with industrial eminent and takes guidelines from them in improving students' standards and making them industry ready.

➢ Throughout the academic year all the students are taken on Industrial visits and study tours in local as well as out of state places, where they are given chance to explore the technical world and its advances. They are even brought into contact with industrially knowledgeable personalities who expand their horizons of wisdom.

➢ Along with students, faculty are, without any limitations encouraged to extend their services in the research field which helps them to become more efficient in subject teaching.

➢ They are further motivated to take up membership in familiar and prestigious research bodies like CSI, IEEE, ISTE, IE, IETE etc.

➢ The faculty maintains good relation with their parent branch at Affiliating University and gets updated about the new arrivals in the fields and also about the curriculum and its timely implementation. Further the home branch Professors are invited to college to give guest lectures.

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 process of student feedback, teacher feedback and analysis is shared

with various stake holders in various forms and some good process has been implemented to contribute the quest for excellence. Suggestions and recommendations are shared with University from time to time in revising the syllabus.

➢ The institution takes feedback from the outgoing students on the curriculum. The same is discussed within the respective departments. Worthy suggestions are then presented to the Board of Studies of JNT University Kakinada at the time of revision of the curriculum. In the meantime, the faculty teaches additional topics that add value to the student community. The departments get associated with University in bringing suggestions and difficulties regarding curriculum to the notice of respective Boards of Studies.

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

➢ No. Being an affiliated Institute, it follows curriculum prescribed by JNTUK, Kakinada.

1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?
The achievement of stated objectives of the curriculum is ensured by the following means:

➢ Conducting oral tests, assignments and unit tests to ascertain whether the students have understood the concepts well or not.
➢ Conducting Group Discussions to ensure that the students are able to comprehend the knowledge they have gained.
➢ Analyzing the work of the students in laboratory, mini projects and major projects to make sure that the students are able to apply their knowledge

they have learnt.

➢ Organizing seminars/workshops/association activities for the students to ensure that the students are able to integrate their learning from different subjects.

➢ Performing a thorough result analysis at the end of each semester

➢ By taking feedback, suggestions and opinions from various stakeholders and sharing that information with affiliated University.

➢ By dividing students into 20 members as a group and appointing a staff member as a mentor, a mentoring system is implemented in the institution for overall development of student performance

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 institution does not offer any certificate/diploma/skill development courses separately. However, the institution emphasizes heavily on skill development for the students. The institution has a dedicated training department that trains the students on English Language, Aptitude & Reasoning, and Interview facing skills and Programming skills.

Following are the objectives of the Training Department:

➢ Preparing the students to be effective communicators.
➢ Preparing the students to face campus selections with confidence.
➢ Enhancing the employability of the students.
➢ Creating an awareness "how to think to succeed" among the students.

Our goal and objective is to address the needs of the society, by uplifting rural students through technical education. We have also included the industry oriented training and development programs, personality development courses, soft skills for improving living standards of their families and thereby developing

the backward areas and modernizing them.

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

➢ The Institute does not offer such programs.

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

➢ The institution is affiliated to JNTUK so there are some restrictions on academic flexibility but the institution as following some of these provisions to have academic flexibility.

Elective Subjects:

➢ Students have an option to choose his elective out of his interest among subjects/fields offered by the University. The following is the pattern where student can opt.
➢ In third and fourth years of B.Tech,
➢ In first and second year of M.Tech,
➢ In second year of MBA,

Enrichment courses:

➢ Conducting programs on Communication skills and soft skills by Jawahar Knowledge Center and CRT to enhance the student's academic and employment skills. The following methods have been adopted in this regard:-
➢ Additional lecture hours were introduced for problem oriented and difficult subjects.
➢ Seminars for students and Guest lecturers given by eminent persons in emerging areas from industry.

- ➢ Performing additional experiments than prescribed in the syllabus
- ➢ Topics beyond curriculum adopted from reputed universities in India and abroad.
- ➢ Mini projects and industry based final year projects
- ➢ Industrial visits.

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.

- ➢ All the programs offered by the institute are self-financed. All the programs are approved by AICTE and JNTU Kakinada to which the college is affiliated. The college regularly conducts Personality Development Programs which enhance the IQ level and communication skills of the participants. The college also invites guest speakers from the industry who provide regional and global employment opportunities for the students. Special classes are taken for communication skills taking into consideration the rural background of the students. The coaching on Campus Recruitment Training (CRT) for attending interviews in industries is also imparted to students. The Courses offered by the institution are

S.No	Program Level	Name of the Program/ Course	Branch	Dura-tion In Years	Entry Qualifica -tion	Medium of Instruction	Sanctioned /approved Student Strength
1.	Under-Graduate	ECE CSE EEE MECH CIVIL		04	10+2	English	120 60 60 120 120

2.	Post-Graduate	MBA		02	Degree	English	180
		M.TECH	CIVIL	02	B.Tech	English	48
			CSE		B.Tech	English	24
			ECE		B.Tech	English	24
			EEE		B.Tech	English	24
			MECH		B.Tech	English	24

Qualifications of the teaching staff:

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	**Female**	**Male**	**Female**	**Male**	**Female**	
Ph.D	23	1	-	-	-	-	24
PG	3	-	23	3	83	40	152

> The admission process is as per the regulations of A.P state Government both for Category-A and Category-B seats through common entrance test (Cat-A).
> All the faculties are recruited as per the eligibility of AICTE and salaries are paid as per AICTE norms.

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

YES, the college offers Employability Skills Training which is relevant to employment markets. Below are the details of the program:-
> Functional English
> Quantitative Aptitude &Logical Reasoning

- ➢ Group Discussions,
- ➢ Certification Courses in all departments
- ➢ Interview facing skills
- ➢ Project Exhibitions
- ➢ Industrial Visits

Apart from this, various development programs, seminars and guest lectures are also being conducted for overall development of students. Through EDC, various motivational camps and training programs are organized to inculcate and prepare the minds of students to have a strong desire to become job creators than job seekers.

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?

- ➢ The University does not provide such flexibility.

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?

Being an affiliated institute of JNTU (K) University, the institution adheres to the University curriculum. However, considering the industry needs and expectations, the following efforts are made by the institution to supplement the University's curriculum:-

- ➢ Additional topics are covered in all the subjects based on the industry needs.

- ➢ Additional lab experiments are included according to industry needs.

- ➢ Students are encouraged to do mini projects.

> ➤ Guest lectures, seminars and workshops are organized on latest technologies.

> ➤ Industrial visits are organized to enhance the subject knowledge (practical approach).

> ➤ Important technical journals are subscribed in order to get updates on technological advancements.

> ➤ In-house training and certification programs for all students.

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?

> ➤ The task of modifying curriculum of the college, is in the hands of its affiliating institution i.e. Jawaharlal Nehru Technological University, Kakinada. The college can only enhance and organize the curriculum by supplementing it with additional courses (as discussed in point 1.3.1) so that the students are benefited in the best possible manner.

> ➤ The college has initiated various measures to cater to the worldwide industry requirements based on the true assessment of strengths and services offered in the campus. To develop the required skills, brainstorming sessions are held for the faculty to design the tools in the areas of Technology, use of computers and providing in-depth knowledge in the respective subjects. The institution is completely computerized at the administration and academic levels. Our administrative office is computerized with Kusalava Software which provides all databases by the click of button. Computer labs are well equipped with latest computers. Wi-Fi enabled Internet facility is made available at college premises. OHP,

Computers, LCD Projectors are being used for effective communication and teaching.

Following are the best practices implemented by the institute in 'Curricular Aspects':

- ➢ Suggestions from industry experts.
- ➢ Inputs from feedback of the students and parents.
- ➢ Exit interviews from students.
- ➢ Reflections from the Alumni.
- ➢ Recommendations from Academic experts.
- ➢ Inputs from other stake holders from various experts in respective fields.

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?

Following Efforts are made by MVR CET to integrate the cross cutting issues:

- ➢ Students are encouraged to deliver presentations on diverse issues of gender equality, human rights, ICT etc. There is a committee to deal with complaints of sexual harassment of women at work place.
- ➢ Institute provides anti-ragging environment to the students. For which an anti ragging committee is formed that works towards monitoring and controlling the ragging. Other than this institute also has a student grievance cell to handle student grievances.
- ➢ Institute is regularly conducting Induction program for the new joins at college wherein the cross cutting issues such as Human Rights, ICT and Conduct rules have been discussed and delivered. All the faculty members

and staff of the institute also participate as resource persons as well as audience. The important aspects related to above issues are discussed with the students in their General Proficiency Classes.

- As per the university curriculum, subjects like Environmental Science and Morals & Ethics are introduced in the first year B.Tech to create awareness on environmental issues and also to build up moral and ethical values among the student community.
- The college NSS unit has organized several programs like clean and green, Blood Donation Camps, AIDS awareness camp, tree plantation in Kanchikacherla, Paritala and nearby villages to bring awareness among general public.
- The college has established Women Empowerment Cell to look into the problems and rights of girl students and lady staff.
- Awareness program on "Human Rights" will be conducted every year in the campus to educate the students on rights and duties for healthy environment.

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

Moral and Ethical values
- Professional Ethics subject is included as a part of curriculum.
- Seminars on Professional Ethics and moral values are regularly arranged.
- Yoga and Vedic classes are frequently organized.

Employable and life skills
- Training Program on soft skills.
- Personality Development Programs.
- Entrepreneurship Development programs.
- Workshops/seminar/symposium on Emerging trends in Technology.
- Participation in external seminar/conferences.
- Technical Skill Development programs.
- Participation in peripheral Tech fest/Tech quiz.
- Organization of Seminars/Conferences /Workshops.

> ➢ Participation in short term courses.
> ➢ Participation in Advanced courses of state and national level.
> ➢ Pre-placement Training classes (PPT)
> ➢ Industry visit
> ➢ Vocational Training - during summer and winter recess
> ➢ Debate/Quiz/Assignment

Better career options

The Institution always takes a lead in promoting the awareness about how important career is in life. The T&P section has been very keen in making the students capable to face the real world after their education. Its intention is to develop student in all categories and most importantly in communication skills, aptitude and reasoning. It has paved way in conducting classes about them.

> ➢ The R&D cell continuously puts relentless efforts in bringing the students and faculty research achievements into fore front by giving support financially and ethically.
> ➢ It is a regular practice of the institution to invite expert resource persons to conduct workshops on the development of communication competence among the students.
> ➢ Students are also allotted different responsibilities in organizing various events and activities such as cultural programs, competitions, seminars, workshops etc. In this way they improve their team building and organizational skills.
> ➢ Institute provides in house coaching for preparation of GATE, PGCET which enables the students to go for higher study in institutions of repute.

Community Orientation:

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

regularly practiced in campus to support significance of greenery and also believes in a principle of green world. Help is extended to orphanages and old age homes.

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

➢ The student feedback is taken twice in a semester which enables the college to understand whether curriculum contents are reaching the students or not. Similarly the class review committee meetings give an opportunity to the faculty to understand the needs of the students and initiate corrective steps in teaching and learning processes.

➢ Feedback obtained from students, industrial experts, alumni, parents of the students studying in the college are integrated by IQAC cell and represented to the Board of studies JNTU Kakinada. This helps in enriching the curriculum to a significant extent.

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

➢ The enrichment programs conducted by the institution are evaluated on the basis of student results, placements and students performance in the competitive examinations and feedback from the stake holders. All these aspects are examined from time to time to modify the programs. The feedback in the form of interactions, discussions and suggestions are analyzed by a specially constituted committee and report is submitted to the Head of the Department. An advisory committee of experienced faculty members has been constituted to monitor and evaluate the efficiency and success of these enrichment programs. This committee meets with the higher authorities like Principal from time to time and amends the enrichment programs to meet the desired objectives.

➢ The Institution makes sure that the programs offered in the curriculum and outside the curriculum include contribution to national development, fostering global competencies among students, inculcating a value system

among students, promoting the use of technology and quest for excellence. Efforts are continually made to ensure that the curriculum bears a thrust on these core values which includes the initiative for contribution to national development. The college seeks to address the all-round development of the students enrolled in the various academic programs it offers. The institution also monitors the quality of its enrichment programs by direct and indirect evaluation.

Direct Evaluation is based on following assessment outcomes of:
- Students accomplishments
- Faculty contribution and achievements
- Placements
- Triumphs as disseminated in media/public.
- University results.
- Students enrolled for higher studies.

Indirect Evaluation is based on following assessment outcomes of:
- Industries
- Alumni
- Professional bodies
- Students
- Recruiters
- Parents

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?

Ours is an affiliated Institution to the JNTU Kakinada and therefore there is no direct scope for framing institution's curriculum on its own. The designing and development of courses are done mainly by members of the Board of Studies that is set up by the University. Existing courses are in structured and updated to meet emerging national and global trends. This is done by gathering information

from faculty members which they have gathered during their participation in orientation/refresher courses/seminars. Inputs from alumni, students and other stakeholders are communicated to the University Board of Studies for its consideration in keeping pace with the fast changing needs of the society.

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 institution has a strong feedback mechanism from the following stakeholders with respect to reforms in curriculum to meet the requirements of industry. If any grievances received from the stakeholders related to the curriculum, the same is communicated to the University Board of Studies during the Principals meet.

Students:

The students, who are the primary and most important source of information, furnish Feedback through questionnaire at the end of each academic session. Informal discussions are also held from time to time to derive their responses on the curriculum use. The Principal also interacts with the students to collect their opinion on the curriculum, the methods and extent of implementation.

Alumni:

Alumni Meet provides a platform to ex-students of the college to participate in college activities, and to give their valuable suggestions on the existing curriculum.

Employers:

Employers are given open option to give criticism and suggestions on the curriculum, which is obtained through the feedback Proforma that deals with content relevance, students' participation, course duration, curricular and other activities during the short term training period and also after the candidate joining the organizations.

Parents:

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They are active participants in almost all the activities of the college. A healthy interaction with parents is facilitated and encouraged from time to time.

Academic Peers:

National seminars, conferences, workshops and extension lectures are organized at Institute and this gives an opportunity for faculty to exchange ideas with peer groups in orientation and refresher courses from time to time. Sessions like these provide deep insight into the prospectus of the course.

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 to meet the need of quality PG Students and increasing demand in industry for mechanical engineers:

S.No	Course	Department	Year of Commencement
1	M.Tech(Transportation Engineering)	Civil Engineering	2014
2	M.Tech (thermal)	Mechanical Engineering	2014
3	M.Tech (PE&ED)	Electrical & Electronics Engineering	2013
4	M.Tech (Structural Engineering)	Civil Engineering	2013
5	M.Tech (CE&SP)	Electronics & Communications Engineering	2012
6	B.Tech(Mechanical)	Mechanical Engineering	2012

The rationale for introducing new courses in the institution:

➢ To strengthen and meet based on the changing industry demands.

➢ To improve manpower skills in specialized fields of engineering.

➢ To establish center of excellence in various streams of engineering.

➢ To encouraging research and development among the engineers.

TEACHING – LEARNING & EVALUATION

2.1 Student Enrolment and Profile

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

The college is well known for its quality education, discipline and the institution is ISO 9001:2008 certified. The prospectus of the college will be distributed to the nearby colleges in order to motivate the students to join in our college. The admission process is based on the guidelines provided by Andhra Pradesh State Council for Higher Education (APSCHE) and JNTU Kakinada. An advertisement will be published in leading national/regional daily news papers during the admission time which contains detailed information about the courses, intake of students, eligibility criteria etc. The above information is also furnished in the college website: **www.mvrcoe.ac.in**.

Publicity:

➢ Brochure

➢ Institutional website

➢ Through paper advertisements in reputed newspapers

➢ Advertising in electronic media

➢ Conducting and participating in educational fairs

Transparency:

The college follows academic calendar provided by the affiliating university,

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JNTU Kakinada, Andhra Pradesh. The college admissions are done through counseling. The selection of students is done through admission committees in the counseling center which includes convenor and panel of experts. Therefore the transparency is guaranteed and maintained from the start of notification till the end of admission.

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

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

The institute offers B.Tech, M.Tech and MBA 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 PGECET
MBA	ICET (Integrated Common Entrance Test)

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

➢ The Institutions that are approved by All India Council for Technical Education are permitted to fill NRI seats not exceeding 5% of the sanctioned intake in each course for the academic year. The NRI

candidates (sons and daughters of NRIs) who have passed the qualifying examination with not less than 50% of marks in prescribed group subjects or 50% aggregate marks in the qualifying examination or Cumulative Grade Point Average (CGPA) equivalent to 5 on a scale of 10 shall be admitted.

➢ The remaining seats shall be filled on merit basis with candidates from other States and union territories who have secured a rank in AIEEE (JEE-Main) and secured not less than 45% (40% in case of candidates belonging to reserved categories) of marks in the prescribed group subjects in the qualifying examination.

➢ The seats remaining unfilled from the above shall be filled with eligible candidates on merit basis following eligibility criteria laid down in rule (4) of G.O.Ms.No.74.

➢ Thereafter, if any seats still remain unfilled, such seats may be filled on merit basis with candidates securing not less than 45% (40% in case of candidates belonging to reserved categories) in the prescribed group subjects taken together/aggregate marks in the qualifying examination.

For Management Quota', 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
Master of Business Administration (MBA)	Must have passed any Degree 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, ICET and POLYCET according to the norms laid by APSCHE and University

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

Admission to all courses in the college is strictly done through the guidelines laid by APSCHE and University. Management quota seats are filled on merit basis by giving a paper advertisement in regional and national news papers, further which is ratified by the Higher Education Council of ANDHRA PRADESH.

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, analysis is made according to the ranks allotted by the higher council, regarding their marks secured in qualifying examination, and thereafter utmost care is taken against the students who have secured least marks and for the students who have come from telugu medium, by conducting remedial classes and performing counseling process for their academic development

Mandatory Disclosure

2.1.5Reflecting 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.

The admission process is in the control of APSCHE. Admissions are based on reservation policies of Andhra Pradesh state government. The admission process is as per the reservation policies by the APSCHE. The institution provides the needed facilities and sticks to the governmental policies with regard to the need of the differently–abled students.

SC/ST/OBC/Economically weaker sections:

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

Women:

33% of seats are reserved for women in convener quota as per reservation policy of the state government. They can also compete under open category. A women empowerment & grievance cell, headed by one senior lady staff member, one lady faculty member from each department is constituted. This cell looks after the welfare of girl students and lady staff members.

Differently abled

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

Minority Community:

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

UG Seats (B.TECH):

Category	GENDER	2012-2013	2013-2014	2014-2015	2015-2016
OC	M	191	105	79	105
	F	86	60	41	53
BC-A	M	14	9	10	23
	F	3	3	11	9
BC-B	M	9	11	7	23
	F	03	06	07	13
BC-C	M	--	--	--	01
	F	01	01	--	--
BC-D	M	21	14	05	27
	F	03	03	06	08
BC-E	M	05	06	02	09
	F	--	02	02	01
SC	M	17	29	20	21
	F	06	10	07	09
ST	M	--	02	02	09
	F	--	02	05	01
CAP	M	--	--	--	--
	F	--	--	--	--
NCC	M	--	--	--	--
	F	--	--	--	--

PG Seats (M.TECH):

Category	GENDER	2012-2013	2013-2014	2014-2015	2015-2016
OC	M	16	22	17	14
	F	09	28	19	03

BC-A	M	02	05	05	04
	F	--	02	02	01
BC-B	M	04	03	05	03
	F	--	02	07	01
BC-C	M	--	01	--	--
	F	--	--	--	--
BC-D	M	01	08	03	--
	F	--	03	01	01
BC-E	M	01	--	--	01
	F	--	02	--	02
SC	M	04	08	11	04
	F	02	06	02	02
ST	M	--	04	01	--
	F	--	02	--	--
CAP	M	--	--	--	--
	F	--	--	--	--
NCC	M	--	--	--	--
	F	--	--	--	--

MBA Seats:

Category	GENDER	2012-2013	2013-2014	2014-2015	2015-2016
OC	M	35	20	12	30
	F	08	12	06	13
BC-A	M	10	--	05	05
	F	--	01	--	01
BC-B	M	04	06	01	03
	F	01	03	02	02
BC-C	M	--	--	--	--
	F	--	--	--	--
BC-D	M	14	03	03	13

	F	--	--	--	02
BC-E	M	03	01	01	--
	F	--	01	--	01
SC	M	01	07	01	06
	F	03	02	--	05
ST	M	--	--	--	--
	F	--	01	--	01
CAP	M	--	--	--	--
	F	--	--	--	--
NCC	M	--	--	--	--
	F	--	--	--	--

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

The following information specified the sanction intake and actual admissions for the various programs in MVR College of Engineering & Technology.

UG PROGRAM (B.TECH):

Branch	2015-2016		2014-2015		2013-2014		2012-2013	
	Strength	Enrolled	Strength	Enrolled	Strength	Enrolled	Strength	Enrolled
CIVIL	120	81	120	44	120	75	120	100
EEE	60	40	60	15	60	35	60	50
MECH	120	58	120	29	120	54	60	61
ECE	120	81	120	44	120	55	120	106
CSE	60	52	60	48	60	45	60	44

PG PROGRAM (MBA & M.TECH):

Branch	2015-2016		2014-2015		2013-2014		2012-2013	
	Strength	Enrolled	Strength	Enrolled	Strength	Enrolled	Strength	Enrolled

MBA	180	82	180	31	180	57	180	79
CIVIL (Struc)	24	11	24	16	24	24	--	--
CIVIL (TE)	24	11	24	20	--	--	--	--
EEE (PE&D)	24	10	24	12	24	24	--	--
MEC H(Them)	24	--	24	--	--	--	--	--
ECE (CS&P)	24	03	24	12	24	24	24	15
CSE	24	01	24	13	24	24	24	24

2.2 Catering to Diverse Needs of Students

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

The institution completely abides by the government policies, rules and regulations regarding the needs of differently abled students. The seats are reserved and offered according to the government policies at the time of admission in various programs and courses. The institution has taken strong decisions like holding classes to these students in the ground floor only for the easy accessibility of class rooms and other facilities to them. During the time of examination the institution provides scribe for the students having vision and functional disability. Special classes, counseling sessions are arranged to these students as a part of academic support. These students are also provided with extra time at the time of end examinations as per norms.

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

Mandatory Disclosure

The college arranges "**Orientation Programme**" to the students selected for admission in B.Tech programme along with their parents. Such programmes are useful in educating the aspiring students on the admission procedure and to create awareness in them about the B Tech courses and how they are different from intermediate level studies. It also helps them to know how to excel in the courses of their choice and about the various activities in the college. They are also given information regarding facilities, faculty expertise, rules & regulations, discipline code of the college and the teaching-learning methodology to create awareness about the college. The students and parents are encouraged to express their problems and to elicit other information during induction programme.

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

YES, the college takes utmost care for the enrichment of students by conducting remedial classes, beyond the college hours in the following areas:-

➢ Fundamentals of Engineering Mathematics, Physics
➢ Programming Skills
➢ Communication Skills
➢ Spoken English classes for Telugu medium students
➢ Self-Learning facilities
➢ Bridge course for 1st B.Tech students

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

➢ MVRCOE does not compromise on gender base for faculty, staff and students and the environment in the campus is pollution free with plenty of trees.
➢ MVRCOE, sensitizes its staff, students and local community through women empowerment cell, Grievance redress cell, NSS and Swarna Trust

by conducting various programs.

➢ Moral and ethical values are emphasized by the counselors among the students

➢ Programs will be conducted by women empowerment cell

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

➢ The college supports advanced learners by arranging Guest Lectures, Workshops, CRT Programmes. College also encourages them by giving them access to Digital Library, e-Learning materials and organizing project exhibitions to exhibit their inherent talents in their respective fields.

➢ Encouraging them to publish papers under the guidance of faculty.

➢ Contents beyond curriculum are provided in the class room teaching to enthuse the students to learn new topics. Top-ranking advanced learners are also encouraged to go through some of the advanced courses available in the NPTEL which are not included in the regular Syllabus.

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

➢ MVRCOE, collects, analyses the data of every student through **MVRSIS** (student information system) which is maintained by the college for the enrichment and development of students.

➢ MVRCOE has adopted a new system **CAMP** (College Academic Mentorship Programme) which is a continuous programme for the revival and development. Each mentor is given 10 students. Regular feedback is taken from both students and faculty and necessary actions are

implemented for the raise of academic performance.

➢ All the faculty generally make their lecture notes available to the slow learners if they wish to have.

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.)

➢ As per the academic calendar given by the university the total syllabus is planned accordingly for the entire semester in the form of lectures and tutorials before the commencement of class work.

➢ The course files are maintained effectively for better teaching and learning process.

➢ Academic calendars will be placed in the college website so that parents and students can plan.

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

➢ IQAC activities are looked after by Monitoring Committees such as Academic Affairs Committee, Planning & Evaluation Committee and with the help of HODs and various committee coordinators.

➢ These committees strive for the development of quality benchmarks/parameters for the various academic and administrative activities of the institution.

➢ The committees receive and give timely feedback keeping the vision and Mission, fiscal aspects of commitments and availability of funds and also by being judgmental of the audit procedures.

➢ They enable knowledge disbursal through team work and relentless efforts and promote the research and consultancy by developing state -of-the art infrastructure, ensure timely, efficient and progressive performance of academic, administrative and financial tasks.

- ➢ This promotes synergetic relationship with the industry and society. These committees monitor promotion, implementation and continuous improvement of innovations in Curricular, Co-curricular and Extra-curricular activities of the institution.
- ➢ These committees work towards the enhancement of the learner's knowledge capacity and personality.

2.3.3 How is learning 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?

Faculty has been encouraged by the institution towards interactive learning, collaborative learning and also independent learning. In interactive learning other than traditional style of class room, every department is equipped with an LCD projector and E-Class rooms with internet facility. And also guest lectures and seminars by eminent personalities related to different domains are arranged by the institution frequently. On other hand collaborative learning like seminars/ group discussions and various competitions are conducted regularly, and also for independent learning the students are encouraged to go through various books/ journals/conference papers in library and also to gather information from internet and other sources.

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.

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 thefaculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

MVRCOE provides e-Learning facility for faculty and students to use NPTEL videos, Globerena Material, E-Articles of journals. Faculty will communicate with the students through internet for giving the assignments and class notes will be posted on the internet. Students will be using computer center in a meaningful way for data acquisition in various fields of their interest. This thing is done apart from the syllabus.

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

Faculty is suggested to equip with advance level of knowledge by attending faculty development programs conducted by experts from industry and academic background. These faculty development programs enlighten the teaching

pedagogy and research ability of faculty members to project the students in dynamic manner.

In MVR Technotsav each department organizes its own technical competitions circuit branch students are encouraged to improve their skills in the arena of hardware to match the ongoing industry requirements by doing micro projects on robotics, VLSI fabrication, embedded system etc. Students are also encouraged to think and apply to the concepts which are additional to the syllabus prescribed by the JNTUK

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?

- ➢ MVRCOE has adopted a system CAMP for the development of students. Every faculty is assigned 10 students for their development to meet every situation in life both professionally and socially.
- ➢ MVRCOE organizes motivational, personality development programmes, spiritual and psychological sessions by inviting experts from Rama Krishna Math.

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

- ➢ Black board : Lecture method
- ➢ Tutorial : Interactive method
- ➢ Viva : Project based learning
- ➢ Internet : Computer assisted learning
- ➢ Labs : Experimental learning
- ➢ Auditorium : Seminars

> ➤ Conference room : Guest lectures and group discussions

➤ Prior analysis of each and every student is analyzed on his qualifying examination marks.

➤ Accordingly schedules are prepared for their improvement.

➤ As the students are basically from rural background, several activities are conducted for their personal development.

➤ In addition to the above, CAMP is organized for the continual review process of their academic and personal growth.

➤ Various guest lectures are organized by several people from industry and academia to develop students as ethical technocrats & entrepreneurs.

➤ In addition to above, faculty are well trained by conducting workshops and faculty development programmes to make faculty aware of new trends and technologies.

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

➤ Library is equipped with 500 titles and 20,000 volumes and digital library is equipped with 25 systems connected in LAN, with Internet connectivity of 6 MBPS.

➤ Faculty and Students visit the libraries for enhancement and enrichment of knowledge.

➤ Two books are issued to each student and three books to faculty. One extra book is issued to the final year students for the sake of their higher studies like "Aptitude, Reasoning, verbal, GATE, GRE and personality development books" to help them during the campus placements. Time slot is made available to them for the use of library. Faculty guides the students for the use of library.

➤ Every department in college maintains exclusive departmental library to support the students in enriching the knowledge.

➤ Online Public Access Catalogue (OPAC)

➤ Reprographic Service

- Internet Access
- Reference Service
- Multimedia Service
- Book bank facility for SC & ST students
- Competitive Examination Books
- Old(Previous years) Question Papers from University
- Online Book Renewal
- Book Reservation
- Information Alert Service (Staff, Student)
- Digital Library- E-Books, E-Journals and E-Lectures

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.

- In the academic year 2013-14, during the I Semester, the class work was affected due to Samaikyandhra agitation in Andhra Pradesh and almost 2 months valuable time was lost. To compensate the loss, additional classes were incorporated in the time-table. By doing so, the syllabus was covered in time and the academic work was completed satisfactorily.

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

- MVRCOE 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.
- Review committee will monitor the timely syllabus coverage for quality 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 of the curriculum?

➢ The college takes utmost care in recruiting the faculty members by interview panel consists of Management member, Principal, respective Head of the department, one external expert and two senior members.

➢ Interview process is done in five stages: inviting the applications, screening of applicants qualified for the post, sending call letters and later a technical written test is conducted which is followed by a technical demo of their interested topic.

➢ On the completion of the above mentioned process, a last stage of personal interview is conducted.

➢ After which the list of the qualified and selected people from the above process are sent to the University for ratification.

➢ College takes utmost care in retaining the qualified faculty by giving them suitable pay and perks.

Faculty Details:

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	24	-	-	-	-	-	24
M.Phil.	-	-	04	-	-	-	04

PG	3	-	19	3	83	40	148
UG	-	-	-	-	-	-	-

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

Principal and Heads of the Departments together sit and discuss for conducting guest lectures and Faculty Development Programmes for the development of faculty. There is tremendous improvement in the teaching quality of the faculty during the last three years. Senior faluty is required by offering good pay and other facilities.

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

a) **Nomination to staff development programmes**

Academic Staff Development programme	Number of Faculty nominated			
	2012-13	2013-14	2014-15	2015-16
As Resources persons in	07	09	08	09
FDP	08	13	17	08
Seminars/ workshops	05	19	21	23

b) **Faculty Training programmes 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 once in a semester for the enrichment of their knowledge.

c) Percentage of faculty
Details of Faculty attended FDP, Seminars and Workshops

2012-2013							
Program	CIVIL	EEE	MECH	ECE	CSE	S&H	MBA
As Resources persons in workshops/seminars	2	1	-	1	1	1	1
FDP	1	1	2	1	1	1	1
Seminar/ Workshop	-	-	-	1	-	4	-
2013-2014							
As Resources persons in workshops/seminars	1	1	1	2	1	2	1
FDP	5	1	2	1	2	1	1
Seminar/ Workshop	2	3	3	2	4	3	2
2014-2015							
As Resources persons in workshops/seminars	1	1	2	2	1	-	1
FDP	10	2	1	1	1	1	1
Seminar/ Workshop	6	3	3	3	3	2	3
2015-2016							
As Resources persons in	2	1	1	1	1	2	1

workshops/seminars							
FDP	1	1	1	1	2	1	1
Seminar/ Workshop	6	3	2	5	3	2	2

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

➢ The college supports faculty by providing paid leave for attending:

➢ National / International Workshops.

➢ National / International Conferences.

➢ National / International Seminars / Symposiums.

➢ Faculty Development Programme.

➢ 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 on 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?

➢ Yes, confidential feedback on the performance of the faculty by the

students is obtained twice in a semester, which is analyzed and discussed with head of the department and the Principal for better improvement.

➢ The HOD or the Principal will immediately counsel the faculty, if deficiencies are observed so that the faculty can improve from that point onwards. The faculty with good feedback will be well appreciated which will further strengthen their commitment to the teaching learning process.

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?

➢ University informs the institute about the evaluation process time to time and the same is communicated to the students through CAMP by respective mentors and also through the class in-charges.

➢ For the faculty, the same is communicated by respective departmental heads through departmental meetings.

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?

➢ University adopts the process of evaluating the students through credits.

➢ University continuously monitors the change requirement of the industry with which it is able to matchup with the current syllabus to make the students aware of recent trends and technologies with the help of eminent people forming the BOS committee.

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 institution ensures effective implementation of the evaluation reforms by the following means:

Conducting Examinations

- Conducting all examinations with same discipline and transparency as the external semester end examinations
- The rules and regulations pertaining to conducting of exams will be carefully monitored by the examination department

Publishing Results

- The verified answer scripts will be shown to the students for further clarification which they need
- MVRCOE has stipulated policy of announcing the results of internal examinations
- Based on the results achieved by students a personal counseling is given by their respective faculty members
- Special attention will be shown on poor performers and they are encouraged to perform better by the respective faculty and department head
- Finally the marks are pasted in the notice board

Reviewing Performance of the Students

- The performance of the students will be strictly monitored by the class counselors and HODS. The students are suggested to improve their learning abilities as well as performance in the forth coming examinations
- To enhance the performance of the students, a special care will be taken by the HOD who suggests them to practice necessary steps which will improve the methodology of their learning
- The principal reviews the performance of the students along with all the HOD's and takes necessary steps in the process of teaching learning
- To pacify the limitations of their learning prospects, a special treatment will be initiated by MVRCOE, respective department heads and also the

principal.

Maintenance of Records

➢ The test scripts and results analysis are maintained properly.

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

➢ University itself is the whole and sole authority for implementation of reforms in examination and evaluation.

➢ The institution follows both continuous and end semester exam evaluation as directed by the University.

➢ The evaluation through these approaches gives lot of information about student.

➢ All faculty members follow the formative approach to measure students' achievements & performance through 1) Mid Exams 2) Assignments 3) Online Assessments.

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

➢ The college monitors the progress of the student through their performance in internal/mid examinations, Online tests, quizzes, assignments, projects and final exam and the information is displayed on the notice boards and the same information is sent to their parents by post.

➢ For the entire process, college itself has developed a system called

"MVRSIS" with which the student can be monitored by the teacher and parent.

Below is the analysis of the students in the last four years

B.Tech 2008-2012 Result Analysis

Sl. No	Branch	Registered	Passed	Pass %
1	EEE	54	24	44.44
2	ECE	48	38	79.16
3	CSE	47	37	78.72
4	IT	35	11	31.42

B.Tech 2009-2013 Result Analysis

Sl. No	Branch	Registered	Passed	Pass %
1	EEE	50	29	58
2	ECE	109	60	55.04
3	CSE	46	20	43.47
4	CIVIL	49	37	75.51

B.Tech 2010-2014 Result Analysis

Sl. No	Branch	Registered	Passed	Pass %
1	EEE	57	23	40.35
2	ECE	101	42	41.58
3	CSE	57	35	61.4
4	CIVIL	55	24	43.63

B.Tech Pass %

46   60

57

■ 2008-12   ■ 2009-13   ■ 2010-14
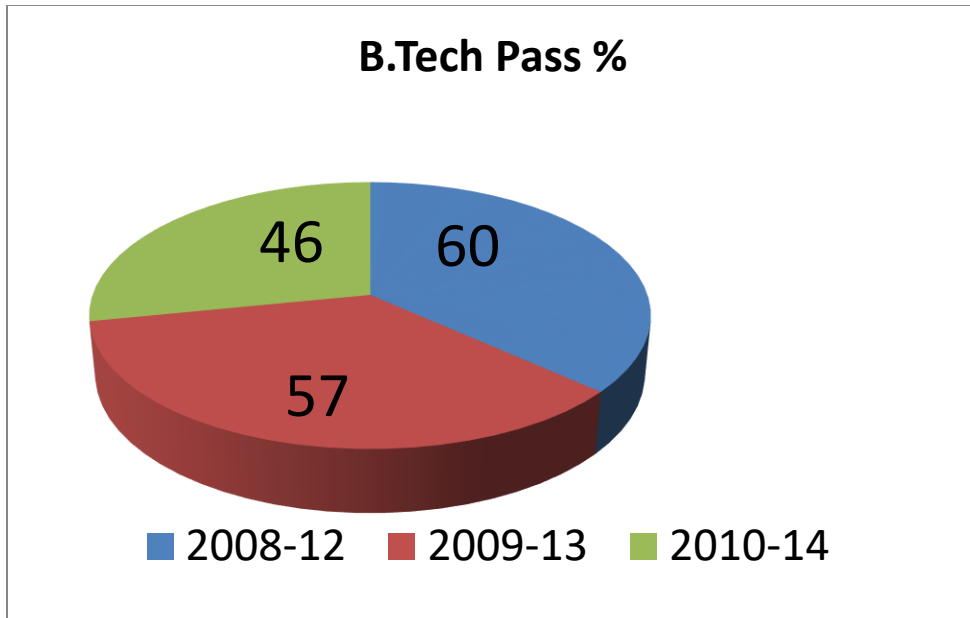
PG (MBA) - 2009-11Result Analysis

Sl. No	Batch	Branch	Registered	Passed	Pass %
1	2009-11	MBA	60	58	96.66

PG (MBA) - 2010-12Result Analysis

Sl. No	Batch	Branch	Registered	Passed	Pass %
1	2010-12	MBA	48	47	97.91

PG (MBA) - 2011-13Result Analysis

Sl. No	Batch	Branch	Registered	Passed	Pass %
1	2011-13	MBA	46	41	89.13

PG (MBA) - 2012-14Result Analysis

Sl. No	Batch	Branch	Registered	Passed	Pass %
1	2012-14	MBA	80	70	87.5

PG (MBA) - 2013-15Result Analysis

Sl. No	Batch	Branch	Registered	Passed	Pass %
1	2012-14	MBA	57	43	75.43

PG (MBA) - 2014-16Result Analysis

Sl. No	Batch	Branch	Registered	Passed	Pass %
1	2012-14	MBA	31	26	83.87

MBA Pass %

[Bar chart titled "MBA Pass %" showing Pass % values: 2009-11: 97, 2010-12: 98, 2011-13: 89, 2012-14: 88, 2012-14: 75, 2012-14: 84]
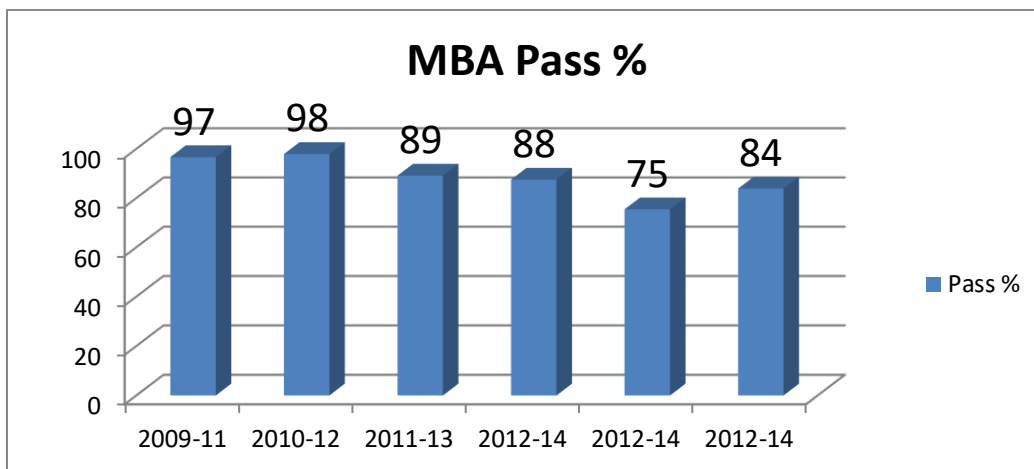
PG (M. Tech) – 2012-14

Sl. No	Batch	Branch	Registered	Passed	Pass %
1	2012-14	CSE	24	24	100
2	2012-14	ECE(CESP)	15	12	80

PG (M. Tech) – 2013-15

Sl. No	Branch	Registered	Passed	Pass %
1	ECE	24	11	45.83
2	CSE	24	17	70.83
3	CIVIL(SE)	24	15	62.50
4	EEE(PED)	24	16	66.66

M.Tech Pass %

61   92

2012-13

2013-15
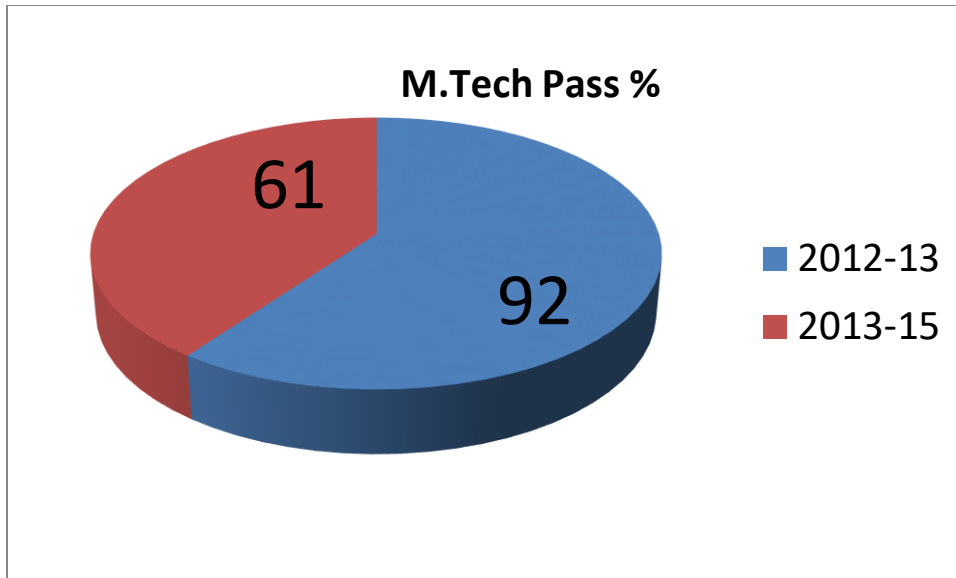
2.5.6 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc).

➤ The college assesses the students continuously by conducting class test after the completion of every chapter and respective measures are taken for his/her improvement.

➤ A graduate, when he completes his engineering course, is expected to possess:

  ➤ Good Technical Knowledge,

  ➤ Working Skills,

  ➤ Right Attitude

➤ The knowledge is gained by the effective teaching in the class room and at the same time the breadth and depth are provided by institute through various activities like guest lectures, seminars, contents beyond curriculum etc.

2.5.7 Does the institution and individual teachers use

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

Yes, through slip tests, assignments and Internal assessment/evaluation is being done for each and every student throughout the semester and their overall performance is identified, and basing on the evaluation done, respective measures are taken.

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

➢ The college evaluation process is crystal clear. After the completion of examinations, answer sheets are handed over to the students for the verification purpose.

➢ The student is made clear about his marks at the University level by Re-Counting and Re-Evaluation process. The institute has to follow the instructions of the University. If the student has any problem, the Principal of the institute communicates to the authority concerned (Controller of Exams or other offices) of University about the grievance of the student.

➢ Once the valuation is done, paper is verified by the student. Later the same is posted to the University and the same is displayed in the notice board for the reference of the students, and marks will be sent to parents by registered post.

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?

➢ The college has clearly stated learning outcomes and has recognized the commitment to teaching and learning that include assessing and documenting and using this information to improve the method of

imparting education. Once the teaching plan is done by the teacher, it has to be followed so as to see that it plays a vital role in executing the task to make the curriculum better. Outcome based education is not only the measure of standard but also the quality which raises the level of the institute. Outcome based education is very practical, as it involves much number of practicals by the student to be done and executed.

➢ Each programme will be mapped to cover some of the following Outcomes:

➢ Supporting the students to work and learn in team basis

➢ Oral presentations will boost the students to eliminate fear on subject and to overcome stage fear

➢ Independent work will support them to know the strength of their learning practice

➢ Continues efforts will manage them to make easier on core subjects like basic sciences, mathematics and principles of engineering which enables them to solve complex problems

➢ The ability to write correct and good computer programs

➢ The ability to complete in ongoing competitive trend

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

The teaching and learning outcomes of MVRCOE are intended to motivate the students and also to encourage to perform well. To facilitate the achievement of outcomes the following strategies are projected:-

Teaching

➢ **Allotment of subjects to the faculty**
  ➢ By knowing the strength of the faculty, partiular subject of faculty's expertise is allotted

➢ **Additional Content beyond the syllabus**
  ➢ Additional concepts beyond the syllabus paved a path to knowledge imparting and critical thinking.

- ➢ **Readiness of the faculty**
  - ➢ Students are supplied with necessary subject materials and tutorial questions by the respective faculty members
- ➢ **Scheduling**
  - ➢ Timetable is prepared for the number of tutorial and practical hours required for each and every subject
- ➢ **Delivery**
  - ➢ Apart from traditional black board teaching, the students are facilitated to modern teaching methods such as LCD/OHP
- ➢ **Learning**
  - ➢ Study hours are conducted firmly on regular basis
  - ➢ Submission of allotted assignment in their respective subjects by the students enabled
  - ➢ Students are motivated to take part in seminars, symposiums and group discussions.

Assessment

- ➢ Mandatory Assessment
  - ➢ Two midterm examinations and one external examination are conducted for each subject
  - ➢ Faculty members of respective subject will evaluate the mid term exams and the university people will evaluate the final exams
  - ➢ In case practical students are evaluated on an ongoing basis internally and finally external exam is also conducted
- ➢ Additional Assessment
  - ➢ Tests like assignments are conducted in order to materialize the learned concepts in written form
  - ➢ Key concepts in particular subjects is repeated twice or thrice in slow learning process

- ➢ Open book test will boost them to be aware of critical concepts
- ➢ Review of Results Analysis
  - ➢ The head of the department will analyze the results of midterm exams
  - ➢ Prompt actions are implemented to ensure teaching and learning
  - ➢ The results will be published by university in website
  - ➢ The Principal will review the results
  - ➢ Class counselors will suggest the students some advice over their performance
  - ➢ Results will be informed to the parents

2.6.3 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 are the measures taken up by the institution to enhance the social and economic relevance of the courses offered:

MVRCOE arranges special training programmes for the sake of students for their professional growth like:

- ➢ CRT Programme
- ➢ Personality Development programme
- ➢ GRE / TOEFL Classes
- ➢ GATE Classes
- ➢ Guest lecturers are arranged for students to impart these programmes

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

Institution has adopted a specific procedure to collect and analyze data by continuous evaluation of weekly tests, assignments, and term papers. By testing the students unit wise, the institute has taken following steps to overcome academic barriers by supplying question banks to students in different subjects.

By showing answer scripts to the students they can analyze their strength and weakness. Measures are taken to maintain minimum attendance to all students and extra class work is also arranged for weaker students to solve the problems.

2.6.5 How does the institution monitor and ensure the achievement of learning outcomes

The achievement of learning outcomes is monitored by institution in the following way:

➢ The slow learners are noticed by the performance in the internal and external exams
➢ Performance and behavior during laboratory hours
➢ Making the students to participate in group discussions and department activities, mini and major projects, and analyzing them
➢ Finally obtaining the student feedback

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

MVRCOE, bridges the gap by conducting remedial classes for the weaker people and also by conducting refresher classes to cope with the courses. For this, continuous assessments and periodical counsellings are done for the improvement of the courses and personal behavior. The institution motivates students to acquire life skills such as Time & Resource Management, Stress Management, Decision Making and Practice of Yoga, encouraging the students to read Newspapers & Journals as a routine to keep updated with the current affairs.

2.6.7. Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

➢ Once the subject is allocated to the faculty they are required to prepare a lesson plan for their syllabus. In that they have to plan how many concepts

they shall be able to complete in one hour and to deliver the concepts what resources are required (LCD, Audio visuals, Multi media etc)all to be mentioned in the lesson plan.

➢ Faculty members have to prepare the material for all these before proceeding into the semester.

➢ Departments maintain a separate usage register for LCD, Audio visuals, Multi media etc, where staff members are required to mention the dates of using these resources.

➢ Audio visuals, Multi media rooms are common to all departments. They can take an appointment and get use of the lab.

➢ Guest Lectures by Industrial Experts (as per their course) are organized periodically every semester to bring in an exposure about work environment at Industries.

➢ In addition to the above mentioned point, Industrial Visits (IV's) are also organized to make the students learn about the recent developments, realize their course related opportunities in industry by gaining knowledge through experience in visiting companies & having a look at the real time applications of their subjects

RESEARCH CONSULTANCY & 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?

YES. The Institute has a research centre but it is not yet recognized by the affiliating University. To improve the research ambience, the institution is encouraging the faculty and students at deprtment level as well as institution lavel by permitting them to attend workshops, conferences, symposiums and also allowing them to conduct these activities at department level as well as at institution level. In addition to this the management also encourages faculty

members to register part time/ full time PhD programs at different UGC recognized Universities and also takes steps to sanction special study leave with remuneration to those who registered for fulltime Ph.D. Our generous management has been providing special funds for various projects also.

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

Yes, the institution has a research committee to monitor research activities in the campus. It has established a special R&D cell which monitors research projects and also guides budding engineers on various innovative projects. It also maintains hard copies of thesis, dissertations, paper publications, reference materials, copies of research journals and provides help on research activities. For research purpose the following committee is constituted:

S.NO	Name of the faculty	Designation
1	Dr. P.V. Naganjaneyulu	Principal and Convener
2	Dr. A. Kiran Kumar	Professor and Member
3	Prof. V. Rama Krishnan	Professor and Member
4	Dr.T. Chenakesavulu	Professor and Member

Functions and Recommendations of R&D Committee are

➢ To promote R&D Consultancy in all the Departments.

➢ To organize workshops/Seminars, conferences in all the departments.

➢ To encourage the faculty and students to participate in workshops/conferences.

➢ To encourage the faculty members to undertake minor and major research projects under various funding agencies.

➢ To encourage the faculty and students to publish research articles in

various national and international Journals.

➢ To monitor the progress of all R&D activities semester wise / year wise.

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

The R&D Committee of the institution involves in the following ways to see the progress of research:

➢ By giving autonomy to the Principal investigator.

➢ By releasing resources in time.

➢ By providing adequate infrastructure and human resources.

➢ By supporting technology and information resources.

➢ By providing special leaves and reducing workload etc.

In addition to that, the college provides financial and moral support to the faculty members by providing a special budget allocation to cater to the needs for participating and publishing papers in national / international conferences/journals.

The institution has allotted a special budget to develop infrastructure, computer facilities and technologies for the researchers.

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

➢ Regular guidance is given by the faculty members to the students in order to take participation in the national and international conferences/workshops.

➢ College has been conducting national technical symposium "MVR Technotsav" every year for the development of students in all aspects. The event includes paper presentation, technical quiz, poster presentations, project exhibition etc. These kinds of events will strengthen the student's attitude towards research and leadership.

➢ "The Best Innovative Idea Award" has been introduced by the college and encouraged it by offering cash prize and a memento. It will be presented every year on the eve of college annual day function.

➢ The research labs are well equipped to meet the needs of both UG and PG

researchers.

➢ The College also conducts workshops/seminars at department level to create awareness of latest and recent trends in engineering and technology.

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

Guiding students:

The faculty member at under graduate level takes all steps to guide them for in house projects and also supports PG students to publish articles/ papers in national/ international journals.

Research Projects of Faculty

The institution has rich experienced faculty in R&D and with this advantage some of the faculty has already applied some innovative abstracts to the funding agencies for the sanction of research funds.

The following faculty members are providing guidance to research scholars to pursue Ph.D.'s at various Universities:

S.No	Name of the supervisor	Department	Area of Specialization	No. of Schedules	
				Full time	Part time
1	Dr.P.V.Naganjaneyulu	ECE	Wireless Communication	-	6

Some of the faculty members are pursuing Ph.D./M.Phil, with the support of institution.

S.NO	NAME OF THE FACULTY	DESG	DEPT	AREA OF SPECIALIZATION
1	CH. SUDHEER	ASST PROF	S&H	ENGLISH

2	K S ARUN KUMAR	ASST PROF	MBA	HRM
3	S SURESH	ASST PROF	MBA	HRM
4	D SRINIVAS	ASSOC PROF	CSE	NETWORKS
5	NAVEEN M	ASST PROF	MECH	ROBOTICS
6	A RAVI	ASSOC PROF	ECE	IMAGE PROCESSING
7	S V NARESH	ASST PROF	ECE	WIRELESS COMM
8	K SHYAM BABU	ASSOC PROF	ECE	RADAR SIGNAL PROCESSING
9	M SHAFI SHASAVAR	ASSOC PROF	ECE	BIO MEDICAL SIGNAL PROCESSING
10	K.SAMAIKYA	ASST.PROF	S&H	ENGLISH
11	C.VENKATESWARULU	PROF	S&H	ENGLISH
12	A.V SATYANARAYANA	ASST PROF	S&H	PHYSICS

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

The institution has organized several Faculty Development Programs, Conferences with the financial support of management. The following is the list of workshops/ seminars conducted by the college to encourage faculty members to pursue research.

S.No	Academic Year	Name of the workshop organized	Resource Persons	Dates
COMPUTER SCIENCES ENGINEERING				
1	2015	A One Day Workshop on Technical Insight on Career	Mr. B. Nagaraju, NIT, Nagaland	29/09/2015

		Development		
2	2015	A Two Day Workshop on Imaging & Multimedia	Mr. P. Mahesh, Director, Elements	12/02/2015-13/02/2015
3	2015	A Three Day Workshop on Android Technology	Mr. D. Srinivas, HOD & Assoc Prof of CSE Dept, MVRCET	17/04/2015-19/04/2015
4	2014	A Two Day Workshop on Oracle Application Development Framework(ADF)	Mr. Rizwan,Senior Project Manager, Oracle Corporation.	19/09/2014-20/09/2014
5	2013	A Two Day Workshop on Game Development on Unity 3D	Mr. P. Hari Prasad, Senior Game Developper, Knowlegde Adventure, Hyderabad	31/05/2013 -1/6/2013
6	2013	A One Day Workshop on Emerging Trends & Industry Practices in Computer Science	Mr. Anudeep Buddha, Consultant Specialist at Virtusa	8/9/2013
7	2012	A Two Day Workshop on Ethical Hacking Workshop	by Mr. Puneet Sharma & Mr. Rahul Chabra, Kyrion Securities, IIT Delhi	10/09/201
8	2012	A one Day Workshop on iPhone Apps	by Team of Yuva Technology, Hyderabad,	12/12/2012
9	2013	A ONE DAY INTERNATIONAL CERTIFICATION PROGRAMME ON CLOUD COMPUTING	Mr. Axel Angeli, CEO of Logos! Informatik GmbH, Germany	20/03/2013
MECHANICAL ENGINEERING				
10	2015	A Two day workshop on NDT Techniques	B. Srinivas Rao,Er Kalva Engineers Pvr ltd,HYD	21-08-2015
11	2014	A Two Day workshop on	Mr Jeevan,Er TEKLA Engineers, Hyd	3-10-2014

		AutoCAD		
12	2014	A one day workshop on Design Machining elements	Dr T Nancharaiah,HOD Mech DMS SVH CE Machilipatnam	23/04/2014
13	2014	A Seminar On Tribological Properties & Enhancing Methods	Dr A Kiran Kumar,HOD Mech ACE Engineering College,HYD	31/10/2014
14	2014	A Guest Lecture On automation & optimization	Dr P Vijay Kumar,Prof Mech LBRCE ,Vijayawada	03/12/2014
15	2013	A Workshop On Modern Welding Techniques	Dr D Srinivasarao,Prof Mech DMS SVH CE, Machilipatnam	21/12/2013
16	2014	Application of phase change materials in cooling buildings	Dr.P.Vijaya kumar Professor,Lbrce	3/12/2014
17	2015	Advances in balancing methods used in rotating shafts	Dr. D.Srinivasa Rao Professor DMSSVHCE	31/1/2015
18	2015	Thermal analysis of nozzles	Dr.T.Srinivas Rao	5/09/2015
19	2015	Crack detection methods using signal processing in machine components	Dr. D.Srinivasa Rao Professor, & HOD, DMSSVHCE	23/09/2015
20	2015	Overview of steam power plant	CH.V.Nagraj, SubEngineer,NTTPS	21/10/2015
21	2015	Overview of steam power plant	CH.V.Nagraj,Sub Engineer,NTTPS	22/10/2015
MASTER OF BUSINESS ADMINISTRATION				
22	2011	SODHANA (A quest for best project)	Dr. K.V.Rao, Rector, Acharya Nagarjuna University.	03/02/2011

23	2012	A seminar on professional ethics	Dr. V. Jyothi, Head, Department of MBA K.B.N.College, P.G Centre , Vijayawada	25/04/2012
24	2013	One day national level workshop on Research methodologies in management studies	1. Dr. A.V.N.Sarma, Rtd. Registrar Acharya Nagarjuna University. 2. Dr. M.S. Chakravarthy, Professor K.B.N. College, Vijayawada.	30/04/2013
25	2013	Importance of Banks in present economic world	Mr.A. Satyanarayana, Assistant Manager, Andhra Bank, Vijayawada	19/02/2013
26	2014	Investor Awareness Program	Mr. G.Sarish, Representative, Bombay Stock Exchange	23/07/2014
27	2014	A one day workshop on Entrepreneurship development	Mr. G.Sudarshan, Chairman, NSIC, HYD, AP	26/11/2014
28	2014	Managing 21st century workforce – a challenge for HR.	Mr.R.Sreedhar, Member, NHRD, Hyderabad	21/11/2014
29	2015	Contemporary Selling Strategies of FMCG Products	Mr. M.V.N.Mani Kumar, Territory Sales Manager, Warangal District, Hindustan Unilever	25/03/2015
30	2015	A guest lecture on Promising Prospects for Young Mangers	Dr. K. Bhanu Prakash Sr. Consultant, NABARD,Hyd	08/10/2015
ELECTRONICS & COMMUNICATION ENGINEERING				
31	2012	Two day Workshop on PCB design of Electronic Circuits	P.Mahesh, Querty Technologies ,Hyderabad	13/9/2012 & 14/9/2012
32	2012	Two Day Work shop on Robotics	M.Deepak Daroch, Kapil Mishra of KYRION	22/12/2012 &24/12/2012
33	2013	One day Workshop on Lab view	G.Karthik,Indo Global Services.	9/05/2013
34	2013	Two Day workshop on Wireless	Mr. M. Anand Kumar, Director, IGS.	9/9/2013 & 10/9/2013

		Communications		
35	2013	Two Day Workshop on Embedded Game Development.	Sandeep Lavantra, Robotics Expert at Technophilia systems Pvt. Ltd.	12/9/2013 & 13/9/2013
36	2013	Summer Research internship program	Professors of JNTU Kakinada	13/5/2013
37	2014	Two Day Workshop on Signal Processing	P.Mahesh, Querty Technologies ,Hyderabad	4/2/2014 & 5/2/2014
38	2015	Two Day work on PCB design	B.Kranthi Kumar,Que Technologies ,Vijayawada	23/1/2015 & 24/1/2015
39	2015	Two Day Work Shop on Imaging & Multimedia	Mahesh.Paladugu/Director , Element School of Visual Arts	12/2/2015 & 13/2/2015
40	2015	Two day workshop on Technologies in ARM Processor	Mayank Ranjan, Cranes Software International Pvt. Ltd Banglore.	16/2/2015 & 17/2/2015
41	2015	Three days Work shop on VLSI Design And Hands On Experience With Programming XILINX	P. Bharadwaj, SAK Informatics, Hyderabad	14/09/2015 to 16/9/2015
42	2015	Two Day Seminar on Devolvement in Telecommunication	L.Laxman,Research Scientist ,C-DOT, Bangalore	5/10/2015 & 6/10/2015
		CIVIL ENGINEERING		
43	2015	One day national seminar on Structural Hazard Allied Knowledge	Dr.GopalRai, Dr.Neelima atyam, Dr.Suriya Prakash, Dr.Pradeep Sarkar	29/08/20105

		of Earthquake (SHAKES/2015)		
44	2015	Three days workshop on GIS	G.V.K. Kasyap Assistant Professor JNTUK	30/10/15
45	2015	Three days workshop on CAD	P Prasad Designer	21/09/2015
46	2015	One Day Guest lecture on Geotechnical Engineering aspects	S.Srinivas Kumar Assistant Engineer APTRANSCO	14/10/2015
47	2014	Two Days workshop on TEKLA Software	Mrs. Jeevana Kamma, MR. M.Suresh	10/10/2014 11/10/2014
48	2015	One Day Guest lecture on "High Rise Buildings"	Babar Baig Assistant Engineer NCC PVT ltd.	05/03/15
49	2015	Guest Lecture on Durability of Concrete	Mr. N.P.N. Murthy	02/03/2015
50	2015	Guest Lecture on Prestressed Concrete	Mr.SK.Bademia	02/04/2015
51	2013	One Day national workshop on Mapping and Modelling wih Arc/GIS	Mr. Md.Naseer Ahmed ,ESRI.Hyd Mr.K.S.Pradeep , ESRI, Hyd	30/8/2013
52	2014	One Day National Level Seminar on Desigmn of Mix Proportion of	Dr.V.Ramarao	10/01/2014

		Concrete		
ELECTRICAL & ELECTRONICS ENGINEERING				
53	2012	Three day national level Workshop on Matlab	V.Naresh, Engineer Director Naresh Technologies	12/09/12 to 14/09/12
54	2012	Medhavi/2k/12 "An excusive technical paper presentation"	S Viswanatham, Assoc Prof ,DMS SVH CE	15/09/2012
55	2013	Two day workshop on Advanced Power Systems	M Ramprasad Reddy,Prof Sri Vasavi Engg college	15/09/13 to 16/09/13
56	2014	A Two day workshop on Supervisory Control on PID	K. Sudhakar Reddy,Prof LBRCE	15/09/14 to 16/09/14
57	2014	Energy conservation week	P Vasanth Kumar ADE,VTPS	03/11/14 to 08/11/14
58	2015	A Three day workshop on Wavelets	B.MadhuKiran, Assoc Prof PSCMRCE,Vijayawada	12/09/15 to 14/09/15
SCIENCE & HUMANITIES				
59	2012	Seminar on Communication Skills	Dr. N.Nalini, Professor, SDM Siddhartha Mahila Kalasala, Vijayawada	12/09/12
60	2012	Guest Lecture on Importance of Global Language	DrB.Raju, Professor, Andhra Loyola College, Vijayawada	15/09/2012
61	2012	Guest Lecture on	Dr.B.V. Rajeswara Reddy,	12/12/2012

		Analysis of Water	Sri Sri Educations	
62	2013	Guest Lecture on Industry Expectations	Dr. P.Purna Chandra Rao, Professor, PVP Siddhartha Engineering, Vijayawada	15/09/2013
63	2013	Guest Lecture on Fuel Technology	Dr.N. Nageswara Rao, Professor, PB Siddhartha College, Vijayawada	14/10/2013
64	2014	Seminar on Teaching English in the class room	Dr. K.Sheela, Professor, KBN College, Vijayawada	15/09/14
65	2014	Seminar on Effective Teaching Methods	Dr.D.Tirupathi Rao, Professor, Department of English, Dravidian University, Kuppam	03/11/14
66	2014	Guest Lecture on Emerging Trends in Physics (Semi Conductor)	Dr.Prasada Rao, KLUniversity	15/12/2014
67	2014	Guest Lecture on Mathematical Skills	Dr.V.Amarendra Babu, Department of Mathematics, Acharya Nagarjuna University	08/10/2014
68	2014	Guest Lecture on Chemistry of Advanced Materials	Dr.Ch. Sudheer, Vikas College of Engineering	07/11/2014
69	2015	Seminar on presentation skills	Dr. S.Surya Prakash, Professor, PB Siddhartha College, Vijayawada	12/09/15
70	2015	Seminar on Group Discussions	Dr. Md. Rehaman, Professor, PB Siddhartha College, Vijayawada	12/10/2015

71	2015	Seminar on Interview Skills	Sri. K.Sridhar, TPO, PB Siddhartha College, Vijayawada	11/11/2015
72	2015	Guest Lecture on Material Science	Dr.Yusufkhan, Professor, Vignan University	13/07/2015
73	2015	Guest Lecture on Dielectrics	Dr. Madhu Mohan, Professor, VVIT	14/10/2015
74	2015	Seminar on Conducting Polymers	Dr. B.Tirumaleswara Rao, Vikas College	14/11/2015
75	2015	Guest Lecture on Some Applications on Mathematical Techniques	Dr.B.Satyanarayana, Professor, Department of Mathematics, Acharya Nagarjuna University	28/01/2015
76	2015	Guest Lecture on New Approaches in Mathematics	Dr.B.Srinivasa Rao, KLUniversity	16/03/2015

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

Our R&D Cell will recommend faculty members who are interested in research. Our faculty members will guide the students to carry out their projects as well as research work.

S.No	Name of the faculty	Designation	Department	Area of Specialization
1	Rushi Santhosh Singh	Assoc. Professor	EEE	Power Electronics
2	Kamal Kiran T	Asst. Prof	EEE	Power Electronics & Control Systems
3	Ch Srinivas	Asst. Prof	EEE	Power Systems
4	Sri Harsha G	Asst. Prof	EEE	Power Electronics

5	Dr. A. Kiran Kumar	Professor	MECH	Thermal engineering
6	K. Sridhar	Assoc. Professor	MECH	Advanced Manufacturing Systems
7	M. Naveen	Assoc. Professor	MECH	CAD/CAM
8	M. Rajesh	Asst. Prof	MECH	CAD/CAM
9	M. Ravi Theja	Asst. Prof	MECH	Machine Design
10	V. G. Priyanka	Asst. Prof	MECH	CAD/CAM
11	Ch. Srilatha	Asst. Prof	MECH	CAD/CAM
12	Y.N.V. Mani Sandeep Kumar	Asst. Prof	MECH	Thermal Engineering
13	T.S. Nataraj	Asst. Prof	MECH	Metallurgy
14	Syed Hmeed	Asst. Prof	MECH	Thermal Engineering
15	N. Pardha Saradhi	Asst. Prof	MECH	Thermal Engineering
16	K. Naga Vishnu	Asst. Prof	MECH	Machine Design
17	Ch. Geetanjali	Asst. Prof	MECH	Metallurgy

18	G. Kiran Kumar	Asst. Prof	MECH	Machine Design
19	Dr.T Chenna Kesavulu	Professor	MBA	Acounting & HR
20	Dr.M Venkateswara Rao	Professor	MBA	Marketing & HR
21	Dr. K.L. Narasimha Rao	Professor	MBA	Acounting & HR
22	N.Siva Surendra	Asso.Prof	MBA	Marketing & HR
23	K S Arun Kumar	Asst.Prof	MBA	Marketing & HR
24	K. Naveen Kumar	Asso.Prof	MBA	Finance & Marketing
25	D.Vasu	Asst.Prof	MBA	Finance & Marketing
26	T.Jagadish	Asst.Prof	MBA	Marketing & HR
27	A.Sirisha	Asst.Prof	MBA	Marketing & HR
28	S Suresh	Asst.Prof	MBA	Finance & Marketing
29	K.Vijaya Lakshmi	Asst.Prof	MBA	Marketing & HR
30	D Anjaneyulu	Asst.Prof	MBA	Marketing & HR
31	P.Satya Saketh	Asst.Prof	MBA	Marketing & HR

32	B V Ramanarao	Asst.Prof	MBA	Finance & Marketing
33	LKDV Satyanarayana	Asst.Prof	MBA	Finance & Marketing
34	K Kunal	Asst.Prof	MBA	Finance & Marketing
35	J Jaydev	Asst.Prof	MBA	Finance & Marketing
36	M Srinivas	Asst.Prof	MBA	Finance & Marketing
37	M Sameer	Asst.Prof	MBA	Finance & Marketing
38	Y Dileep	Asst.Prof	MBA	Finance & Marketing
39	B Sripathi Rao	Asst.Prof	MBA	HR & Marketing
40	B Naveen Kumar	Asst.Prof	MBA	Finance & Marketing
41	M Srikanth	Asst.Prof	MBA	Finance & Marketing
42	Dr. K. Venkatesh Sharma	Professor	CSE	Software Engineering
43	Dr. G. Kishore	Professor	CSE	Image Processing
44	D. Srinivas	Assoc Prof	CSE	Wireless LANS
45	PBVN Prasad	Assoc Prof	CSE	COMPUTER SCIENCE

46	V. Jhansi Lakshmi	Asst.Prof.	CSE	COMPUTER SCIENCE
47	T. Sukanya	Asst.Prof.	CSE	COMPUTER SCIENCE
48	M. Chandra Sekhar	Asst.Prof.	CSE	COMPUTER SCIENCE
49	Y. Siva Ramaiah	Asst.Prof.	CSE	COMPUTER SCIENCE
50	M. Lavanya	Asst.Prof.	CSE	COMPUTER SCIENCE
51	Y. Kiran	Asst.Prof.	CSE	COMPUTER SCIENCE
52	P Gayathri	Asst.Prof.	CSE	COMPUTER SCIENCE
53	G. Jameson	Asst.Prof.	CSE	COMPUTER SCIENCE
54	A. Kalyan Kumar	Asst.Prof.	CSE	COMPUTER SCIENCE
55	Ch. Hemanad	Asst.Prof.	CSE	COMPUTER SCIENCE
56	N. Madhu Bindu	Asst.Prof.	CSE	COMPUTER SCIENCE
57	Dr. R.Bala Murugan	Professor	CIVIL	Disaster management in Tsunami Effected.
58	V.Rama Krishnan	Professor	CIVIL	Public Health and Environment Engineering

59	Thanga Gurusamy	Assoc Prof	CIVIL	Water Resources Engineering
60	G.V.Ramanjaneyulu	Assoc Prof	CIVIL	Structural Engineering
61	Y.Anand Babu	Assoc Prof	CIVIL	Structural Engineering
62	M.Rajesh Kumar	Asst Prof	CIVIL	Structural Engineering
63	Ch.Praveen Babu	Asst Prof	CIVIL	Transportation Engineering
64	M.Balaraj Nayak	Asst Prof	CIVIL	Transportation Engineering
65	P.Gopi	Asst Prof	CIVIL	Transportation Engineering
66	K.Md.Basheer	Asst Prof	CIVIL	M.Sc(geology)
67	M.DurgaRao	Asst Prof	CIVIL	Structural Engineering
68	K.Sai Ramya	Asst Prof	CIVIL	Structural Engineering
69	K.Prudhvi	Asst Prof	CIVIL	Structural Engineering
70	K.Pravalika	Asst Prof	CIVIL	Structural Engineering
71	K.A.Nandini	Asst Prof	CIVIL	Structural Engineering

72	A.Srikanth	Asst Prof	CIVIL	Structural Engineering
73	Ch. Sudheer	Professor	S&H	Developing Report Writing Skills.
74	V.Hareeswarudu	Assoc.Prof	S&H	Normed Measure on A* - Algebra
75	M.Mallleswara Rao	Assoc.Prof	S&H	Material Science
76	Dr.D.Ramesh	Professor	S&H	Fuzzy Algebra
77	Ch. Venkateswara Rao	Asst.Prof	S&H	Indian Literature
78	K.Samaikya	Asst.Prof	S&H	Dravidian Literature
79	A.V. Satyanarayana	Asst.Prof	S&H	Glass Operator
80	Dr.P.V.Naganjaneyulu	Professor &Principal	ECE	Wireless communications
81	Mr. Ch. Srinivasa Kumar	Professor& HOD	ECE	Applied Electronics
82	Mr.M. Shafi Shahsavar	Assoc. Prof.	ECE	Wireless Communications
83	Mr.K.Syam Babu	Assoc. Prof.	ECE	VLSI Design
84	Mr.A.Ravi	Assoc. Prof.	ECE	S&SP
85	Mr.A.Srinivasa Rao	Assoc. Prof.	ECE	VLSI SD

86	Mrs. G.Sree Lakshmi	Assoc. Prof.	ECE	C&SP
87	Mr.V.L Satyanarayana	Assoc. Prof.	ECE	ES
88	Mr.S.Koteswara Rao	Assoc.Prof.	ECE	Int. & CS
89	Mr.N.Siva Govind	Asst.Prof.	ECE	ES
90	Mr.Mandure Rajan	Asst.Prof.	ECE	C&SP
91	Mr.S.Venkata Naresh	Asst.Prof.	ECE	DECS
92	Mr.Ch.Bala krishna	Asst.Prof.	ECE	ES
93	Mr.M.V. Satish Kumar	Asst.Prof.	ECE	ECE
94	Mrs.P.Venkata Supraja	Asst.Prof.	ECE	ECE
95	Ms.Ch.Karuna pravaha	Asst.Prof.	ECE	CE&SP
96	Mrs.V.Navya Sri	Asst.Prof.	ECE	DECS
97	Ms.V.Maheswari	Asst.Prof.	ECE	VLSI
98	Mr.V.Sai Ram	Asst.Prof.	ECE	MWE & RADAR
99	Mr. R.Ranjit Kumar	Asst.Prof.	ECE	CS

100	Mr.S.Teja	Asst.Prof.	ECE	ECE
101	Mrs.R.Adi Lakshmi	Asst.Prof.	ECE	CE&SP
102	Mrs.D.S. Padmavathi	Asst.Prof.	ECE	SSP
103	Mr.P.Pradeep	Asst.Prof.	ECE	VLSI SD
104	Ms.J.Anusha	Asst.Prof.	ECE	CE&SP
105	Ms.Suneela	Asst.Prof.	ECE	ECE
106	Mr.K.Bharadwaj	Asst.Prof.	ECE	VLSI

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

The institution always takes a first step to encourage the faculty and students to develop themselves by interacting with eminent personalities and scientists by inviting them to the campus. The following are the eminent persons invited by various departments during the last 3 years:

Branch	Name of the Resource person	Designation	Year of visit
CIVIL	Mr. M.Ranga Rao	Principal Chirala Engineering College	2015
	Mr. M.Rama Rao	Professor RVR &JC college of Engg. IGS-Secretary	2015

		(Guntur chapter)	
	Dr. T.D Gunneswararao	Professor, NIT, warangal	2015
	Dr. U.Mohana Rao	Rtd. Principal, V.R.Sidhartha Engineering college, Kannur	2015
	S.Srinivas Rao	AE , APTRANSCO	2015
	Y.Yamini	A.E.E	2015
	K.H.Reddy	A.E.E	2015
CSE	Dr. B.V. Subba Rao	Professor, PVP Siddhartha Institute of Technology, Kanuru.	2013
	Mr. Rizwan	Senior Project Manager, Oracle Corporation.	2014
	Dr. Nagaraju Baydeti	Professor NIT, Nagaland	2015
	Mr. Mahesh Paladugu	Director, Element School of Visual Arts	2015
	Mr. Ghanta Subba Rao	Chairman AP State Skill Development Corporation	2014
	Mr. G.Rama Krishna	Technical Officer Software Technology Parks of India RS. No. 7, Govt. Polytechnic College Campus Opp. Stella College, Vijaywada	2012
	Dr. R. Rajeswara Rao.	Associate Professor of CSE. VIZIANAGARAM-533003	2012
	Rahul Chabra	Senior Scientist Kyrion, New Delhi	2012

EEE	Dr. P V R L Narasimham	Prof. & Head, VRSEC	2012
	Dr. Sambasiva Rao	Prof. & Head, NRIA	2013
	Mr. B Madhu Kiran	Assoc. Prof. & Head,VRSEC	2014
	Mr. M M Ramana Prasad Reddy	Assoc. Prof. & Head,VRSEC	2014
	Mr. J Uday Bhaskar	Assoc. Prof. & Head,PVPSIT	2015
	Mr. K Sudhakar Reddy	Professor,PVPSIT	2015
	Mr. M Sreedhar	Prof. & Head, GIET	2015
MBA	Dr.G.V. Chalam	Professor & Chairman BOS, Acharya Nagarjuna University	2015
	Dr. K.Madhusudhana Rao	Head of the Department, KLU Business School, KLUniversity	2015
MECH	Dr. T. S.S. Balaji	Principal, BITS, Kurnool	2015
	Dr. D. Srinivasa Rao	Professor, SVH college of engineering	2015
	Dr. T. Nancharaiah	Assoc. Professor, NIT - Tadepalligudem	2014
ECE	Dr.K.Satya Prasad	Professor,JNTUK, Kakinada	12/9/2012
	Dr.N.Balaji	Professor,JNTUVZ, vizayanagaram	19/02/2013
	CH.Srinivasa Rao	Professor,JNTUVZ, vizayanagaram	10/12/2013

	Mr.G.Babuji,	General Manager, BSNL	9/05/2013
	Dr.K.Babulu	Professor,JNTUK, Kakinada	20/08/2014
	Mr.V.krishna Rao	Sub Divisional Engineer, BSNL , Nandigama	23/8/2014
	Dr. M.N. Giri Prasad	Professor,JNTUA, Ananthapur	7/11/2014
	Dr. Shaik Rafi Ahamed	IITG,Gahuthi	25/08/2015
	Dr. A Narendra Babu	LBRCE,Mylavaram	15/12/2015
S&H	Dr. N.Nalini	Professor, SDM Siddhartha Mahila Kalasala, Vijayawada	2012
	Dr B.Raju	Professor, Andhra Loyola College, Vijayawada	2012
	Dr.B.V. Rajeswara Reddy	Professor, Sri Sri Educations	2012
	Dr. P.Purna Chandra Rao	Professor, PVP Siddhartha Engineering, Vijayawada	2013
	Dr.N. Nageswara Rao	Professor, PB Siddhartha College, Vijayawada	2013
	Dr. K.Sheela	Professor, KBN College, Vijayawada	2014
	Dr.D.Tirupathi Rao	Professor, Department of English, Dravidian University, Kuppam	2014
	Dr.Prasada Rao	Professor,KLUniversity	2014

	Dr.V.Amarendra Babu	Professor ,Department of Mathematics, Acharya Nagarjuna University	2014
	Dr.Ch. Sudheer	Professor ,Vikas College of Engineering	2014
	Dr. S.Surya Prakash	Professor, PB Siddhartha College, Vijayawada	2015
	Dr. Md. Rehaman	Professor, PB Siddhartha College, Vijayawada	2015
	Sri. K.Sridhar	TPO, PB Siddhartha College, Vijayawada	2015
	Dr.Yusufkhan	Professor, Vignan University	2015
	Dr. Madhu Mohan	Professor, VVIT	2015
	Dr. B.Tirumaleswara Rao	Professor, Vikas College	2015
	Dr.B.Satyanarayana	Professor, Department of Mathematics, Acharya Nagarjuna University	2015
	Dr.B.Srinivasa Rao	Professor, KLUniversity	2015

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?

Since the inception of the college, our generous management has been encouraging members involved on various research projects, by offering special leave to the staff and also providing financial support. Many members have been utilizing Sabbatical leave such as

S.No	Name of the Resource person
1	Thanga Guruswami

2	SK.Abdul Rashid
3	K satish Kumar

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)

- ➢ A digital library in the institution supports browsing various national/international journals through DELNET.(Digital Library)
- ➢ The institution organizes project exhibitions, paper, and poster presentations in national level and invites students of other colleges for knowledge sharing.
- ➢ Conducting Departmental seminars among the students.
- ➢ Encouraging students to participate in various workshops, seminars etc
- ➢ Inviting familiar personalities to the campus which allows students to interact with them for the enrichment of their research knowledge.
- ➢ College Management is generous to pay the fee for the workshops and seminars in NIIT's and IIT's.

3.2   Resource Mobilization for Research

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

In the beginning of academic year the management takes steps to allocate 5 to10% of institutional budget for the enrichment of research activities from the inception and such funds will be utilized only for the development of research facilities, projects, paper presentations at national / international conferences.
The Details of Budget in Rupees:

2012-13	2013-14	2014-15	2015-16
391000	283000	32400	50000

The major heads of expenditure of research includes:

Incentives for publications, preparation of proposals, subscription for journals, books, organizing workshops, training programmes, seminars and conferences. Faculty members are financially supported by the management in order to pay registration charges, travelling expenses to attend workshops, seminars and Incentives for their publications in reputed journals.

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

Yes. The college management regularly supports the faculty to participate in various National Level Conferences, Workshops, Seminars, Technical Events, FDPs etc., to upgrade their knowledge at par with industrial standards.

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

The college management always encourages the students by supporting in all aspects to carry small projects in the college laboratories by permitting to purchase raw materials, instruments and equipments etc.,

For any innovative and useful project / model prepared by the students the college management supports to raise funds from the Research and Development budget 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 campus.

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 college Faculty with the help of R&D committee takes on inter-disciplinary research. The Staff members and the students who are concerned in inter-disciplinary research will interact with members of other department and discuss the technical feasibility to take time to time suggestions from the departments. It helps the researchers to complete their task in specific time.

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

All the departments are provided with basic laboratories and infrastructure to carry out basic research in addition to that advanced lab equipment is proposed to purchase in each department and in each laboratory based on the type of research projects.

The labs and other research facilities of the institution are always kept open for both students and faculty members beyond the official working hours. The campus is connected with full fledged LAN facility and is also installed with latest application software packages. Our central library with central computational facility is provided with 10 Mbps shared internet connectivity, which is kept openly accessible. Students can always utilize the lab equipments and internet facility beyond the working hours.

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

Yes, the institution is having MOUs and understanding with local as well as Non Local industries to promote research activities constantly. In addition to that some of the departments are actively involved in applying R&D proposals to different funding agencies etc. Some of the consultancy works taken up by different departments for the last few years are as below:

Mandatory Disclosure

Department of CIVIL:

S.No	Funding Agency	Project Title	Primary Investigator /Designation	Amount	Year
1	Sri Sai Planning Engineers	High grade concrete mix proportion	Y.Anand Babu	30,568/-	2015
2	Sri Sai Planning Engineers	Non Destructive testing methods	Y.Anand Babu	40,236/-	2015
3	Different agencies	Testing,Designg Mix and Surveying	Department Faculty	1,04,596/-	2012-16

Department of ECE:

S.No	Funding Agency	Project Title	Primary Investigator/ Designation	Amount	Year
1	DST-FIST	Cognitive/ Biomedical based project	G.Sree Lakshmi, Assistant Professor	Rs:1.00,000	Applied
2	SAK informatics Ltd,HYD	Electronic wise notice board	V.G.S. Rajendra Prasad	80,253	2014
3	SRS Technology, Vijayawada	Fire alarm Robotics	M.Srinivas	90101	2013

Department of CSE:

S.No	Funding Agency	Project Title	Primary Investigator/ Designation	Amount	Year
1	MVR College	Web	D.Srinivas	Rs.	2015

		Designing		60,000.00	
2	MVR College	Stand alone applications	D.Srinivas	- Rs 40,000.00	2013
3	A.P Guntur Police Department	Mobile Applications	D.Srinivas	- Rs 30,000.00	2014

Department of Science & Humanities:

S.No	Funding Agency	Project Title	Primary Investigator/Designation	Amount	Year
1	CCE	Development of course material for bank PO's	Ch.Sudheer	Rs:25,000/-	2015

Department of Mechanical:

S.No	Funding Agency	Project Title	Primary Investigator/ Designation	Amount	Year
1	Style in-fab	Design of dies fabricate Metal doors	K Sridar	40,000	2014-15
2	Tarn tech engg	Design of vacuum pump molding system	Dr A kiran Kumar	45,000	2015-16

Department of EEE

Sl. No.	Funding Agency	Project title	Primary Investigator/Desi-gnation	Amount	Income Generated	Faculty involved
1.	RK Transformers	Transformer Testing	Mr. Ch Vijay Chandar	15,000	13,000	3
2	Nucon Blocks	Load Survey	Rushi Santhosh	15,000	10,000	2
3	Nucon Blocks	Electrical Maintainance	Rushi Santhosh	10,000	10,000	1
4	Nucon Blocks	Electrical Maintainance	Rushi Santhosh	10,000	10,000	1

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.

For major and minor projects funded by different funding agencies to different departments of the college, refer 3.2.6

3.3 Infrastructure for Research

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

The library is provided access with DELNET e-journals, printed journals, reference material and it always supports the research work of students and faculty. A separate photocopy machine has been installed to fulfill the needs of the researchers. Photocopies will be offered at subsidized prices to all the researchers.

Computer Centre provides high end computing facility. College has interdisciplinary research lab to support the needs of the students as well as faculty members. The college provides laptops to the faculty members, who are involved in research, for their convenience.

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?

In line with the curriculum requirement issued by the affiliating University, the basic infrastructure is available for both under graduate and post graduate courses.

The institute is making continuous efforts in upgrading the laboratories to meet the demand of new era in technology.

All the faculty members are encouraged to participate in faculty development programs, seminars and conferences. Apart from this, institution also conducts different R&D development programs at department level and institution level.

The institutional R&D cell continuously monitors research activities as well as promotion of research at the institution level by:

- ➢ Encouraging to apply for funding in various funding agencies
- ➢ Creating the awareness among the faculty towards recent edge of technologies
- ➢ Updating infrastructure facilities in the laboratories
- ➢ Proper utilization of E-Library facility, Library sources in the institution
- ➢ Providing department wise MOUs with industries.

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

Yes, we have received grants as mentioned in **3.2.6 .**

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

The college provides all the facilities such as accommodation, lab, transportation etc to the researchers. The college has signed MOUs with industries and other agencies for promoting training, research and extension activities in technical education. The institution has a city office located in Vijayawada where systems with broadband internet facility are provided. The college offers free accommodation to the research students/faculty members of other institutions in the campus or in Vijayawada.

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

The college has an information resource center (Library and Internet Centre) to cater to the needs of students and staff. The facilities are:

S.No	Library Resources	Availability Numbers
1	Volumes	19903
2	Digital Library	20 systems
3	Titles	3473
4	International Journals	42
5	Indian Journals	96
6	Magazines	21
7	Back Volumes	1124
8	Daily Newspapers	7

| 9 | Digital Medias ex., CD-Rom | 4 |
| 10 | Electronic Books | 2823 |

S.No	Branches and Specializations	International Journals Subscription	Other Search Magazines
1	B.Tech – CIVIL	6	6
2	B.Tech – EEE	3	3
3	B.Tech – MECH	3	3
4	B.Tech – ECE	7	7
5	B.Tech – CSE	4	4
6	MBA	3	3
7	Science and Humanities	4	4
8	M.Tech – CSE	2	2
9	M.Tech – CSandP	2	2
10	M.Tech – Thermal Engineering	2	2
11	M.Tech – Structural Engineering	2	2
12	M.Tech – Transportation Engineering	2	2
13.	M.Tech – Power Systems	2	2

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

The College has upgraded equipment in some of the departments to carry out consultancy work like UT Machine, high end Configured Systems and total station equipment etc. In addition to this a new computer center is provided for all the researchers who can utilize these facilities beyond the college hours also.

3.4 Research Publications and Awards

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

- Patents obtained and filed (process and product) - NIL
- Original research contributing to product improvement - NIL
- Research studies or surveys benefiting the community or improving the services

The publications from the departments which result in benefiting the improvement towards research. The Computer Science and Engineering Department helped to develop separate software applications to maintain the student data of the institution and also took initiation to develop separate software for passport verification which is beneficial to the society.

PUBLICATIONS:

Academic Year	Total Number of Publications in International/ National Journals	Total Number of Publications in International/ National Conferences
2015-16	35	03
2014-15	47	15
2013-14	28	11
2012-13	28	10

Research inputs contributing to new initiatives and social development:

Research inputs are given to the students and the faculty to know the opportunities ahead for them, and thereby raise their aspiration levels to achieve more.

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

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international database? :

The Institute has a plan to tie up with any peer reviewed research journal from the coming academic year onwards.

3.4.3 Give details of publications by the faculty and students:

The following table shows the publication details of our student and faculty members including with the required details for the last 4 academic years.

S.No	Department	Papers published		Total Number of Publications	Books Published
		Faculty	Students		
1	Computer Science and Engineering	13	5	18	01
2	Electronic and Electrical Engineering	17	14	31	0
3	Mechanical Engineering	12	0	12	0
4	Electronics and Communication Engineering	83	06	89	01
5	Civil Engineering	12	8	20	0
6	Management Studies	8	1	9	01
7	Science and Humanities	16	0	16	0

3.4.4 Provide details (if any) of

➢ Research awards received by the faculty: **NIL**
➢ Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally: **NIL**

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

A reward of half of the conference registration amount is paid to the faculty and students and Rs.1000/- is offered to the faculties for their international journal publications.

3.5 Consultancy

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

Centralized placement cell of the institution interacts with the industries to know job requirement and the placement officer of this institution acts as a liaison officer between the companies and the college. Our institute has good alumni base who are currently working with many reputed companies. This group certainly helps us in campus placements.

An assessment is made periodically by the management to ensure the employability objectives of the department - which makes sure to prepare the students on par with industry standards. Institute explores the possibility of our students to undergo in-plant training and to carry out their academic project work in such industries and also depute our faculty member to undergo industrial exposure during their vacation in reputed industries.

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

The institute has formed a full pledged R and D cell with members having considerable high academic background. The R&D cell consolidates the institution strengths and also supports the students by placing them in the different industries for their academic projects. Faculty periodically have meetings with persons from industry either through their visits or by arranging expert and extension lectures in their respective departments and explore the possibilities for developing industrial consultancy.

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

Faculty members are always encouraged by reducing the academic and administrative work load while executing consultancy works without any limitation. Institute encourages the faculty members to visit industries to supervise the project work carried out by the students in industries and find certain possibilities to ascertain any consultancy/collaboration activities. All the labs of all the departments are made available to industry members by extending the working hours of laboratories for carrying out consultancy services.

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

The Consultancy is provided by the college faculty only on the gratuity basis and the revenue is generated as given below:-

Department of EEE

Sl. No.	Funding Agency	Project title	Primary Investigator /Designation	Amount	Income Generated	Faculty involved
1.	RK Transformers	Transformer Testing	Mr. Ch Vijay Chandar	15,000	13,000	3
2	Nucon Blocks	Load Survey	Rushi Santhosh	15,000	10,000	2

3	Nucon Blocks	Electrical Maintainance	Rushi Santhosh	10,000	10,000	1
4	Nucon Blocks	Electrical Maintainance	Rushi Santhosh	10,000	10,000	1

Department of CIVIL:

S.No	Funding Agency	Project Title	Primary Investigator /Designation	Amount	Year
1	Sri Sai Planning Engineers	High grade concrete mix proportion	Y.Anand Babu	30,568/-	2015
2	Sri Sai Planning Engineers	Non Destructive testing methods	Y.Anand Babu	40,236/-	2015
3	Different agencies	Testing,Designg Mix and Surveying	Department Faculty	1,04,596/-	2012-16

Department of ECE:

S.No	Funding Agency	Project Title	Primary Investigator/ Designation	Amount	Year
1	DST-FIST	Cognitive/ Biomedical based project	G.Sree Lakshmi, Assistant Professor	Rs:1.00,000	Applied

Department of CSE:

Mandatory Disclosure

S.No	Funding Agency	Project Title	Primary Investigator/ Desig-nation	Amount	Year
1	MVR College	Web Designing	D.Srinivas	Rs. 60,000.00	2015
2	MVR College	Stand alone applications	D.Srinivas	- Rs 40,000.00	2013
3	A.P Guntur Police Department	Mobile Applications	D.Srinivas	- Rs 30,000.00	2014

Department of Mechanical:

S.No	Funding Agency	Project Title	Primary Investigator/ Designation	Amount	Year
1	Style in-fab	Design of dies o fabricate Metal doors	K Sridar	40,000	2014-15
2	Tarn tech engg	Design of vacuum pump molding system	Dr A kiran Kumar	45,000	2015-16

Department of Science & Humanities:

S.No	Funding Agency	Project Title	Primary Investigator /Designation	Amount	Year
1	CCE	Development of course material for bank PO's	Ch.Sudheer	Rs:25,000/-	2015

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

The institute has a standardized procedure of sharing the net revenues generated through consultancy services on the gratuity basis to the department and to the people involved in the consultancy.

3.6 Institutional Social Responsibility (ISR) and Extension Activities

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

- ➢ The college management always motivates the student's social participation and also drives them to achieve its goal of providing higher technical education to create equitable society with ethical values.
- ➢ To provide quality based education to the students by inculcating moral values and scientific temper, it is employing state of art technologies. It aims at pursuing excellence towards creating students with high degree of intellectual, professional and cultural development to meet the national and global challenges.
- ➢ The institute is conscious of its role in campus-community connection, wellbeing of its neighborhood and so has initiated a number of community development activities like Organizing NSS Camps by involving students in Blood Donation Camps, making the college play ground available to neighboring communities on weekends.
- ➢ The students of the college visit nearby villages and observe clean and green under a programme known as 'Swatch Bharat' Mission.

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

Through Faculty advisors, the student involvement in various social movement

activities is observed and also motivated. Faculty advisors are the one to give the required permission to students for participating in such activities and continuously monitor their progress in such extension activities. Faculty advisor has to file the student achievement in such extension activities in the respective advisor file for record purposes.

Extra-curricular activities and value education provides avenues for students to become aware of the social environment, the social evils, citizen responsibility and individual contribution to make the society a better place to live in. Periodic and regular meetings are conducted for highlighting the social and ethical values.

The Institute always encourages students to participate in social activities like conducting blood banks, medical camps and literacy programs in the villages with the help of NSS unit of the college. Almost 100 volunteers of the unit participate in the social activities.

The college also played a vital role in conducting the awareness programs to on 'Right to Vote'.

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

Stakeholders such as Students, Parents, faculty members and Alumni of the college are crucial elements of the education system that decide the overall performance and quality of the institution. For smooth functioning of the institute and to cater to the competitive environment, it is mandatory that certain processes to be laid down in order to establish effective linkages between these elements, thereby contributing to the overall improvement in this existing system. In order to address these issues, following steps are undertaken at the institute level by conducting periodic meetings:

Certain forms and formats have been designed to collect feedbacks from the stakeholders. This includes Alumni feedback form, Graduate exit form, Parents feedback form, Employers feedback form, etc. Every year, an Alumni Meet is conducted and the suggestions given by the Alumni are analyzed and suitably implemented. Even we conduct periodical parents meetings and accept any

suggestions for the overall improvement of the campus. Similarly complaint/suggestion boxes are made available for each and every one in the campus for their suggestions and complaints.

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

The outreach activities performed by the college which are related to academic, social, cultural, community service etc., that wrap up in forming a healthy society that contribute to nation building. Institute plans and identifies the groups which may be assigned to carry out outreach programs. Institute's planning for academic outreach programs viz. organizing seminars; expert lectures and extension lectures have already been standardized.

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

The college performs various activities through NSS and other forms of community development services. The college plans to extend the activities of NSS further to reach out for the needy people in nearby villages. During induction, the coordinators of these sections will narrate students on the benefits and scope of the extension activities.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society? :

The college is sensitive to social issues and has instinctively undertaken works related to providing social justice and in empowering students from under privileged and vulnerable section of society as a response to student's feelings. College has organized following social activities:

- ➢ Blood Donation Camps.

- Poster presentation to create awareness about pollution, e-waste, Non-conventional sources of energy.
- Distribution of blankets to under-privileged class.
- Distribution of benches to MPP School.
- NSS has conducted a traffic awareness campaign, highlighting the safety rules.
- NSS has conducted One Day Voters Awareness programme.
- NSS has conducted One Day 'Swatch Bharat' program in Paritala village.

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

The outcome of the extension activities helps a lot to develop the overall personality of the students. These in turn are useful for getting good employment. The extension activities help students to understand real life problems. They can develop lifelong learning skills. They can apply their knowledge to solve community problems. The extension activities expose the students to rural life and initiate possible application of technology to make village life comfortable.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

The institution periodically does the survey to meet the needs of the society and organizes the activities with respect to critical issues concerning the society and environment such as poverty, social injustice, gender bias, pollution evils and the corrective measures to counter them. This makes them aware of their roles to be played in the society. Hence, all these extension activities groom their personality and enable them to take part in nation building process.

Some of the activities that encourage the involvement of community are as follows:

- Rural Camps
- Tree plantation and Environmental awareness camp
- Eye Donation Awareness camps
- Blood donation camps
- HIV Awareness Camps
- Yoga Classes
- Orientation programmes with the presence of eminent personalities in the field of science, medicine, literature, art and social service.

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.

Institute invites the students from the surrounding colleges for under taking social activities like creating awareness about no plastic usage, disposing of e – wastages, blood donation camps and Swatch Baharat. Faculty members also involve and encourage the students in various aspects of the program.

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

The JNTU Kakinada recognizes the activities promoted by the institution under NSS and in this process our institution is awarded as "one of the best NSS units" among the all affiliated institutions.

3.7 Collaborations:

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research

scholarships etc.

The institution conducts periodical meetings with industry experts and research laboratories. The following initiation is taken to have expose towards industry interface:

- ➢ Collaboration with industries and external research laboratories results in student industrial visits, summer internships and student projects.
- ➢ Deputing faculty members for exposure to industrial practices in plant training and industrial visits for students.
- ➢ Guest lectures by industry experts on state of art technologies
- ➢ Also some departments sent project proposals for different funding agencies and waiting for the response.

3.7.2 Provide details on the MOUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

The institution has MOUs/Collaboration with various organizations like JKC, Co cubes and Andhra Pradesh State Skill Development Corporation. Computer Society of India, Wipro machine 10x Oracle Corporation and Oomph Info Solutions Private Limited and Globarena Technologies.

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.

Organization of Industry-Institute Community interactions by inviting scientists and industrialists to deliver guest lectures and to organize workshops and seminars helps the institution in many ways. Faculty and students are trained to meet the technological needs of industry and society.

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 details of eminent personalities who are involved in various academic activities organized by the college and also their campus visits and contribution to the development of the institute are provided in 3.1.8

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 –

- Curriculum development/enrichment:
- This institution is affiliated to JNTU Kakinada. University has the authority to monitor and implement syllabus
- Internship/ On-the-training:
- Collaboration with various industries has been providing an opportunity to the students for industry exposure, acquiring training skills for placements and getting projects from industries.
- Summer placement:
- Collaboration with various industries / organizations has been helping our students to undergo short-term training and internship programmes during summer vacation period for three weeks as prescribed in the University curriculum. The college is able to depute both UG and PG students to industries for taking up live projects and work at industry for short duration period.
- Faculty exchange and professional development:
- Institute arranges workshops, seminars and conferences at department and inter-department levels to exchange the ongoing research activity in the fields of national importance and industry needs. Institute also deputes faculty to exchange their research expertise at workshops, conferences and training programs arranged at other colleges/organizations.

- ➢ Research:
- ➢ The linkages helped in enhancing the research culture in the college.
- ➢ Consultancy :
- ➢ The college plans to enhance the consultancy works through interaction with industry through MOUs.
- ➢ Extension:
- ➢ Our institution has tie-up with good number of NGO/Service Organization for doing lots of extension activities.
- ➢ Publication: (Please refer to faculty publication section for details) Student Placement: List is enclosed refer 3.

Providing job market information and related inputs to students. Pre-placement training from third year onwards by UNEARTH etc. Personality development programmes and frequent assessment tests in aptitude, reasoning and verbal evaluation of students by external assessment agencies

- ➢ Twinning programme: NIL
- ➢ Introduction of new courses: NA
- ➢ Student exchange:

Students are deputed to industries / research organizations during summer vacation for industry exposure and to take up the projects related to industry needs. Experts from industry and research organizations are invited for interactive sessions with students for exchange of knowledge and practical skills making the students meet industry requirements. The departments organize state-wise and inter-collegiate festivals, seminars and technical paper contests and students from various institutions exchange their ideas in thrust areas of engineering and other fields, any other: **NIL**

3.7.6   Detail on the systemic efforts of the institution in planning, establishing   and   implementing   the   initiatives   of   the

linkages/collaborations. Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

➢ College enters into MOU agreements with various establishments mainly to establish the linkages / collaborations related to academic and research activities. Inviting experts from various divisions from other industries for delivering Guest Lectures, key note addresses in conferences, workshops and symposiums.

➢ Establishing Industry-institute interaction cell in the department and conducting of periodical meeting of the cell to give advices for enhancing the collaboration and linkages.

INFRASTRUCTURE & LEARNING PROCESS

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?

From the commencement, our generous administration has taken distinct fascination in building cutting edge base. The establishment considers the accompanying viewpoints with respect to creation and upgrade of infrastructure:

The organization entirely takes after the standards of AICTE and University. Appropriate consideration has been taken particularly in development of

classrooms, labs and procurement of gear and so forth. Extra necessities are recognized by the organization as per the business needs (gear for extra trials, etc.)as takes after: Additional prerequisites to encourage in-house employability aptitudes, preparing departmental affiliation exercises, workshops, courses, festivities, and so on (assembly hall, workshop corridors, e-classrooms, and so on.), Research and Development Cell. Adjustment of cutting edge instructing/learning techniques (Visual/sound gear) Facilitating ICT based autonomous and shared learning (Digital Library, NPTEL recordings, NMEICT, and so on.) Requirement of container and wellbeing focus Creation and upkeep of greenery inside of the grounds. Foundation for games and diversions Creation of all around ventilated classrooms maintaining a hygienic environment all through the grounds. Proper upkeep and support of pleasantries in the grounds.

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.

Details of class rooms, tutorials, seminar halls, library and laboratories:

Particulars			No. of Rooms	Total Area (Sq. Mts.)	Clear carpet area of each room (Sq. Mts.)
Class Roms	UG	B.Tech	32	2112	66
	PG	MBA	06	396	66
		M.Tech.	06	396	66
Laboratories		S&H	03	198	66
		Civil	08	528	66
		ECE	06	396	66

	Mech	08	528	66
	EEE	06	396	66
	CSE	10	660	66
Faculty Rooms		07	462	66
Tutorials		07	231	33
E-Class rooms		07	462	66
Drawing Halls		03	495	165
Seminar Hall		02	330	165
Library		01	400	400
Conference Room		01	200	200

Classrooms

> The Institution has adequate number of open classrooms. All Classrooms are all around outfitted and all around ventilated with advanced educating devices.

Technology enabled learning rooms

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

Seminar Halls

> The Institution has two completely aerated and cooled Seminar Halls with the limits of 300 and 400 persons individually. Course Halls are outfitted with LCD projectors, sound gear, open tending to frameworks and Wifi. These Seminar Halls are utilized for as a part of house employability abilities preparing, departmental affiliation exercises, courses, workshops, symposia and meetings.

Tutorial classrooms

➢ Separate instructional exercise classrooms are accessible in every department for moderate learners and for therapeutic classes.

Laboratories

➢ All labs are all around prepared and all around kept up not just to carry out educational programs but situated lab tests additionally to do research exercise

Specialized facilities and equipment for teaching, learning and research

➢ The college has an exclusive English communication abilities research facility with sight and sound hardware framework. Each division has an e-classroom with a LCD projector and sound hardware. The establishment has two course lobbies with LCD projectors, sound hardware and open tending to frameworks and Computerized library with 20 PCs.

b. Extra –curricular 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 urging and giving offices to understudies to take an interest in outside diversions like Basket Ball, Foot Ball, Volley Ball and Cricket and Indoor Games like Chess, Carroms. The college has NSS group which is effectively undertaking social welfare exercises like blood gift, Plantation of trees in and around adjacent Villages and directing different meaningfull programs around close-by Villages.

Sports:

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The college has dependably made a decent environment in the field of games. The college has been partaking in different, college level competitions since long time. In games, our college gives offices to both indoor and open air recreations.

Outdoor Games:

A play ground with colossal space is accessible for outside diversions like

- **Cricket Net Practice:** The Ground has 65 Mts. Circle and Ground Level is Zero Level
- **Volley Ball Court:** The Institution has two Volley Ball courts with required standard measurements.
- **Basket Ball Court:** The Court has the length of 32 X 22 and is very exciting for playing. Many teams do avail the facilities in the evening hours.
- **Throw Ball Court:** The College has two Throw Ball Courts exclusively for girl students. Girl students avail this facility during their free hours and evening hours.
- **Indoor Games:** Facilities for the indoor games like Table Tennis, Chess, Carroms etc, are provided to students in the college campus.

Auditorium:

The college has a cutting edge, all around prepared acoustic theater for workshops and courses. The seating limit of the corridor is around 800.

NSS:

- College has an NSS unit of 50 understudies. Different socially significant administrations are given by NSS understudies to encompassing towns like leading blood gift camps intermittently.
- Adoption of Slums
- Services in Slums
- Swachh bharat in surrounding villages for cleaning actions.

Mandatory Disclosure

Cultural Activities:

The College has cut out a unique corner for itself in the field social exercises. The understudies sorting out and taking an interest in numerous social exercises like gathering melodies, plays so on and so forth. The College has been consistently taking an interest in the zonal and Inter zonal youth celebrations and University social celebrations. The college likewise composes Annual Day work each year where the understudies take part with energy in numerous social exercises.

Public speaking communication skills development:

Identity advancement projects are frequently directed by the college which include different exercises like open talking and relational abilities improvement and so on. Other than this, the college personnel additionally continue enhancing the understudies with the craft of open aptitudes.

S.No	Club Name	Activities	Co-ordinator
1.	Dance	Dance performance by eminent persons	K.Samaikya
2.	Literary Appreciation	Each week students need with teachers to discuss develop questions & answers	Ch.Venkateswarlu
3.	Music Club	Offers both vocal and instrumental music	P.Jojappa
4.	Painting	Teaches about art and encourages to learn sketching, Painting etc	A.Naga Lakshmi
5.	Photography	Create awareness about	V.Hareeswarudu

		photography	
6.	Green Club	Takes care about greenery in and around the college	G.Purna Chandra Rao
7.	MVR Prerna Club	Placement cell	K.Naveen Kumar

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution/ campus and indicate the existing physical infrastructure and the future planned expansions if any).

➢ The institution considers the following aspects with regard to creation and enhancement of infrastructure:

➢ Least prerequisites according to AICTE and University standards (classrooms, research facilities, gear, and so forth.). Extra prerequisites recognized by the foundation as per the business needs (hardware for extra investigations, and so forth.). Extra necessities to encourage in-house employability aptitudes preparing departmental affiliation exercises, workshops, courses, festivities, and so forth (theater, class corridors, e-classrooms, and so forth.).
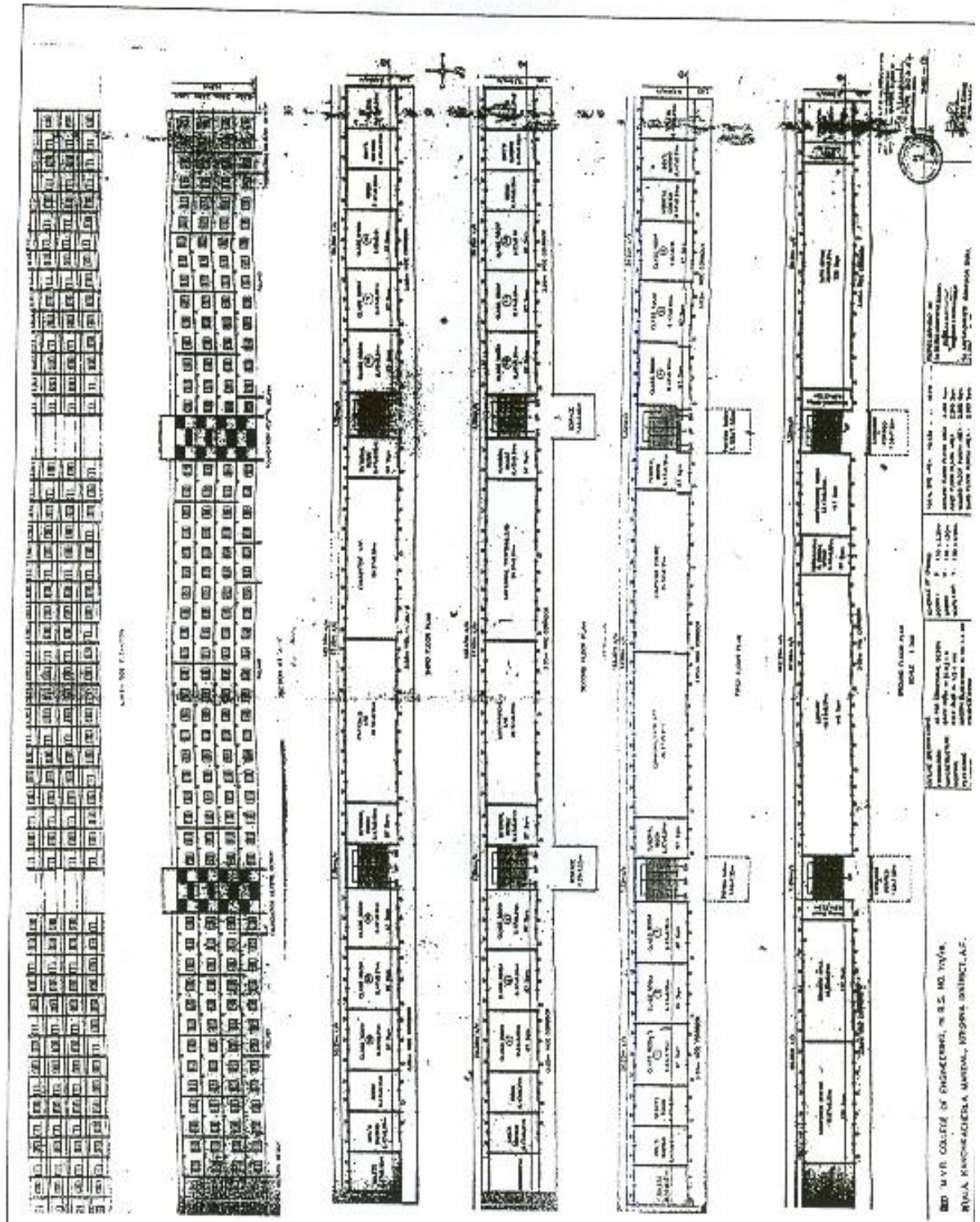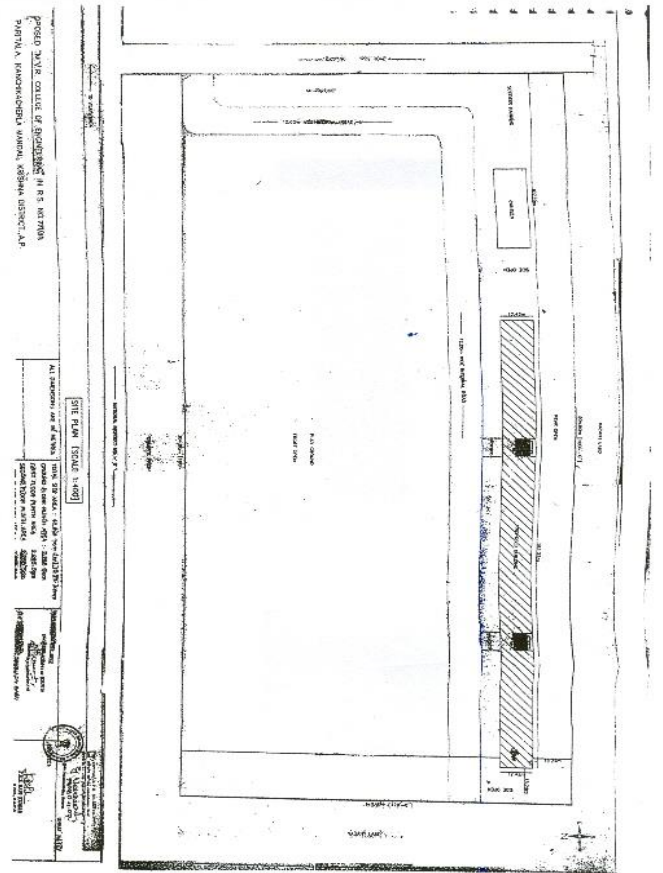
➤ Extra base for Research and Development Cell. Adjustment of present day instructing/learning techniques (Visual/sound hardware). Encouraging ICT based autonomous and communitarian learning (Digital Library, NPTEL recordings, NMEICT, and so forth.). Prerequisite of container and wellbeing focus. Creation and upkeep of greenery inside of the grounds. Foundation for games and amusements. Production of all around ventilated classrooms. Keeping up a hygienic environment all through the grounds. Legitimate support of enhancements in the grounds.

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

➤ The college regards and takes utmost consideration in giving unique departments to physically tested persons/understudies, for example, leading classes in the ground floor, building slopes for giving wheel seats, exceptional restrooms and so forth. So far no such understudy has taken affirmation in our college.

4.1.5 Give details on the residential facility and various provisions available within them:

Hostel Facility:

➤ Hostel is available for both boys & girls separately in the campus, with internet connected Wi-Fi facility of 6Mbps.

Recreation facilities:

➤ Naturally well disposed open space ground for out-entryway entertainment and sound visuals helps (TV, music player, indoor diversions, and so forth.) for in-entryway amusement are given by the foundation. Yoga classes are conducted in the college campus frequently.

Medical room:

> The College and the lodging have emergency treatment community for that the college has named a qualified low maintenance specialist and an attendant to take care of the medicinal help.

Hygiene facilities:

> Every floor has water coolers with RO purifiers with consistent supply of cleansed drinking water to understudies.

Security:

> For legitimate observing, controlling and for security viewpoints great security organizations are utilized.

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

> As to procurements of Health consideration focus, First-Aid room with all crisis life supporting offices is accessible in the college. The college has a rescue vehicle and a named low maintenance specialist to meet medicinal crises for understudies and staff. The college has marked an MoU with a super claim to fame healing center to give treatment in the event of crisis.

4.1.7 Give details of the Common Facilities available on the campus – spaces forspecial units like IQAC, Grievance Redressal unit, Women's Cell, Counselingand Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium etc.

> The academic administration of the college is decentralized and straightforwardness is kept up by constituting the accompanying boards of trustees with senior personnel as individuals:

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S.No	committee	Incharge	Place
1	Internal Quality Assurance Center (IQAC)	Mr. Mirza Shafi	II FLoor
2	Admissions Committee	Mr. M Siva Rama Krishna	Office
3	Examination Committee	Mr. D Srinivasa Rao	Ground FLoor
4	Placement and Training Committee	Dr. Kishore Babu	Ground FLoor
5	Library Committee	Mr. Prasad	I FLoor
6	Students' Welfare & Extracurricular Activities Committee	Mr. K Sreedhar	
7	Alumni Committee	Dr. Kishore Babu	Ground FLoor
8	Anti-Ragging Committee	Mr. CH Sudheer	II Floor
9	Disciplinary Committee	Dr. A Kiran Kumar	I Floor
10	Research and Development Committee	Dr. P V Naganjaneyulu	I Floor
11	Sports and Games Committee	Mr. Vijay	Ground Floor
12	Grievances and Redressal Center (Faculty & Staff)	Dr. Chenna Kesavalu	I Floor
13	Grievances and Redressal Center (Students)		
14	Women Grievance Redressal Center	Ms. Jhansi Lakshmi	
15	Transport Committee	Mr. Srinivasa Rao	Ground Floor
16	Hostel Committee	Mr. B Hanumantha Rao	III Floor
17	Selection Committee	Dr. P V Naganjaneyulu	Ground

18	General Amenities Committee	Mr. D Naga Bhushanam	Floor
19	Purchase Committee	Mr. M Siva Rama Krishna	

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?

➢ Library has the admonitory advisory group comprising of the main as the part secretary, all HODs and bookkeeper as the individuals. It has office of advanced library with adaptable timings (8:00AM to 8:00PM on working days).The panel gathers data from the understudies in regards to the books sought after and takes activity to secure the books according to prerequisites.

4.2.2 Provide details of the following:

➢ Total area of the library (in Sq. Mts.): 400
➢ Total seating capacity:: 150
➢ Working hours (on working days, on holidays, before examination days, during vacation)
➢ On working days : 8 A.M to 8 P.M
➢ On and during examination days: 8 A.M to 8 P.M
➢ During vacation : 10: 00 A.M to 08: 00 P.M

Layout of the library:

➢ The library design has Issue and Return counters, Magazine segment, Back Volumes, Xerox corner, Magazine segment, IT zone for getting to e-assets, Individual perusing carrels, Area for loose perusing and reference.

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

➢ The Library board of trustees audits the books proposed by the college on every subject. Taking into account the recommendations of the individual staff, library will include new titles. The library board of trustees audits the utilization of such books and Journals and acquisition of new Journals.

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

➢ In-house/remote access to e-publications: YES

➢ Library automation: YES

➢ Total number of computers for public access: 20

➢ Total number of printers for public access: 02

➢ Internet band width / speed: 06 mbps

➢ Institutional Repository

➢ Content management system for e-learning: YES

➢ Participation in Resource sharing networks/consortia (like Inflibnet): NPTEL, BEES Software

4.2.5 Provide details on the following items:

➢ Average number of walk-ins: 300/day

➢ Average number of books issued/returned: 100/day

➢ Ratio of library books to students enrolled: 15

➢ Average number of books added during last three years: 4500 volumes

➢ Average number of login to opac (OPAC): 90

➢ Average number of login to e-resources: 90

➢ Average number of e-resources downloaded/printed: 50

- Number of information literacy trainings organized: Twice in a year
- Details of "weeding out" of books and other materials: 100

4.2.6 Give details of the specialized services provided by the library

- Manuscripts: Available
- Reference: YES
- Reprography
- ILL (Inter Library Loan Service): No
- Information deployment and notification (Information Deployment and Notification): YES
- Download: YES
- Printing: YES
- Reading list / Bibliography compilation: Available
- In-house / remote access to e-resources: YES
- User Orientation and awareness: YES
- Assistance in searching Databases: YES
- INFLIBNET / IUC facilities: NO

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

- The library comprises experts, semi-experts and secretarial as staff individuals. The expert and the semi-experts are all around qualified and experienced. They give data bolster administrations to the staff, the understudies and different scholastics in numerous exercises identifying with the different courses offered by the college.

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

- There are no outwardly and physically tested persons. However exceptional seating courses of action are given and library staff will help them.
- The Library staff is giving the accompanying administrations like:

- Paper downloading
- Getting showing assets from distributor
- Maintaining inquiry paper from different colleges
- Issuing books and diaries to staff and understudies.
- Displaying fresh introductions.
- Subscribing scientific journals and magazines.

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 gives criticism frames (direct approach strategy), to get the input from the clients. Recommendations and dissensions, got as criticism, are intermittently checked on and medicinal measures are received for valuable input. This is a consistent practice received in the library. Input information is explored and examined by the library advisory group and fitting steps are taken by the master individuals for the change of the library administrations.

4.3. IT Infrastructure

4.3.1 Give details on the computing facility available (hardware and software) at the institution.

S.No	Configuration	No.of Systems
1	HCL Make -Core2 Duo 1.8GHz, 1GB RAM	75
2	HCL Make -Dual Core 3.2GHz, 2GB RAM	105
3	Wipro Make- Dual Core 2.2GHz, 1GB RAM	65
4	Wipro Note Books-Dual Core 2.2GHz, 1GB RAM	32

5	Dell Optiplex X320-Dual Core 2.4GHz, 2GB RAM	170
6	IBM Xeon Server -1(Domain Server) HP Proliant Server -2 (Fee Management Software, Domain Server) HCL Make-Core2 Duo 1.8GHz, 1GB RAM-1 (Online Exam Server) HCL Make-Core2 Duo 1.8GHz, 1GB RAM-1 (Student Info System)	05

Computer student ratio:

➢ 1:3 for UG students
➢ 1:1 for PG students

Stand alone facility:

➢ Stand alone facility : Yes
➢ LAN Facility: Yes

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

➢ Internet facility is available to all systems in the campus. The college provides one system for every three students and 40 systems are accessible for faculty and also having 4 laptops for each department for portable purposes. The intercampus is optically networked between buildings and cable within the buildings for connectivity. In addition, Wi-Fi facility is provided in specific locations of the buildings. Dedicated bandwidth of 6 Mbps is taken from a single source. In addition each building / department of importance like examination center, research center for online workshops, placement cell and library has additional dedicated bandwidths of 1 - 3 Mbps.

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

➢ Consecutive upgradation arrangements are incorporated into yearly spending plan. The exercises have been arranged in a manner that, the IT framework and related offices are dependably keeping pace with best in class innovation. The college keeps up push on this crucial territory to guarantee nonstop and reliable accessibility tuned in to the developing needs and evolving innovations. The college places parcel of significance on e-learning and up gradation of transfer speed, availability and additionally different enhancements.

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

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

Academic Year	2015-16	2014-15	2013-14	2012-13
Provision in the Annual Budget	15,00,000	12,00,000	60,000	16,00,000
Amount spent	******	11,75,000	55,250	15,81748

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

➢ The college gives advanced library web broadband office for arrangement of showing and learning materials. All the college repositories undertaking reports, research papers, giving IEEE login. In addition, R&D labs having the product devices required for instructing, learning and research object are likewise accessible on the LAN.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher. Internal external marks d forms assignments etc.

➢ Details of computerized hardware and software available in the college as ICT resources:

➢ Hardware: There are 5 centralized servers

➢ All computers are in LAN 6Mbps Internet connectivity from leased line from   NettLinx india ltd. 50 node are marked for exclusive for internet usage. and   another 20 Nodes for Digital Library & Internet Usage.

➢ Licensed Software's:

  ➢ Turbo C++.
  ➢ Redhat Linux (Media+Documentation) Academic Edition.
  ➢ Norton Antivirus Pack.
  ➢ MS Office 2007 Academic Edition.
  ➢ Auto Desk Sketch Book Pro 2015.
  ➢ Auto CAD Design Suite Ultimate 2015-125 Users.
  ➢ ML MATLAB 8.2
  ➢ SL Simulink 8.2
  ➢ SG Signal Processing Tool Box 6.21
  ➢ DS DSP System Tool Box 8.6
  ➢ CT Control System Tool Box 9.7
  ➢ IP Image Processing Tool Box 9.7

- ➢ PS Sim Power System 5.8
- ➢ CM Communication System Tool Box 5.6
- ➢ SS Simscape 3.11
- ➢ C Bloom Bulk SMS Software.
- ➢ Kusalava Software for College Management System.
- ➢ Rosetta stone English Software.
- ➢ Pronunciation Power 2 Language Software.
- ➢ Badge Maker 3400
- ➢ Open Source s/w Fedora, Zorin OS, My Sql, Toncat server, Java JDK7, Libra Office, etc .

- ➢ Total Nodes: 450
- ➢ IBM Xeon Server -1(Domain Server)
- ➢ HP Proliant Server -2 (Fee Management Software, Domain Server)
- ➢ HCL Make-Core2 Duo 1.8GHz, 1GB RAM-1 (Online Exam Server)
- ➢ HCL Make-Core2 Duo 1.8GHz, 1GB RAM-1 (Student Info System)
- ➢ Total 5 Servers
- ➢ All Labs and Central Computing facilities are connected to LAN.
- ➢ Website: The site is redesigned at whatever point new data is to be included with respect to national symposium, classes, workshops, delicate notice, enrollments and as and when required.
- ➢ Organization arrangements to overhaul its PC frameworks and the procurement made in the yearly spending plan for redesign, sending and upkeep of the PCs in the foundation: Systems are bought with 3 years or 5years guarantee and updated the same once the guarantee period is terminated if required.
- ➢ Support of PCs and their embellishments: These are kept up by overseer and specialized group of the college.
- ➢ E-Learning Courses: College caters to the needs of the faculty and the students by providing the access to e-learning content from NPTEL, Globarena & COEERD

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

Yes. The college is under the procedure to wind up a Remote Research Center. The college is wanting to enlist with IIT, Mumbai under the plan of National Mission on Education through ICT (MHRD, Govt. of India), with the backing of the affiliating college JNTUK, Kakinada. We want to end up a Remote Center to lead online workshops, courses, in relationship with IITB, Mumbai.

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

The college has been extending and updating its benefits and offices quickly since the origin tuned in to its vision and key arranging.

The following are the expenses for maintenance and up keeping of college facilities for last four years.

Session	S. No	Infrastructure	Budget Allotted
2013-14	1	Building	77984
	2	Furniture	295562
	3	Computers	208836
	4	Library Books	80469
	5	Lab Equipment	1150914
	6	Vehicles	590124
	7	General	175855
2012-13	1	Building	380685
	2	Furniture	819953
	3	Computers	193240
	4	Office Equipment	3445895

	5	Lab Equipment	190485
	6	Vehicles	449192
	7	General	38224
2011-12	1	Computers	34220
	2	Lab Equipment	12344
	3	Vehicles	685374
	4	General	224010
	5	Office Equipment	72240
2010-11	1	Building	16239522
	2	Furniture	545373
	3	Computers	241800
	4	Library Books	743683
	5	Lab Equipment	1806481
		Office Equipment	134848

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

Every one of the divisions is well kept with offices and hardware including the wellbeing and security. All the division upkeep facilitators will deal with up keeping the support part.

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

Every one of the divisions will complete accuracy measures for the research facility hardware of their concerned lastly college takes up alignment.

4.4.4 What are the major steps taken for location, upkeep   and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

All supplies which are touchy to voltage vacillations are moved down with UPS and voltage stabilizers.

Drinking Water:

Wellspring of consumable water in the grounds is drawn from two bore wells. College has a RO treatment plant to supply delicate water to the detainees. Water will be tried in the science lab of the college before it is circulated to the coolers.

Security:

Organization Security is taken care of by a private security office in three movements round the clock. Security gatekeepers are on obligation at the college fundamental door and stopping regions. Extra security gatekeepers are utilized on exceptional events like games and yearly day or amid any VIP visits and different capacities. The whole grounds and the lodgings are secured by compound divider with one exit. The nearby police station is found in the neighboring grounds.

Electricity:

College has a devoted Express 11 KV Feeder from close-by Local Sub Station. Particulars Capacity Nos Transformer 215 KVA 1

Power backup:

The power room is furnished with generators which are exchanged on promptly if there should be an occurrence of force disappointment. Two circuit testers are extraordinarily named to care for power dispersion and support.

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?

The college publishes its redesigned handbook every year. It comprises all the fundamental data that the understudies need to know. It contains the vision, mission, subtle elements of courses offered, qualification, toppers, college accomplishments, curricular, co-curricular, industry joint efforts, positions and offices accessible which help the understudies to pick the sought course in this foundation.

The complete college profile is accessible in the outline. Consistently the college distributes its scholastic logbook and it is disseminated to understudies. The scholarly logbook comprises commercial mission plan, the points of interest in the subject and also detail of the college working days, the charge subtle elements and the tenets and regulations which the understudies need to observe inside of the college grounds.

The same data, which is distributed in the college outline/Academic date-book, is additionally overhauled on the college site **www.mvrcoe.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:

Details		2015 - 2016	2014 - 2015	2013 - 2014	2012 - 2013
Category	SC	3045750	4763000	4600500	3240600
	ST	168500	592000	517500	199400
	BC	5046000	10115500	10464500	9297700
	EBC	6288000	18350500	18195000	14787000
	Minority	0	1405500	1373500	731400
Total Amount Rs		14548250	35226500	35151000	28256100

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

Around 60% of the students of the college get benefited from these scholar-ships sponsored by the government in the form of fee reimbursement.

5.1.4 What are the specific support services/facilities available for the students from SC/ST/OBC and economically weaker sections?

➤ Scholarship for SC/ST, OBC and economically weaker sections
➤ Understudies with physical handicaps
➤ Monetary help to take an interest in different activities/National and International(students accomplishments)
➤ Therapeutic help to understudies: wellbeing focus, medical coverage and so forth.
➤ Arranging trainning classes for competitive exams
➤ Ability advancement (spoken English, computer literacy, etc.,)
➤ Support for "slow learners" (remedial class)
➤ Exposures of understudies to other organizations of higher learning/corpo-rate/business house and so on.
➤ Publication of student magazines

Mandatory Disclosure

Provide the specific support/facilities at various aspects for the following:

➢ **Students from SC/ST, OBC and economically weaker sections.**

At the season of affirmation the Students from SC/ST, OBC and eco-ostensibly weaker sections are distinguished in view of their validated exposures and the college is keeping up the same record. Other than the Central Govt., and the State Govt grants, other N.G.O. supported grants are given. Those understudies are made mindful of the distinctive sorts of plans that are accessible to understudies from the Social Welfare Department and Government.

➢ **Students with physical disabilities:**

There is 3% reservation for physically disabled, in every class viz. SC, ST, and OBC. Their prerequisites and requirements are given consideration. The Management is resolved to facilitate them on the ground floor for their classes. They are given front-line seating, agreeable furniture and chaperon office. No such cases conceded in MVRCET so far.

➢ **Overseas students:**

According to the AICTE rules, the affirmations are given to abroad understudies. The establishment gives its backing to abroad hopefuls. The foundation does not have any limits to extend its administration to any sort of understudies. At present there are no abroad understudies who have taken confirmation in the college.

➢ **Students to participate in various competitions/National and International/Organizing coaching classes for competitive exams:**

For the national/International Competitive exams like GATE, GRE, IES, UPSC training is given to poor understudies. Aside from this preparation is given for profession movement, soft aptitudes resume readiness, Group Discussion, Interview abilities and so on. Notwithstanding above, understudies are urged to take part in different occasions led by a few universities for which their time away is considered.

➢ **Medical assistance to students: health centre, health insurance etc.:**

Human services offices are accessible in the wellbeing focus. It has 02 quaint little inns drug store. A specialist is accessible in the grounds and he takes care of patient within 5 minutes.

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

The Placement and Training Center of the Institution arranges courses and workshops in delicate aptitudes to situate and prepare the understudies towards vocation and advanced education. The Center takes into account the necessities of understudies by sorting out profession direction, preparing and position exercises frequently. Delicate aptitudes, visitor instructors from the business, scholastic and identity advancement projects are led by the college frequently which will drive the understudies towards profession improvement.

➢ **Support for "slow learners".**

From every class, moderate learners are distinguished by the class instructor. For a group of 15 understudies one mentor is designated by the HOD. The guide will direct their understudies by and by. For those understudies remedial classes are directed in intense subjects after the regular working hours.

➢ **Publication of student magazines.**

The college is willing to bring out a bulletin named "MVR-Magazine" which will be distributed yearly once.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

➢ We are engaged towards giving understudies the best and nothing less to offer our understudies some assistance with building solid vocations. MVRCET, being a fine mix of educationists and business visionaries has predominant relations with corporate houses and different prestigious foundations.

➢ Enterprise Development Center of the college is focused on the reason for empowering business enterprise among understudies who are keen on taking up testing business as their profession. The institution welcomes different eminent business people to share their experience viz., starting with difficulties in the profession and techniques to succeed, different parkways in the business where enterprise is all that much conceivable without much issues.

➢ Addresses and mindfulness projects are consistently led to illuminate the understudies about the delights and issues of business enterprise. Visitor addresses, marketable strategy workshops, contextual analysis workshops, are led during the time to include the understudies in the exercises that are fundamental.

➢ Indeed, even Banks are welcome to lead mindfulness programs on conceivable methods for financing the maturing business people. Area Industries Center is routinely sub-providing different reasonable activities that can be taken up by the growing business visionaries.

Entrepreneurship Committee:

The following is the constitution of the committee of Entrepreneurship center:

ENTREPRENEUR DEVELOPMENT COMMITTEE

Dr.P.V.Naganajaneyulu   **Principal**   **Chair Person**

S.No	NAME	Designation	Department	Committee
1	N.Siva Surendra	Assoc.Prof	MBA	Member/Secretary
2	K.S.Arun Kumar	Asst.Prof	MBA	Member
3	V.L.Satyanarayana	Asst. Prof	ECE	Member
4	M.A.Salma	Asst. Prof	EEE	Member
5	K.Sridhar	Asst. Prof	MECH	Member
6	P.Gopi	Asst. Prof	CIVIL	Member
7	A.V.Satyanarayana	Asst. Prof	S&H	Member
8	A.Kalyan Kumar	Asst. Prof	CSE	Member

Objectives:

The objectives of the "Entrepreneurship Development Center" are as follows:

- ➢ To make mindfulness on business among the understudies.
- ➢ To spur and create business enterprise capacities among the understudies.
- ➢ To lead different business enterprise programs like Training projects, Seminars, mindfulness camps to advance business enterprise among the understudies.
- ➢ To make mindfulness with respect to the wellsprings of assistance and bolster accessible to potential business visionaries.

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.

- ➢ Extra scholastic bolster, adaptability of the calendar of examinations.
- ➢ Exceptional dietary prerequisites, sports uniform and materials.
- ➢ Some other Requirements.

The college has the accompanying Technical understudies Associations which lead different co-curricular exercises:

- ➤ SPARC (Civil)
- ➤ ICAMS(CSE)
- ➤ PEGEMS(EEE)
- ➤ AEEE(EEE)
- ➤ RACE(ECE)
- ➤ MIRACLE(MECH)
- ➤ ZEMM (MBA)

National Level Student Technical Paper Contest relating all branches, "**Technostav**", is organized every year.

The Institution frequently sorts out visitor addresses by famous academicians on rising zones in Engineering and Technology and identity improvement. Understudies and personnel are urged to go to workshops, symposia and present papers for which the administration develops monetary backing. Every Department conducts gatherings of Technical Associations routinely and supports understudies' investment.

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. Effective career guidance services including counseling for higher studies:

- ➤ For viable profession direction, different classes, workshops and symposiums are being sorted out all as the year progressed. Understudies are given essential data and course on different profession alternatives accessible for them as per their stream.
- ➤ Advising sessions are directed on consistent premise to illuminate the

understudies about the streets of advanced education that are open for them. Preparation is granted to those understudies who show up for GATE and other focused examinations.

➢ The Placement and Training Center of the Institution sorts out courses and workshops in delicate abilities to situate and prepare the understudies towards vocation and advanced education. It considers the prerequisites in work sorting so as to bear understudies to get ready and circumstance practices regularly. And also makes workshops on entrepreneurial activities.

Career Guidance Center:

Dr.P.V.Naganajaneyulu   Principal   Chair Person

S.No	NAME	Designation	Department	Committee
1	Dr. G.Kishore	Professor, TPO	CSE	Member/ Secretary
2	Ch.Sri Latha	Asst. Prof	Mechanical	Member
3	G.Srilakshmi	Asst. Prof	ECE	Member
4	Ch.Vija Chandar	Asst. Prof	EEE	Member
5	K.Naveen Kumar	Asst. Prof	MBA	Member
6	Ch.Praveen Babu	Asst. Prof	CIVIL	Member
7	M.Vijaya Lakshmi	Asst. Prof	S&H	Member

Objectives of the Center

➢ To give data about different vocations accessible in this focused world.
➢ To sort out profession advancement courses and workshops.
➢ To welcome organizations to communicate with understudies.
➢ To sort out mindfulness programs on huge regions.
➢ To enact assets for poor understudies to apply for employments.
➢ To sort out visitor addresses on profession advancement by mastery of the field.
➢ To train the understudies in delicate abilities and identity improvement, which are crucial for occupation and achievement profession.

Mandatory Disclosure

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

Academic Counseling:

➢ Faculty rooms / Department Library rooms / Discussion rooms are used for counseling.

➢ Student counseling is conducted once in a fortnight as required.

Personal counseling:

➢ Every student is given equal importance and opportunity to express their problems.

➢ Each is mentored by their guide and if further more required then by the Head of the Department.

➢ The faculty is doing 100% justice in addressing and solving the student grievances.

Career Counseling:

➢ To motivate our students towards better growth in life, career counseling is conducted regularly which helps them.

➢ We have a separate counseling cell that aims at creating positive attitude in students towards profession and its seriousness.

➢ They boost the understudies and increase their confidence level, which results in making them industry ready.

➢ To make students realize how important career is awareness programs and orientations are conducted by inviting people who have reached greater heights in life through hardwork and dedication.

➢ We try to inspire our students who lag in studies by giving abundant examples of great personalities who came up in life only by hard work through special presentations.

Mandatory Disclosure

Availability of counseling facility for psycho-social: (1)

➢ Psychological and psychiatric counseling to the students are arranged through guest lectures and interactive sessions by professional counsellors. These kinds of activities are arranged for every semester of academic program.

➢ For an Engineering student psychological strength is needed to emerge in life and we put full effort to make them grow mentally and gain maturity.

➢ Connection with society is very important for every body.Living to the standards of the expectation of the society plays very dominant role in the life of an engineer. Hence we try to make our students socially acceptable by imparting ethical and moral values to them to live a happy life.

Name of the Counselor:

Dr. K. V. S. G. Murali Krishna, Director
Director, Foreign Universities and Alumni Relations,
JNTU, Kakinada.

Apart from the above, faculty of departments are allotted as counselors for II, III and IV year students to regularly monitor academic and non academic is-sues of the students.

Medical facility nearby

In the event of need restorative offices are accessible at NIMRA Hospital which is situated at a distance of 5KM from the college. At a separation of 20 km propelled therapeutic offices are accessible at Andhra Hospital, Gollapudi.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

Mandatory Disclosure

Department of Placement and Training Center is a committed, undeniable and completely prepared division. It is resolved to supervise preparing and situation exercises for the bigger advantage of the understudies. The college has given complete foundation to powerful working of the office. Preparing exercises are composed during the time in an exertion towards setting up the understudies to secure potential for the ground choice procedures.

The situation cell keeps a track of the meetings held. As and when the outcomes are announced, the cell illuminates the understudies with respect to the determination. Individuals from the arrangement cell give direction to the understudies in formal and casual gatherings. They are taught how to make CVs and different details are sorted out if any.

Following are the soft skills & Aptitude Trainers of the college:

S.No	NAME	POSITION	DEPARTMENT
1	Dr. G Kishore	Head, Training & Placement	Training & Placement
2	Mr. K Naveen Kumar	Assistant Professor	Training & Placement
3	Mr. N Bala Mahesh	Assistant Professor	Training & Placement

Mandatory Disclosure

Seminars / workshops / guest lecturers / training programmes organized as part of training and placement activities (Year-wise):

Academic Year: 2014-15						
Module Description	Any other Contributory Institute/ Industry	Developed /Organized by	Duration	Resource Persons	Target Audience	Usage and Citation etc
Workshop on Aptitude & Interview Techniques	MVRCET	MVRCET	01 Day 09 DEC 2014	Mr. Anil Nair	Students from III & IV Year B.Tech & Final year MBA	Students gained Knowledge in Arthemetic and Reasioning and Interview Skills
Seminar on "Career Oppertunities for Young Engineers"	MVRCET	MVRCET	01 Day 14 NOV 2014	Mr. Ghanta. SubbaRao	Students from II, III & IV Year B.Tech & Final year MBA	Students gained Knowledge on Career Opportunities, after completeing their Coureses
A Programe on Campus Recruitment Training By"Namaste Mahindra"	MVRCET	MVRCET	15 Days 27 DEC 2014 to 03 JAN 2015 & FEB 2015	Mrs Sunitha Rechal & Mr. Bhasker & Mrs	Students from IV Year B.Tech	Students gained knowledge in Communication Skills & Interview Skills, through Skype interviews and Mock Interviews
A Training Programe on Aptitude By "INNATE Solutions"	MVRCET	MVRCET	6 days 27 DEC 2014 to 03 JAN 2015	Mr. Brahma Naidu &Mr. Kalyan	Students from IV Year B.Tech & Final Year MBA	Students gained Knowledge in Arthemetic and Reasioning and logical areas

Mandatory Disclosure

Academic Year: 2013-14						
Module Description	Any other Contributtary Institute/ Industry	Developed /Organized by	Duration	Resource Persons	Traget Audience	Usage and Citation etc
A Campus Recruitment Training Programe By "UN EARTH"	MVRCET	MVRCET	15 Days 17/08/2013 to 31/08/2013	Mr. Shyam, Mr David, Mrs sirisha	Students from IV Year B.Tech & Final Year MBA	Students gained knowledge in Communication Skills & Interview Skills, through Skype interviews and Mock Interviews,Arthemetic and Reasioning and logical areas

Academic Year: 2012-13						
Module Description	Any other Contributtary Institute/ Industry	Developed / Organised by	Duration	Resource Persons	Traget Audience	Usage and Citation etc
A Campus Recruitment Training Programe By "UN EARTH"	MVRCET	MVRCET	10 Days 06/09/2012 to 15/09/2012	Mr. Shyam, Mrs . Alekya, Mr. Raj Gopal	Students from IV Year B.Tech & Final Year MBA	Students gained knowledge in Communication Skills & Interview Skills, through Skype interviews and Mock Interviews,Arthemetic and Reasioning and logical areas

Academic Year: 2011-12						
Module Description	Any other Contributtary Institute/ Industry	Developed /Organised by	Duration	Resource Persons	Traget Audience	Usage and Citation etc
A Campus Recruitment Training Programe By "UN EARTH"	MVRCET	MVRCET	07 Days 17/10/2011 to 23/10/2011	Mr. David, Mrs . Sirisha, Mr. Raj Gopal, Mrs. Alekya	Students from IV Year B.Tech & Final Year MBA	Students gained knowledge in Aptitude Which includes Arthemetic,Reaso ning& Logical areas,Communic ation Skills & Interview Skills, by conducting Mock Interviews

Globarena Center of Excellence for e-Resource Development & Deployment (CoEeRD): Globarena Lunched an Unique program, for Engineering e-learning course for teachers & students. It covers Engineering concepts as per JNTUK Syllabus of the B. Tech program, which can be deployed on LAN and accessible Online through the portal **WWW.jntuk-coeerd.in.** COEeRD is a Collaborative effort of JNTUK and Globarena Technologies.

A.P. Society for Konwledge Networks (JKC):

The College has registered to Jawahar Knowledge Center / Andhra Pradesh Society for Knowledge Networks on 04/08/2014 to facilitate the students, by Providing Employment Opportunities, through Keeping their Profiles up to date in JKC Portal, and also provides Training by IT Associates, Workshops, and also Facilitates Online Assessment for the students.

OOMPFH INFO SOLUTIONS PVT. LTD:

The College Signed an MOU with OOMPFH Info Solutions on 09-03-2015, to Establish Oomph Student Ambassador (OSA) Project, to help the understudies to enhance their aptitudes and offering them to connect organizations by resume some assistance with supporting, Career guidance support by online entry furthermore includes in creating the temporary positions in the separate universities.

Mandatory Disclosure

Placement of Students:

S.No	Name of the Company	Number of Students Placed
Academic year 2014-15		
1	Vision Tek	2
2	Eider Motors	6
3	Kochar Tech	20
4	Blue Whale Solutios	9
5	E-Care India	12
6	Glenwood Systems	5
7	Pentagon Rugged Systems	3
8	GLOBE INFO TECHNOLOGIES	9
9	Genpact	1
10	Serco for Google	8
11	NUCON BLOCKS	5
12	HCL Talent Care	6
13	THYOROCARE	3
		TOTAL: 89

S.No	Name of the Company	Number of Students Placed
Academic year 2013-14		
1	MARUTHI IRRICON PVT.LTD	6
2	SR EDIFICE PVT.LTD	4
3	CADD EXPERTS PVT.LTD	5
4	ACCENTURE	11
5	NEWTONS IT PVT LTD	26
6	SLOCUM	11
		TOTAL: 63

Academic year 2012-13		
S.No	Name of the Company	Number of Students Placed
1	Pratap Technology Services Pvt. Ltd	11
2	Vesrana IT solutions	13
3	SR EDIFICE Pvt Ltd	5
4	Maruthi Irricon Pvt Ltd	10
5	CADD Experts	9
6	Efftronics Systems Pvt. Ltd	10
7	LIC LIFE PLUS	15
8	Quade Soft	2
9	OMEGA SEA SERVICES Pvt. Ltd	18
		TOTAL: 93

Academic year 2011-12		
S.No	Name of the Company	Number of Students Placed
1	AAS	8
2	3 EDGE	8
3	Hcl	10
4	Optimus Global Services	26
5	INDOSOFT	4
6	POLARIS	20
7	Reliance ADAG	7
8	Sriram Life Insurance	13
		TOTAL: 96

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.

Formation of a Grievance Cell in accordance with the provisions of Right to Information Act, 2010. All the grievances addressed by the stakeholders are examined by the Grievance Redressal Committee and appropriate solutions are suggested.

GRIEVANCES AND REDRESSAL CENTER (STUDENTS)

➢ Grievances and Redressal Center is framed with a specific end goal to keep the solid working climate and to maintain the respect of the college by guaranteeing strife free air in the college to elevate friendly Student to Student relationship, Student to instructor relationship and Staff to Staff relations and so forth. This inside likewise helps Students and Parents to record their protestations and take care of their issues identified with scholastics, assets and individual grievances.

➢ Recommendation/protestation Boxes have been introduced at better places in the college grounds in which the Students, who need to stay unknown, put their grievances and their proposals for enhancing the scholastics/organization in the college

➢ Understudies and Parents can hold up a dissension. Understudies can likewise hold up Ragging protest. The individual concerned can by and by methodology and compose/email any individual from the Cell. They can send email on **info@mvrcoe.ac.in** or compose an application and submit it to Cell convener.

Dr. P.V. Naganjaneyulu, Principal   Chair Person

S.No	NAME	Designation	Department	Committee
1	Y.Anand Babu	Assoc.Prof	Civil	Member/ Secretary
2	V.L.Satyanarayana	Asst. Prof	ECE	Member
3	N.Madhu Bindu	Asst. Prof	CSE	Member
4	Ch.Sri latha	Asst. Prof	Mechanical	Member
5	Ch.Srinivas	Asst. Prof	EEE	Member
6	S.Suresh	Asst. Prof	MBA	Member
7	A.Naga Lakshmi	Asst. Prof	S&H	Member

Functions:

➤ A grievance Redressal committee is formed to look in to the complaints from the aggrieved.

➤ Suggestion/ Compliant Box is provided at Office of Principal for students and staff to lodge their complaints/ suggestions.

➤ The report of grievance committee is forwarded to the Principal for further action

➤ The corrective measures are taken and recorded in the register.

➤ Complaints can be sent to **info@mvrcoe.ac.in**

5.1.11   What are the institutional provisions for resolving issues pertaining to sexual harassment?

No such cases have been enrolled till date. A different Women Empowerment Cell is set up which handles particularly lewd behavior with ladies, both understudies and staff.

Mandatory Disclosure

WOMEN GRIEVANCE REDRESSAL CELL

In perspective of the expanding number of young lady understudies in the grounds, Women Grievance Redressal Cell attempts to guarantee that the young ladies feel at home. The cell determines regular issues of young lady understudies furthermore takes up individual instances of inappropriate behavior, if any. Ragging in the inns is completely prohibited, and any enterprise in this appreciation is culpable.

Members:

Dr.P.V.Naganjaneyulu   **Principal**   **Chair Person**

S.No	NAME	Designation	Department	Committee
1	Mrs.Ch.Srilatha	Asst.Prof	MECH	Member/ Secretary
2	Mrs. V. Jhansi Lakshmi	Asst.Prof	CSE	Member
3	Mrs. S.S.G. Sowjanya	Asst.Prof	CIVIL	Member
4	Ms.M.A.Salma	Asst.Prof	EEE	Member
5	Mrs. M.Vijaya Lakshmi	Asst. Prof	S&H	Member
6	Mrs.G.Sri Lakshmi	Asst. Prof	ECE	Member
7	Ms.A.Sirisha	Asst. Prof	MBA	Member

Functions:

➢ The Cell will manage the cases/grumblings of inappropriate behavior and some other kind of badgering towards the female understudies, teaching and non-teaching lady staff of the college.

➢ The Cell might handle all the individual dissensions and make suitable move subsequently in the way and mode according to the college standards.

➢ Majority of the individuals from the Cell are ladies.

➢ At slightest one of the individuals from the Cell is a man with a lawful foundation.

➢ The Cell will give help to the Faculty/universities/Institute for stepping in the matter of sex separation and lewd behavior.

➢ The Cell might frame/survey the rules/approach for redressal of the grievance as required occasionally, which may be as per those issued by Supreme Court and Government Agencies

What action can be taken against the offender?

After it has been demonstrated that the guilty party has enjoyed inappropriate behavior in the work put, a proper correctional move is made against him regardless of his status in the Institute (staff, workforce, and understudy). Where such direct adds up to a particular offense under the Indian Penal Code or under some other law, an objection will be made to the suitable office and action as per the law can be taken. Protests can be sent to info@mvrcoe.ac.in

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?

The college has set up a Discipline Committee and is hostile to ragging. Both boards of trustees work in the same course. The counter ragging advisory group is exceptionally careful with respect to this threat. The strategy of this advisory group is bringing mindfulness. It includes the Head of the Institution and all the Heads of Departments. Employees are alloted to screen the understudies and make well disposed environment among the seniors and freshers. Till date, there is no ragging of any sort accounted for in the college and the demonstration 26 of 1997 of Govt. of A.P/AICTE Rules 2009 are in power. Understudies and folks give oaths at the season of joining about their mindfulness and hostility to ragging measures, and an endeavor not to enjoy them will be taken.

Mandatory Disclosure

Anti-Ragging Committee:

Dr.P.V.Naganjaneyulu   **Principal**   **Chair Person**

S.No	NAME	Designation	Department	Committee
1	Mr. D. Srinivas	Assoc Prof	CSE	Member
2	Mr. M.Siva Rama Krishna	Director	ADMIN	Member
3	Dr. A.Kiran Kumar	Professor	MECH	Member
4	Prof. V.Rama Krishna	Professor	CIVIL	Member
5	Dr. D.Ramesh	Professor	S&H	Member
6	Mr. Ch.Srinivas Kumar	Professor	ECE	Member
7	Mr. Y. Anand Babu	Assoc Prof	CIVIL	Member
8	Mr. Ch. Sudheer	Assoc Prof	S&H	Member
9	Mr. RushiSanthosh Singh Thakur	Assoc Prof	EEE	Member
10	Mr. N. Siva Surendra	Assoc Prof	MBA	Member
11	K.Sridhar	Assoc Prof	MECH	Member

Functions:

- ➢ Formed Anti Ragging Committee comprising senior workforce, headed by Principal.
- ➢ Persons from college as well as from encompassing territories (i.e. occupants and pioneers) are additionally taking part in Anti-Ragging Activities.
- ➢ Committee has made strides and assigned obligations to all the staff individuals at all ranges in the college (i.e. bottle, stopping places, distinctive pieces, play grounds and so forth.) and guaranteed that no less than one employee is available at a specific time at all the areas to abstain from ragging exercises.
- ➢ Committee has taken safeguards to abstain from ragging and offered directions to understudy volunteers and mystery sources likewise at different boarding purposes of the college transports for maintaining a strategic distance from any occurrences.

- Wide campaigning about hostile to ragging, is being done in the types of Flexes, Posters and Boards in college premises and encompassing zones where there is a possibility of ragging.
- Grievances and Redressal cell is additionally a piece of the counter ragging council.
- Many mindfulness programs about Anti Ragging will be led by Anti Ragging Committee as gatherings and PPTs to the senior understudies, workforce and non-college staff.
- Complaints can be sent to antiragging@mvrcoe.ac.in

5.1.13 Enumerate the welfare schemes made available to students by the institution.

The following welfare schemes are made available to the students:

Scholarships & Free Ships:

Particulars about the grants and different free-ships are shown on the notification leading body of the establishment. The grant organizer catches up all the researcher boats of the understudies to be the recipients of the different welfare plans. Correspondingly grants reeived from different local, state and different offices are dispensed to the understudies immediately.

- **Banking Services:**

Central Bank of India is located near the college and students can easily transact for scholarships.

- **Counseling & Placement Service:**

For viable vocation direction, different classes, workshops and symposiums are being sorted out as the year progressed. Understudies are given essential data and course on different vocation choices accessible for them as per their stream.

Advising sessions are led on customary premise to illuminate the understudies about the roads of advanced education that are open for them. Preparation is granted to those understudies who show up for GATE and other competative examinations.

The Placement and Training Center of the Institution sorts out classes and workshops in delicate abilities to situate and prepare the understudies towards profession and advanced education. The Center takes into account the requirements in profession direction of understudies other than sorting out preparing and position exercises routinely. The Center likewise arranges Seminars on Entrepreneurial exercises.

> **Health Services:**

One doctor is available over phone call basis and he can attend to patient within 5 minutes.

> **Subsidized Canteen:**

Additional consideration is taken to give hygienic and nutritive sustenance at sponsored rates in cafeteria.

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?

> It has the qualification of having among its graduated class identities in high positions, academicians, fruitful scientists, industrialists, business people and pioneers of widely acclaimed with their commitments to the improvement and financial thriving of our nation.

> Today the college is positioned among top Private Engineering universities in and around Vijayawada. Numerous organizations have gone to the college grounds for enrollment.

> Every one of the divisions have an extensive graduated class base from which college gets data. These graduated class satisfy parts in the business from distinctive Personalities in different organizations, and personnel. Graduated class of the project have numerous chances to cooperate specifically with the HOD or individual employees by going to Department occasions through-out the year.

Mandatory Disclosure

Members:

Dr.P.V.Naganjaneyulu   Principal   Chair Person

S.No	NAME	Designation	Department	Committee
1	K.Naveen Kumar	Asst. Prof	MBA	Member/Secretary
2	N.Naresh Babu	Asst.Prof	Mechanical	Member
3	Ch.Vijay Chandar	Asst. Prof	EEE	Member
4	R.Ranjith Kumar	Asst. Prof	ECE	Member
5	PBVN Prasad	Asst. Prof	CSE	Member
6	P.Srinivas	Asst. Prof	CIVIL	Member
7	V.Hareeswarudu	Asst. Prof	S&H	Member

Functions:

➢ The MVRCET graduated class MAA (MVR Alumni Association) maintains relations with the passed out students.

➢ Supporting a solid relationship between the Alumni Association and current understudies.

➢ Assisting current understudies and graduated class in profession arranging, situation and moves.

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.

DEPT	Details	2014-15	2013-14	2012-13	2011-12
CIV	UG to PG	9	13	16	NA
CSE		8	9	8	7
ECE		18	13	11	10
EEE		2	9	7	1
ME		NA	NA	NA	NA
MBA	PG to Ph.D.	Nil	Nil	Nil	1
EMPLOYED	CAMPUS SELECTION	86	63	78	96
	Other than Campus Recruitment	3	Nil	15	Nil
	Total	89	63	93	96

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the colleges of the affiliating university within the city/district.

Academic Results:

UG (B. Tech)

Four clumps of B. Tech understudies have gone out from the college. The consequences of all these clusters are empowering. The accompanying figures portray the examination of consequences of the most recent two bunches went out in the years 2013 and 2014.

Academic Year: 2008-12				
Sl.no	Branch	Registered	Passed	Pass %
1	EEE	54	24	44.44
2	ECE	48	38	79.16
3	CSE	47	37	78.72
4	IT	35	11	31.42

Academic Year: 2009-13				
Sl.no	Branch	Registered	Passed	Pass %
1	EEE	50	29	58
2	ECE	109	60	55.04
3	CSE	46	20	43.47
4	CIVIL	49	37	75.51

Academic Year: 2010-14				
Sl.no	Branch	Registered	Passed	Pass %
1	EEE	57	23	40.35
2	ECE	101	42	41.58
3	CSE	57	35	61.40
4	CIVIL	55	24	43.63

Academic Year: 2011-15				
Sl.no	Branch	Registered	Passed	Pass %
1	EEE	39	29	74.35
2	ECE	88	60	75
3	CSE	41	30	73.17
4	CIVIL	50	37	74

PG (MBA)

Academic Year: 2009-11				
Sl.no	Branch	Registered	Passed	Pass %
1	MBA	60	58	96.66

Academic Year: 2010-12				
Sl.no	Branch	Registered	Passed	Pass %
1	MBA	48	47	97.91

Academic Year: 2011-13				
Sl.no	Branch	Registered	Passed	Pass %
1	MBA	46	41	89.13

Academic Year: 2012-14				
Sl.no	Branch	Registered	Passed	Pass %
1	MBA	80	70	87.5

Academic Year: 2013-15				
Sl.no	Branch	Registered	Passed	Pass %
1	MBA	57	43	75.43

Academic Year: 2014-16				
Sl.no	Branch	Registered	Passed	Pass %
1	MBA	31	26	83.87

PG (M. Tech)

Academic Year: 2012-14				
Sl.no	Branch	Registered	Passed	Pass %
1	CSE	24	24	100
2	CE&SP	15	12	80

Academic Year: 2013-15				
Sl.no	Branch	Registered	Passed	Pass %
1	CSE	24	17	70.83
2	CE&SP	24	11	45.83
3	SE	24	15	62.5
4	PE&D	24	16	66.66

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

➤ Preparing and Placement is a basic organ in the college which is working vivaciously to achieve great arrangements amid grounds enlistments. We are engaged towards furnishing understudies with the best and nothing less to help our understudies to assemble solid professions.

➤ MVRCET, being a fine mix of educationists and business visionaries has predominant relations with corporate houses and different prestigious foundations. Our position group works round the year to guarantee fruitful and respectable arrangements with regarded associations.

➤ MVRCET Conducted a few counterfeit tests, mock GD's, mock meetings and mock interviews to make the understudies prepared for meeting.

➤ MVRCET has been fruitful in setting 40% of its 2013 go out bunch with the best of the associations, 45% of its 2014 go out groups and is submitted towards accomplishing 80% placements in the coming days.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

The institution is focused to cut down the disappointment and dropout rates. Financial, social and mental issues add to the disappointment and drop out element. To manage the socio-social issues, the vocation direction and advising cell and grievance cell address the issues of the understudies and once in a while of the folks with respect to their wards. Various educators in the college volunteer to stretch out budgetary backing to the destitute understudies. Medicinal classes are leading for the weaker understudies.

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 MVR Technostav and College Day are conducted for the students which include all types of sports, cultural and other extracurricular activities. For the academic year 2015-2016 some of the sports event calendar is scheduled as below

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.

2010-2011					
S.No	Name of the student	Class	Prize	Event Name	College/ University
1	G.RaviTeja, A.Venkateswara Rao, J.Kiran Kumar	II MBA	II prize	ConQursO MICEX	SRK Institute of Technology

2	Ch. Gopi, Ch.Rajesh, B.Srinu, G.S. Avinash	II MBA	Runner	ConQursO Masti-mazza	SRKIT
3	Ch. Gopi, Ch.Rajesh, B.Srinu, G.S. Avinash	II MBA	I Prize	MAST	KBN College
4	P.Ravindra Babu	II CSE	Best Paper	Lakshya	LBRCE Mylavaram
5	B.Siva Bandavi	II CSE	Best Paper	Lakshya	LBRCE Mylavaram
2011-2012					
1	1.Swapna, 2.Deepika.G, 3.Deepika.P, 4.Raviteja.A.V	II MBA	Winner	ATHENA	ALIT
2	K.Praneeth Kumar Reddy A.Vamsee Deep S.Jaswanth Kumar	I MBA	II prize	Business Quiz	Vignan University
3	1.A.Vamsee Deep 2.S.Jaswanth Kumar 3.A.Sirisha	I MBA	II prize	Market Makers	PVPSIT
4	D.S. Lakshmi	II CSE	Best Paper	Annual Event	Priyadarsini Institute of Science &Technology
5	G. Anusha	II CSE	Best Paper	Annual Event	Priyadarsini Institute of Science & Technology,
6	T. Manaswini	II CSE	Best Paper	Annual Event	Priyadarsini Institute of Science & Technology Nandigama

7	T.Pradeep Kumar	III EEE	I Prize	Model exhibition	Guntur Engineering College, Guntur
8	A. Prasanthi	IV Civil	I Prize	Uniquest	Universal College, Guntur
9	M.V Sai Sarath	IV Civil	II prize	Your Fest	Usha Rama College
10	S. Bhavya	IV Civil	II prize	Your Fest	Usha Rama College
11	P. Manohar	IV Civil	I Prize	Nirvighna	NRI
12	M.Durga Rao	IV Civil	I Prize	Uniquest	Universal College, Guntur
13	B.V.Sasi Kumar	IV Civil	II prize	Uniquest	Universal College, Guntur
14	P. Phani Teja	IV Civil	II prize	Uniquest	Universal College, Guntur
15	J. Sowjanya	IV Civil	I Prize	Uniquest	Universal College, Guntur
2012 -2013					
1	K.Praneeth Kumar Reddy B.Sravan Kumar	II MBA	II prize	Finance Game	KL University
2	K.Praneeth Kumar Reddy A.Sri Krishna P.L.Kiran	II MBA	II prize	Business Quiz	GEC
3	K.Praneeth Kumar	II MBA	I Prize	Essay Writing	Road Transport Association
4	K.Praneeth Kumar A.Sirisha	II MBA	I Prize	Strategic Game	SRKIT
5	K.Praneeth Kumar A.Vamsee Deep S.Jaswanth Kumar	II MBA	I Prize	Business Quiz	PB.Siddhartha
6	K.Praneeth Kumar A.Vamsee Deep S.Jaswanth Kumar	II MBA	I Prize	Business Quiz	VR.Siddhartha
7	K.Praneeth Kumar A.Vamsee Deep S.Jaswanth Kumar	II MBA	I Prize	Business Quiz	Maris Stella

8	J. Lokesh	II CSE	Best Paper	Samyak	KLU Vaddeswaram
10	K.Venu Babu	II CSE	Best Paper	Technotsav	MVR College of Engineering & Technology
11	S. Chandra Kanth	II CSE	Best Paper	Samyak	KLU Vaddeswaram
12	U. Krihna Kanth	II CSE	Best Paper	Samyak	KLU Vaddeswaram
13	T. Priyanka	III EEE	II prize	Model exhibition	Akula Gopayya Engineering College
14	A. Mounika	III EEE	I Prize	Paper Presentation	Mandava Institute of engineering,Jag gayyapeta
2013-2014					
1	Ch.Srinu Babu V.Bhagya Sasidhar M.Girish Babu V.RamaKrishna B.Srinivasa Rao M.Prabhu Kumar	I MBA	I Prize	Mime	Vignan University
2	Ch.Srinu Babu V.Bhagya Sasidhar M.Girish Babu V.RamaKrishna B.Srinivasa Rao M.Prabhu Kumar	I MBA	I Prize	Skit& Mime	Sunflower COET
3	V.Bhagya Sasidhar	I MBA	I Prize	Mono Action	MIC
4	V.Bhagya Sasidhar	I MBA	II prize	Mono Action	Nalanda
1	Jeevan	I/IV-MECH	II prize	Technostav-13	M.V.R
2	Revanth	I/IV- MECH	I Prize	Technostav-13	M.V.R
3	Sathwik	I/IV-MECH	I Prize	Technostav-13	M.V.R
4	Pavan	I/IV-MECH	I Prize	Technostav-13	M.V.R

5	N.L. Priyanka Bai	I Year- CSE	I Prize	Dance	Dhanekula Intstitute of Technology
6	A. Nikhila	I Year- CSE	I Prize	Group Dance	Dhanekula Institute of Technology
7	N.L.Priyanka Bai	I Year- CSE	I Prize	Dance	Dhanekula Intstitute of Technology
8	O. Ravi Teja	II Year- CSE	Runners	Cricket Tournament	Enadu
9	G. Sravani	II Year- CSE	Merit Certificate	NIIT Merit Test	NIIT
10	T.Ganga Eswar	III EEE	I Prize	Model exhibition	Priya darsini Engineerin g college,Ten ali
11	K. Ajay	IV Civil	I Prize	Asist Aakarshan	Amritha Sai Institute of Technology
12	D. Vinay	IV Civil	I Prize	Asist Aakarshan	Amritha Sai Institute of Technology
13	G. Marshi	IV Civil	II prize	SRK Techno Fest	SRK Institute of Technology
14	Ch. Divya Krishna	IV Civil	I Prize	SRK Techno Fest	SRK Institute of Technology
15	Ch. Divya Krishna	IV Civil	II prize	SRK Techno Fest	SRKIT

					MVR College of Engineering & Technology
16	Ch. Divya Krishna	IV Civil	I Prize	Technotsav	
17	K. Ajay Kumar	IV Civil	III	JNTUK Athletics Meet	JNTU, Kakinada
18	K. Ajay Kumar	IV Civil	I Prize	Sports Carnival	Chalapathi
19	K. Ajay Kumar	IV Civil	I Prize	JNTUK Tournaments	JNTU, Kakinada
2014-15					
1	Pavan	III -MECH	I Prize	Acentra-14	JNTUK
2	Pavan	III -MECH	I Prize	Acentra-14	JNTUK
3	Pavan	III -MECH	I Prize	Acentra-14	JNTUK
4	Giridhar	III -MECH	I Prize	Technostav-14	M.V.R
5	Giridhar	III -MECH	I Prize	Sapience-14	VASAVI
6	David raju	III -MECH	I Prize	Sapience-14	VASAVI
7	Sathwik	II/IV- MECH	II prize	Sapience-14	VASAVI
8	Pavan	II/IV- MECH	II prize	Sapience-14	VASAVI
9	David	III -MECH	I Prize	Techmantra	PVP
10	Pavan	III –MECH	I Prize	Jignasa-15	PSCMR
11	Pavan	III –MECH	I Prize	Desproth-15	GEC
12	Pavan	III –MECH	I Prize	Yantrik-15	KLU
13	Pavan	III -MECH	I Prize	Acentra-14	JNTUK
14	Giridhar	III -MECH	I Prize	Spurthi-14	SRK
15	Sawthik	III -MECH	I Prize	Dhanush-14	DHANEKULA
16	David	III -MECH	II prize	Dhanush-15	DHANEKULA
17	Giridhar	III -MECH	I Prize	Techzite-14	RGUKT
18	Pavan	III -MECH	I Prize	Techzite-15	TEC
19	O. Ravi Teja	III CSE	I Prize	Khabaddi	ASIST
20	M. Sai Deepika	III CSE	Selected for JNTUK Team	Khabaddi	KunnurUniversity, Kerala

List of the students who secured Prizes in various sports events in various Colleges:

Sl. No.	Name of the student	Branch	Event	College/ university	Prize	Session
1	T. Siva Shankar	Civil(III)	Kabbadi	QIS, Ongole, JNTUK Selections	Selected	Dec2012
2	T. Siva Shankar	Civil(IV)	Kabbadi	JNTUK	Selected	Nov2013
3	G Raja sekahar	ECE(IV)	Kabbadi	JNTUK	Standby	Nov2013
4	K Ajay Kumar	Civil(III)	100 Mts	VVIT, Nambur	IIIrd	Dec2014
5	V. Thirumala Rao	Civil(II)	100 Mts	Mettapalli engineering college	IInd	March2015
6	K Ajay Kumar	Civil(III)	100 Mts	Mettapalli engineering college	IIIrd	March2015
7	V. Thirumala Rao	Civil(II)	200 Mts	Mettapalli engineering college	Ist	March2015
8	K Ajay Kumar	Civil(III)	200 Mts	Mettapalli enginnering college	IIIrd	March2015
9	C Zone		Kabbadi	Mic College KANCHIKACHARLA	Winners	2012-13
10	Central Zone		Kabbadi	JNTUK	Participated	2012-13
11	C Zone		Kabbadi	LBRCE, Mailavaram	Winners	2013-14
12	Central Zone		Kabbadi	JNTUK	Winners	2013-14
13	M. Sai deepika	III CSE	Kabbadi	JNTUK Team	Selected FOR jntuk TEAM	2012-13
14	M. Sai deepika	III CSE	Kabbadi	All India South Zone Inter University Kanuru university,kerala	Participated	1/11/14 to 5/11/14
15	Eenadu Cricket tournament		Cricket	Eenadu	Participated	2014-15
16	N Someswara Rao	EEE(IV)	Kabbadi	Nalanda Enginnering college,Sathenapalli,	Selected FOR jntuk TEAM	2014-15

17	N Someswara Rao	EEE(IV)	Kabbadi	All India South Zone Inter University,Shimoga,karnataka	Selected FOR jntuk TEAM	15/10/15 to 19/10/15
18	N Someswara Rao	EEE(IV)	Kabbadi	AP Senior(Men) inter district Kabbadi Champion ship	Selected	27/10/15
19	A Sidhartha	EEE(IV)	Kabbadi	AP Senior(Men) inter district Kabbadi Champion ship	Selected	27/10/15
20	N Someswara Rao	EEE(IV)	Volley ball	AP Senior(Men) inter district volley ball Champion ship	Selected	22/11/15
21	V. Thirumala Rao	Civil(II)	100 Mts	KKR & KSR engineering college, GUNTUR	Ist	March2015
22	K Ajay Kumar	Civil(III)	100 Mts	Jntuk Inter Collegiate Athelete, Central Zone	IIIrd	Oct 2014
23	V. Thirumala Rao	Civil(II)	100 Mts	NEWTONS engineering college, MACHERLA	Ist	March2015

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?

Consistently subsequent to finishing the semester, criticism data is gathered through input frames from understudies furthermore the input is gathered from the employees and managers. In the wake of investigating the input, important and proper arrangements are being actualized to enhance the execution and nature of the procurements of the college.

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 Department of EEE began, ACUMEN, a yearly News Letter, Which gives a chance to the understudies to draw out their imaginative aptitudes. The Articles are contributed by the understudies and additionally personnel. Those articles are distributed in the pamphlet under the supervision of the college publication board. Through the exercises of the college these are made known to the students and others.

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

The college has the following Technical Associations which conduct various co-curricular activities:

- ➤ ICAMS (Department of CSE)
- ➤ SPARC (Department of Civil)
- ➤ PEGEMS (Department of EEE)
- ➤ RACE (Department of ECE)
- ➤ MIRACLE(Department of Mechanical)
- ➤ ZEMM (Zest Emerging Managers of MVR)
- ➤ National Level Student Technical Symposium relating to all branches, "TECHNOTSAV", is organized every year.

The Institution routinely arranges visitor addresses by prominent academicians on rising zones in Engineering and Technology and identity improvement. Understudies and personnel are urged to go to courses, symposia and present papers for which the administration expands money related backing. Every Department conducts gatherings of Technical Associations consistently and empowers understudies participation.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

Student Representative Forum:
The Student Representative Forum is a meeting of understudy agents from all through the college. Understudy delegates meet in the University Council room twice per year to talk about college wide issues influencing understudies.

Library Student Advisory Committee:
This understudy counseling bunch furnishes students with a chance to be included in the choice making forms that guide the improvement of learning

practices and library administrations. We require understudy data to do it right. Libraries advance scholarly disclosure and associate individuals with information. They are intuitive, interdisciplinary spaces for grant where innovation and data meet up.

Extra-Curricular Committees:

This Committee is constituted for directing the exercises to advance the additional curricular exercises among the understudies. The Committee recognizes understudies who are occupied with social edification and endeavors which are made to build up their aptitudes and gifts by consolation, right preparing and exhibitions.

Study Tour Committee:

The Head of the Department and two senior members of faculty constitute a committee. The Committee plans and executes the tour programme of students visit to various industries.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

The Alumni Association, has been dynamic since January, 2012 after Mr. K. Naveen Kumar, Assistant Professor, Department of MBA has assumed responsibility as Chairman of Alumni Association and has been instrumental in sorting out the First Alumni meet on the "21st Jan, 2012" in the college Auditorium. It gave a chance to every one of the graduated class to rejoin amid the meet held yearly.

There is procurement in MVRCET site that Alumni can enlist from any place and upgrade their points of interest and each Annual day the graduated class meetings are held.

Mandatory Disclosure

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

➢ To be the best in producing global technocrats, highly creative, sound in research and ethical leaders who contribute to the social and economical development of the country.

Mission

➢ College of Engineering and Technology empowers global community by graduating talented and skilled technocrats making them think rationally, critically and creatively for life-long engagement in conducting research & development through advanced technologies and preserving our culture at the same time.

Quality Policy

➢ A centre of excellence with quality infrastructure, experienced faculty and industrial exposure, imparting value based education on par with international standards by adopting modern training methodologies and fulfilling the expectations of students and parents towards continuous improvement in education and placement.Utmost care is taken to maintain all types of accreditations.

6.1.2 What is the role of top management, Principal and Faculty in designing and implementation of its quality policy and plans?

➢ The Chairman of the institution holds a monthly meeting on every second Saturday with the Head of the Institution and respective Departments'

Heads to confer the escalation of the institution.

➢ The Head of the institution, The Principal, holds meeting once in a week with the respective Department Heads to evaluate, screen and probe the academic aspects of the institution. Improvements, if any, are acknowledged and respective amendments are proposed to the quality policy and plans.

➢ All the Department Heads hold a meeting every week with their faculty members to converse the progress of the department and to know the smooth functioning of the academic and departmental activities. Improvements and grievances, if any, are proposed to the higher authorities.

➢ The Chairman and staff members congregate once in every 2 months where the propositions for the improvements of the academics and institutions are welcomed from the staff members. Suggestions emerging from such a dialogue are further refined by the Chairman, the Principal and HODs before effecting changes to the quality policy.

➢ Further emergency meeting is conducted by the Chairman, the Principal and HODs at the needed time to resolve the issue timely.

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

➢ The Head of the institution, The Principal, holds regularly congregation with the Departments' Heads and IQAC to ensure the stated policy and action plans are contributing properly the mission and vision of the

institute. The Principal also monitors the class work and enumerates the students recurrently to have the information regarding the standards that are experienced by them.

Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan

➢ Action plans are formulated well before the commencement of the academic year. This is done through the discussion with the Department Heads, Management and external academic body to architect the action plans.

➢ The amendments made will be communicated to the whole institute via their respective Heads. All the plans will coincide with the vision of the organization and the strategic plan of the institute to prosper.

Interaction with stakeholders

➢ MVRCOE always stays in touch with the stakeholders by conducting Alumni meets, Parents Day as a part of the Annual day celebrations.

Proper support for policy and planning thorough need analysis, research inputs and consultations with the stakeholders

➢ Research and development cell established in the college, constituting members from each department, is responsible for the cause-effect relationship. The Principal interacts with the cell to know the required, if any, inputs.

➢ Parents' day is the not only the occasion where the institute meets the parents but also every incident which needs the interaction will be encouraged and properly addressed without any discrepancies.

Reinforcing the culture of excellence

➢ Excellence and efficiency are must in every aspect of the institute which is done through academic performance improvement. IQAC, R and D cell and various other committees under the leadership of the Principal emphasize the need and demand for culture of excellence.

➢ All the faculty are encouraged to attend workshops and seminars to update their knowledge.

➢ More over gaining higher qualification with additional specialization or via

research programmers are well appreciated by the Principal and management.

Champion organizational change

➢ As the saying goes "Change before the change can change you" the survival and growth of the organization definitely depends on the ability of the institute to cope with the industrial needs and the societal demands. The Principal always welcomes the change which needs to be important is felt and suggested in the summit held.

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, comprising the Principal, HODs and faculty members, carefully and precisely monitors and evaluates the smooth functioning of the proposed plans and policies. To enhance such effective and efficient functioning, various committees have been designed which as follows:

➢ Academic advisory committee.
➢ Training and placement cell.
➢ Internal Quality Assurance Cell (IQAC)
➢ Entrepreneurship Development cell.(EDC)
➢ Disciplinary committee
➢ Anti – ragging committee
➢ Alumni committee

The above committees are governed regularly and efficient results are being rewarded.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

The Principal and the HODs under the guidance of the management give the authority to the faculty to ensure the proper conduct of classes, internal exams, campus selection and discipline in the campus and conducting co-curricular and extracurricular activities.

- ➢ Academic freedom in the campus
- ➢ Research ambience in the campus
- ➢ Freedom of thought and expression
- ➢ The faculty members have a free hand in organizing co-curricular and extracurricular activities for developing skills among the students.

6.1.6 How does the college groom leadership at various levels?

The management has delegated responsibilities to various people as below:

- ➢ Principal – Head of the institution
- ➢ Heads of the Departments – Responsible for all affairs in their departments
- ➢ In-charge – Examination Cell- to conduct internal and external examinations
- ➢ Chief Placement Officer – In-charge of placement activity

In addition to this, the institution has constituted with faculty as in charge of those committees to groom leadership at the faculty level.

- ➢ Anti Ragging Committee
- ➢ Grievance and redressal committee
- ➢ Women empowerment cell
- ➢ Entrepreneurship development cell

In order to groom leadership at student level, the institution encourages departmental association activities, organizing symposiums, seminars, workshops etc. All these programmes are mostly organized by the students with assistance from the faculty.

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 top management delegates authority to the Principal who distributes administration control to

- ➢ HODs – smooth conduct of the classes and other activities
- ➢ FO – Maintaining the administration system and financial accounts of the institution

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➢ Librarian – Holds the responsibility of distributing the books renewal among the students and the staff and maintains the record of past academic activities and purchasing of new books and journals based on the copy with needs of the faculty members and students to the new trends and technology.

➢ Physical Director – Conduct of sports and games to the students, leading them to have healthy life.

➢ Administrative officer – Maintaining the infrastructure facilities existing and planning for the new facilities to upgrade the image of the institution.

➢ Incharges of various committees – Monitors and develops for the smooth running of the institution

Following is the internal organization structure:

```
                    ┌─────────────────────┐
                    │   Governing Body    │
                    └─────────────────────┘
                               │
                               ▼
                    ┌─────────────────────┐
                    │      Chairman       │
                    └─────────────────────┘
                               │
                               ▼
                    ┌─────────────────────┐
                    │     Principal       │
                    └─────────────────────┘
                               │
                               ▼
                    ┌─────────────────────┐
                    │   Vice-Principal    │
                    └─────────────────────┘
                               │
   ┌──────────┬──────────┬─────┴─────┬─────────┬──────────┬──────────┐
   ▼          ▼          ▼           ▼         ▼          ▼
┌──────┐ ┌──────────┐ ┌──────┐  ┌──────┐ ┌──────────┐ ┌──────┐
│ Exam │ │Institutio│ │ HOD' │  │  AO  │ │ Financial│ │ T&P  │
│ Cell │ │   nal    │ └──────┘  └──────┘ │  Officer │ │ Cell │
└──────┘ │ Committee│    │               └──────────┘ └──────┘
         │   Cell   │    ▼
         └──────────┘ ┌──────┐
                      │ Staff│
                      └──────┘
                         │
                 ┌───────┴───────┐
                 ▼               ▼
            ┌──────────┐   ┌──────────────┐
            │ Teaching │   │ Non-Teaching │
            └──────────┘   └──────────────┘
```
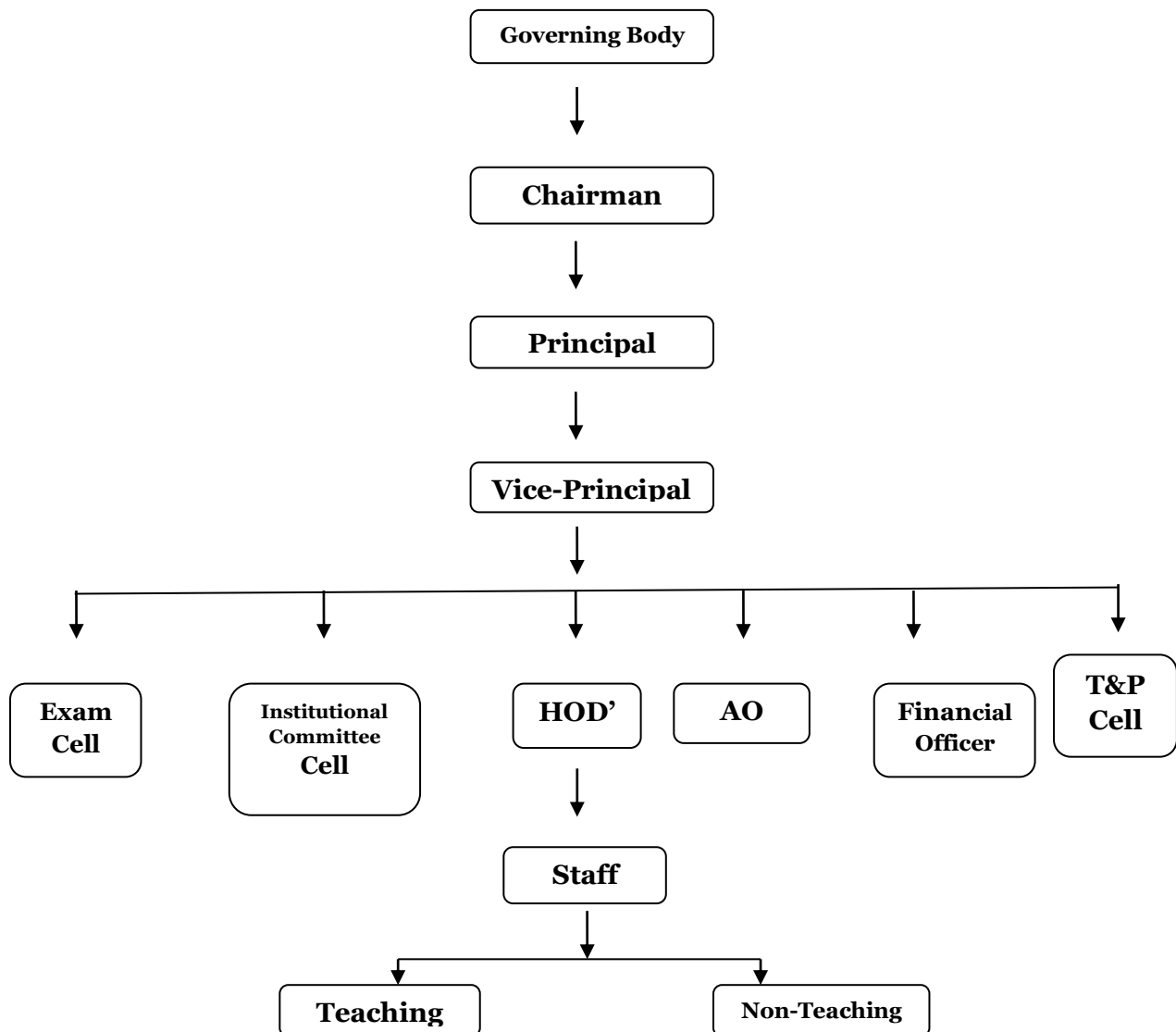
6.1.8 Does the college promote a culture of participative management? If "yes", indicate the levels of participative management.

Yes, the college promotes and benefits from the culture of participative management. Following are the various levels of participative management:

- The Governing Body
- Chairman and other members of the society
- Principal
- Vice Principal
- Head of the Departments
- Staff
- Student representatives
- Parents
- Alumni
- Non-teaching staff

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. **MVRCOE is an ISO 9001: 2008** certified institution which ensures the quality policy to run effectively and efficiently. Further the institution has established 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 IQAC works closely with the management and the Principal to drive and implement the processes across the institution. The cell meets once in three months to review the progress of implementation and accordingly makes changes to quality policy, where necessary.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

In this dynamic world, yes, the institution has a perspective plan for development. The plans are drawn from the meetings, conducted periodically, and the execution is made by the respective members.

The following are the aspects which are considered for inclusion in the plan:
➢ Research and Development
➢ Career guidance
➢ Training and placement
➢ Cultural activities
➢ Ethical behavior
➢ NSS

6.2.3 Describe the internal organizational structure and decision making processes.

The institution function is based on the organizational chart shown below. Decisions will be taken by governing body and decimated by Principal through vice-Principal and HOD's of all the departments.
Following is the internal organization structure:

```
                        ┌──────────────────┐
                        │  Governing Body  │
                        └──────────────────┘
                                 │
                                 ▼
                        ┌──────────────────┐
                        │     Chairman     │
                        └──────────────────┘
                                 │
                                 ▼
                        ┌──────────────────┐
                        │    Principal     │
                        └──────────────────┘
                                 │
                                 ▼
                        ┌──────────────────┐
                        │  Vice-Principal  │
                        └──────────────────┘
```

Exam Cell	Institutional Committee Cell	HOD's	AO	Financial Officer	T&P Cell

```
                              │
                              ▼
                        ┌───────────┐
                        │   Staff   │
                        └───────────┘
                              │
                   ┌──────────┴──────────┐
                   ▼                     ▼
            ┌────────────┐      ┌──────────────┐
            │  Teaching  │      │ Non-Teaching │
            └────────────┘      └──────────────┘
```
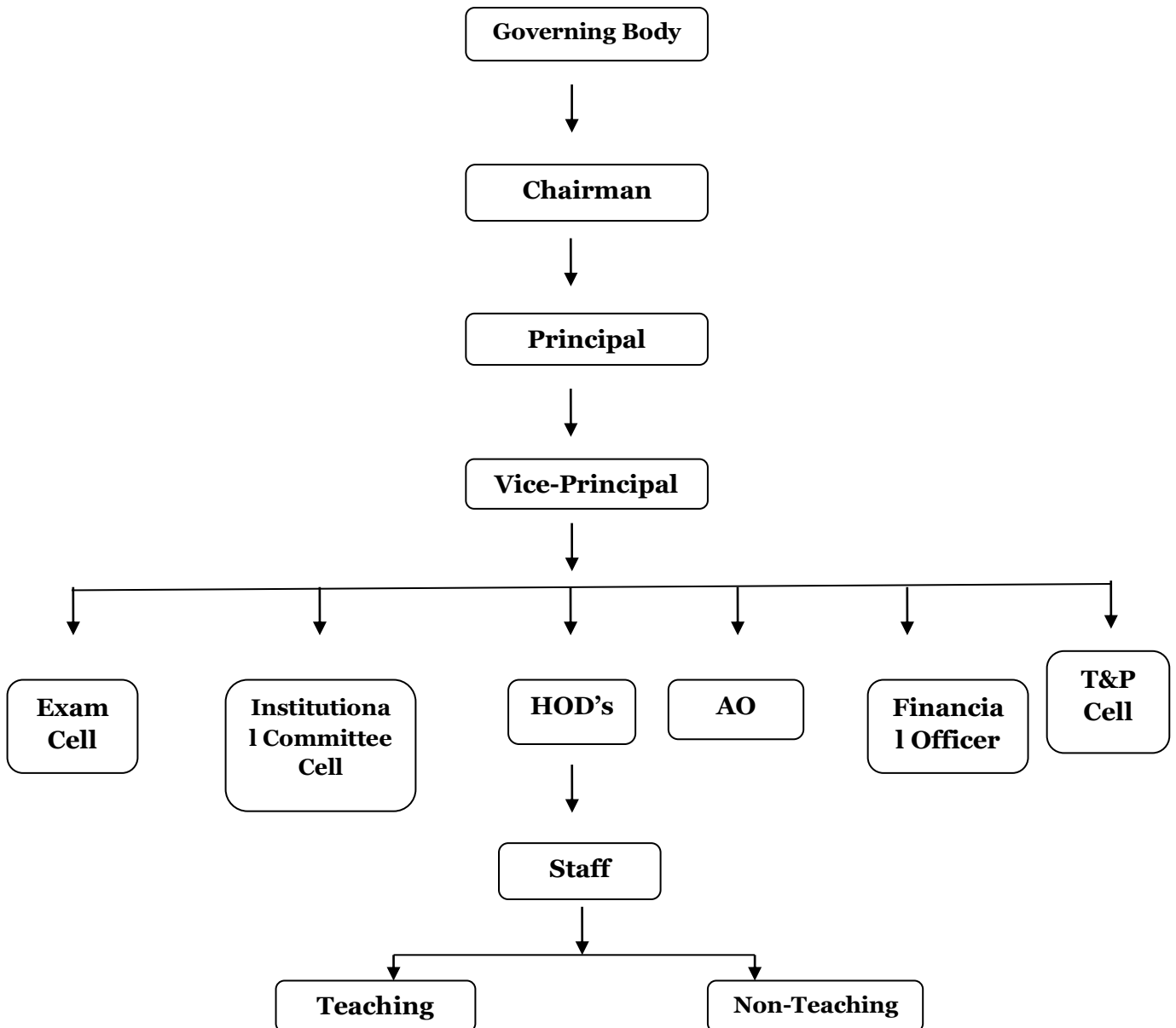
6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following:

- ➢ **Teaching & Learning**
- ➢ **Research & Development**
- ➢ **Community engagement**
- ➢ **Human resource management**
- ➢ **Industry interaction**

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Following are the quality improvement strategies of the institution:

Teaching & Learning

MVRCOE firmly agrees with the fact that teaching and learning are the beanstalk of the growth and development of the institution. This is only possible through the right qualified faculty team. Therefore the institution selects and recruits the faculty with paramount care and responsibility.

- Ensuring the faculty are properly positioned in the department with their specializations
- Encouraging subject rotation in order to avoid stagnation and promote versatility.
- Using various teaching aids such as OHPs. LCD projectors, white board markers.
- Adequate time is being presented to the faculty for efficient preparation for the lecture.
- Organizing guest lectures from eminent indurstalist and professors of other universities.
- A centralized library with ample studying infrastructure and numerous volumes of subject as well as personality, motivation and soft skills books.
- Conducting bridge courses and making student to cope up the new courses
- Weak students are being strengthened by conducting remedial classes.
- Soft skills are being inculcated among the students to participate in not only in the classroom but also in various college meets/fests.

Research & Development

MVRCOE understands the need for research and development in this ever changing competitive world.

- Institute has made it mandatory for the faculty to pursue research and development activities in the form of M.Phil. Ph.D and various interim projects to meet and deliver the updated knowledge to the students.
- Establishment of Research & Development Cell
- Financial funding to R&D

- ➤ Faculties are encouraged to participate in FDPs, Workshops and Seminars conducted in various educational institutions. College supports such action as an on duty for the faculty.

Community Engagement

The institution feels itself as a part of community and clearly assumes community responsibility as not responsibility but as a duty. This is done through various community engagement programmes which are as follows

- ➤ Active participation of students through committed NSS team.
- ➤ Organizing Blood Donation Camps and Free medical camps.
- ➤ Following the "Swatch Bharth mission" MVRCOE follows green initiative which encourages least/minimal environmental position.
- ➤ Visiting old age homes and orphanages and offering food, clothes and other needs
- ➤ Village adoption.
- ➤ Aiding the people who suffer the wrath of the nature in the form of natural calamities.

Human Resource Management

At MVRCOE human resources are considered as the most important resource for the success of the organization. Therefore every member of the institute are carefully recruited under experts guidance

- ➤ Selecting teaching and non- teaching faculty as per UGC/AICTE norms.
- ➤ Selection follows a 3 step mechanics which include a self appraisal by the applicant which is followed by HOD appraisal and finalized by Head of the institution.
- ➤ Development is the key source for the progress of the institution.
- ➤ Keeping this in the mind MVRCOE encourages the faculty to develop in various aspects by providing various incentives such as On Duty, TA & Increments on Qualification improvement.

Industry interaction

Practical knowledge should be accompanied with classroom lectures, knowing this MVRCOE maintains a constant dialogue with the industry to provide a practical exposure to students which includes the following:

➢ Visiting various industries with respective their specialization

➢ Guest lecturers form the industrial eminent personalities

➢ Industry Institute Partnership Cell

➢ Entrepreneurship Development Cell

➢ Professional Societies / Bodies.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

The Head the institution, The Principal, receives reports about the functioning of the organization from the periodic meetings held with the HODs and staff members. He also gathers information from feedback from the students, feedback from alumni, exit interviews, parent meetings and faculty interaction.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

➢ At MVRCOE the participative management is widely in use. Suggestion box has been arranged in the college premises which is opened in the even days of the week and the suggestion will be reviewed accordingly. Suggestions which prove to improve the effectiveness and efficiency will be implemented without any question.

➢ A scheme such as Group savings life insurance makes the staff feel a well bonded relationship among them.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

The management council had planned to decentralize many processes for effective implementation and in that regard the following decisions were taken. "Decentralization of academic and Non-academic power through formation of number of committees. Their resolutions will be presented at the time of peer team visit.

Resolution	Status
Faculty ratification done by JNTUK on July 2015	60% of the faculty were ratified by JNTUK.
Applying for NAAC accreditation by December 2015	In progress
Construction of the hostels for Boys and Girls	Near Completion
Renovation and Beautification of the first seminar hall by December - 2015	In progress
Construction of Mechanical workshop	In progress
Beautification of Computer Labs	Completed

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 University gives the provision for the status of autonomy for the institutions based on the eligibility. MVR College of Engineering & Technology is 8 Year Old Institution which is planning for getting accreditation of NAAC and NBA. Once these processes are successful, it will be under consideration for getting autonomy. Our institution has already applied for 2(f) and 12(b) for U.G.C.

6.2.9   How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

The institution has set up a Grievance and Redressal Cell under the leadership of the senior faculty to address the grievances of the students and the staff. It discusses any complaint secured from staff and students and recommends appropriate achievers to the authorities. The cell is constituted by involving the following members.

> Principal
> Administrative Officer
> All Head of the Departments
> Faculty coordinator from each department
> Class representatives.
> Class toppers.

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 court case filed 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 students' feedback is usually taken by the Management Council. Later it will be sent to the advisory committee for discussion and settlement.

The action plan will be initiated to rectify the areas where the institution seems to be weak.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

The institution encourages the teachers to various orientation and refreshers courses as well as seminars and symposiums. Non- teaching employees are trained time to time to enhance their management and technical capabilities.

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?

The institute does not believe in the yesterdays' knowledge for tomorrows' utilization. This makes way for the faculty to empower themselves. The motivation follows the following strategies:

- ➢ Faculties are motivated to pursue higher studies from PhDs to extra mural PhDs.
- ➢ When a new subject/course is included in the academic regulation the faculty will be encouraged to learn and teach to the fellow faculties.
- ➢ FDPs are common aspects to the faculty training which includes latest and updated information.
- ➢ The Chairman and the Principal meet the faculty frequently to identify any problems within the organization and address those as soon a possible which develops a sense of belongingness and motivates the employee.
- ➢ MVRCOE follows the idea of Best performers will get the best pay is one of the key to motivate employees.
- ➢ An increment will be awarded at a gain of a qualification.

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.

The performance of the faculty members in being measured with the following parameters:

- ➢ Student feedback
- ➢ University results
- ➢ Self appraisal
- ➢ HOD's Remarks
- ➢ Principal's Remarks

The process of performance appraisal is:

- ➢ Faculty members have to fill the self appraisal forms
- ➢ The HOD makes his comments
- ➢ The Principal and the HOD consider the best performing faculty member for additional increment.

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?

Performance appraisal is constantly made and the outcome is definitely communicated to the respective appraise. The outcome of the appraisal is discussed by the Principal and HODs with individual faculty. The report is submitted to the management team for their approval.

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 welfare schemes are available for teaching and non-teaching staff:

- ➤ Salary advances to the needy staff
- ➤ Concessional Transportation facility to staff
- ➤ Maternity leave
- ➤ Medical facilities
- ➤ Loans are arranged for purchase of laptops
- ➤ Personal loans are also being arranged with corporate guarantee
- ➤ Canteen facility
- ➤ Reprographic facility
- ➤ Dress code for class IV and supplied free of cost to employees
- ➤ Group Service Life Insurance (GSLI)

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

MVRCOE believes that quality precedes quantity. Therefore eminent faculty is needed to lead an eminent organization. Throwing light on this the institute follows the following measures

- ➤ Best performers are identified and offered attractive salary packages.
- ➤ As the experts are in demand flexible working hours are being provided.
- ➤ Interests and strengths of the faculty are taken into account while allotting academic responsibilities.
- ➤ Making the faculty versatile by grooming with additional responsibilities.
- ➤ Salaries offered per 6th pay commission recommendations.
- ➤ Performance based salary increments
- ➤ Encouragement for Research & Development work.
- ➤ Faculty Development Programmes (Internal & external)
- ➤ Funding loans from the institute and associated bank

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?

Financial requirements of the departments are prepared by the concerned HODs before commencement of the academic year. They are received by the Principal and forwarded to the management for approval. The Governing Body receives the proposals and makes appropriate budget allocations. The expenditure of the departments as compared with the respective budget allocation monitored during the meeting with the chairman, the Principal and HODs.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

The financial resources of the college are managed in a very effective and fool proof manner. There is a fully computerized accounts department in the college. Interdepartmental internal audit is conducted by senior staff and/ HODs and reports are submitted to Principal and the management. External audit is conducted by the appointed auditors on annual basis.

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.

Following are the major sources of institutional receipts / funding:

- ➢ Tuition Fee (Reimbursement by the government under convener quota)
- ➢ Tuition Fee (Paid by the student under management Quota)
- ➢ Bus Fee (Paid By staff and Students)

   The deficit, if any is obtained from the management.

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

The institution has not so far made the effort for external funding, but after the NAAC certification; we will try to approach the appropriate usage for the external funding.

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 institution has established an (IQAC) in 2014. IQAC is headed by **Mr. Mirza Shafi**of **ECE** Department of the institution and represented by other HODs, senior faculty, administration department and a retired Professor from outside the institution is also an advisory member of the council.

Regular periodic meetings are conducted with the committee members to ensure that the quality standards are upheld. Several mechanisms are developed with the institution academic and administrative departments to run stated standards. Performance of students reflects the academic performance, this is done through conducting exams and evaluating them gives a clear picture. Apart from written exams, class room performance which includes doubts raised, questions answered and class room discipline also proves the students' academic performace.

The administrative department of the institute also looks and supports the quality assurance by providing the amenities required to maintain such standards such as lab equipment, repair or replacement of equipment.

B) How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?

The suggestions made by the IQAC have been thoroughly scrutinized by the management. Any incidence of improvement will gain a priority. The suggestions which top the priority list will be given the preference to complete first and the remaining suggestions follow eventually. All the suggestions are approved where 75% are implemented and 25% are ready to be implemented.

C) Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

Yes, the IQAC has a retired Professor as an external member. The suggestions made by the external member have been approved and implemented / being implemented:

➢ Conducting periodic meetings to educate the faculty and the staff about the industry and its improving standards.

➢ Promoting the need for quality education and administration to be redefined to cater to the needs of the society.

D) How do students and alumni contribute to the effective functioning of the IQAC?

A number two to four, in equal gender preference, from each class are kept in regular contact with the Class Incharge and Head of the Departments and members of IQAC and give their suggestions for:

➢ Development of infrastructure and sports equipments.

➢ Request for advanced teaching aids and lab equipments.

➢ Organizing seminars, workshops and other events to inculcate and develop the management skills.

Alumni are another vital resource of the institute's quality assurance as they have complete assessment of the quality standards. Alumni Meets are held periodically to know whether the standards maintained in the college are meeting the standards maintained in the industry. If not, the suggestions are requested from them and the same is investigated and implemented whatever proves to be necessary.

E) How does the IQAC communicate and engage staff from different constituents of the institution?

The IQAC constitutes faculty from each and every department. The members need to strive for developing and maintaining standards which will be discussed in the meetings held regularly and such amendments, if any, will be carried to the respective departments where the standards to be implemented.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If yes, give details on its operationalization.

Yes. The institution is an ISO 9001:2008 certified college which follows ISO standards and a periodic internal ISO audit is being conducted. The IQAC guarantees the quality maintenance in the college which has representation from academic faculty, administrative staff and students.

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 trains the staff twice a year to ensure quality assurance among the activities of the college. IQAC needs the quality assurance training which include HOD's of every department and senior faculty members to deliver the training content which includes the meaning of a qualitative job.

This makes the staff work qualitatively which at the end benefits the self the students and the institution.

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, MVRCOE undertakes ISO as external audit review and IQAC as internal audit review. ISO is a yearly audit where as the IQAC is not bound to time. Following aspects of academics are included for audit:

- Readiness of course files, laboratory manuals, lesson plans
- Students attendance (weekly and monthly)
- Progress of delivery of curriculum (weekly by HOD and monthly by Principal)
- Review of mid-term marks (after every mid-term exam)
- Review of semester results (after announcement of results)
- Organizing departmental activities, seminars and workshops
- Proper work conditions of lab equipment

Based on the outcome of the above audit/reviews, further course of action is decided and implemented on academic activities.

6.5.5 How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/ regulatory authorities?

The internal quality assurance mechanisms are aligned with the requirements of the following authorities / agencies:

- UGC
- JNTUK, Kakinada
- NAAC
- NBA
- ISO

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?

Constant review mechanisms are being run in the college which guarantees smooth functioning and qualitative teaching learning process.

Structure – this includes the IQAC and departmental heads.

Methodologies – A teaching learning plan and a course schedule along with the academic calendar will be given to the faculty member well before the commencement of the semester. This is done under the guidance of the HOD.

The class coordinator periodically checks the syllabus coverage the number of classes taken by the faculty and reports to the HOD.

Feedback from the students will be collected after two weeks of the commencement of the semester.

Outcome – the TLP and course schedule will be revised if necessary by the Head of the Department. The syllabus coverage along with classes taken will be monitored and a necessary action will be implemented.

Feedback will be thoroughly evaluated and changes, if required, will be implemented.

6.5.6 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The institution communicates its quality assurance policies, mechanisms and outcomes to the stakeholders through the college web site, college brochure and other publications.

INNOVATIVE PRACTICES

7.1 Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

MVR College of Engineering Technology is located in 10.79 acres. The institution regularly monitors upkeep of the campus facilities and conducts a formal green audit of the campus.

The following aspects of the campus maintenance are monitored regularly to ensure a green campus:

> ➢ Collection and proper disposal of waste.
>
> ➢ Proper maintenance and support of enhancements in the ground.
>
> ➢ Conservation of home turf and plants all over the campus.
>
> ➢ Optimum utilization of electricity and water.
>
> ➢ Employment of solar power as part of green audit.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

Energy conservation

> ➢ The institution is designed in such a way that every room in the building has proper ventilation and natural lighting. This minimizes the usage of electric lights, fans and air-conditioners during the day thus reducing consumption of electricity
>
> ➢ CFL and LED lights are used inside the campus for bright lighting and less consumption of electricity.
>
> ➢ The electrical appliances are periodically inspected and serviced in order to maximize the efficiency of the appliances and minimize the power consumption.
>
> ➢ Laboratory Timetables are carefully planned taking energy requirements into account.

➢ The Institute has taken all the necessary steps to educate the students on the importance of green club.

➢ To save electricity and protect environment, the management ensures switching off lights and fans, where it is unnecessary.

Water Harvesting

The drainage system inside the campus is outlined in a manner that downpour water is redirected to pits. It helps to increase ground water level.

Efforts for Carbon neutrality

The institution has attempted the accompanying endeavors to diminish outflow of carbon dioxide:

➢ All CRT monitors have been supplanted with LCD monitors.

➢ Lighting with CFL and LEDs are presented in and around the institution.

➢ Dead leaves and waste papers are not allowed to be put on fire in the campus. They are converted into vermicompost.

Plantation

The campus is loaded with greenery. More number of plants and trees are planted everywhere throughout the campus. Since 2013 plantation work has been undertaken in campus. The college has a nursery to grow plants. Fruit trees are planted in and around the campus.

Hazardous waste management

➢ No risky waste is kept inside the campus. Hazardous waste will be collected and disposed in a careful manner.

E-waste management

➢ In the year 2013 our college collected the expired batteries of the mobile phone from the staff and the students and sent them for recycling

➢ Repaired PCs and other waste produced from the electronic hardware are sold to approved E-waste merchants.

➢ Unused working computers are given to the nearby schools.

➢ The condemned batteries are exchanged for new batteries.

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.

The college has been scaling new heights since its inception and is striving to excel with innovations. The following are the innovative practices adopted by the college to create positive impact on the mindset of the stakeholders.

Teaching / Learning

The institution has adapted new ways of instructing education to the students since last four years. With innovative methods of teaching, the college tried to implement new and interesting ways of imparting quality and tension free education to the students. This procedure concentrates on Planning, Preparation and Delivery of curriculum in an effective method which makes the students learn a new topic with ease and interest (as mentioned in criterion 2.6.2). Heads of the Departments and the Principal constantly observe the syllabus, methodology of teaching and the receiving capability of students. Proper measures are taken immediately when a requirement for a change is recognized. New suitable measures are suggested to faculty about how to build practical learning approach among the students and make them industry ready.

For Instance Department of civil engineering has purchased equipment such as 'Benkelman Beam' in the year 2012. By using this equipment students can easily understand the concept of pavement deflections. This is an additional experiment that is being conducted in the Transportation Engineering Lab in addition to the existing lab experiments prescribed in the curriculum by JNTUK, Kakinada.

To enhance the consultancy work, the department of civil engineering has established 'Accelerated Curing Tank' in the year 2015 at Concrete Technology Lab. By using this equipment strength of a cube which can be obtained only after

7 days, can be calculated within 24 hours of casting the cube, which saves lot of time.

Advanced methods of testing like NDT are being demonstrated by 'Rebound Hammer'.

Internal Assessment of the students

Apart from Affiliating University prescribed format of examinations, the college introduced a separate mechanism called "Daily Test" to the students for improving academics. This has helped to improve academic performance of the students. It is mandatory to conduct a pre-final exam before every University semester end examinations. Pre-final exams are conducted to make students aware of the University format.

Full-fledged Training Department

An in-house training department led by a Chief Training Officer has been created and the students are trained in English Language skills, Soft Skills, Quantitative Aptitude, Logical Reasoning and Computer Languages. Placement oriented training is implemented to all the students from second year onwards. Training programs are incorporated in regular class work time table. The department conducts various innovative learning programs like mock placement drives, role-plays, Group discussions and team building acts to students which help them gain more confidence. This acted as a catalyst for many students in securing jobs in good companies and industries.

Infrastructure Development

The college has been putting consistently good effort in modernization of existing infrastructure and making new base. Keeping in mind the end goal to adjust present day instructing/learning strategies, the college has created 'Seminar Halls' and 'E-classrooms' outfitted with LCD projectors and sound hardware. These lobbies have been greatly helpful in directing Placement Training, Association Activities, Seminars, Group Discussions, educating/learning, and so

on. The institution is constructing a 1000- limit amphitheater inside the campus. This assembly room is proposed for leading workshops for students and staff, faculty development programs, major events like campus recruitment drives, celebrations, etc.

The Feedback System

Feedback from students and parents always helps in developing the college. It has a lot of significance. It is obtained two times in a semester. The feedback concentrates on different aspects of teaching and learning process. After analyzing the feedback, remedial actions, if necessary, are initiated.

Individual Counseling to Students

Student mentoring is one of the particular strengths of the institution. One member of the faculty is assigned with 15 students. Counseling is a mandatory process and every class has a counseling session once in a week. Mentoring helps in nurturing relationship between the faculty and students on academics as well as overall development. Qualities and shortcomings of the understudies are distinguished by the advisors and proper help is offered to the destitute students. The status of the ward is regularly in touch with the parents.

Improving the performance of weak students

Instantly after the first internal examinations, weak students are identified and remedial classes / bridge courses are conducted to improve their performance. The students are counseled and given important questions along with previous question papers through which they get an idea on the methodology to pass in the examinations. This has enhanced the pass percentage in the University examinations.

Mandatory Disclosure

Faculty Development Programs

The institution organizes faculty development programs at least two times in a year and deputes faculty to attend such programs organized by the University and other institutions. These programs give lot of weightage to the faculty in exercising their subject knowledge, which involves new trends and changes taking place in that particular field. This has assisted the personnel with improving their insight and educating abilities which is passed on to the students in classes.

Departmental Association Activities

Every department has its own association. It organizes activities such as seminars, technical quizzes, paper presentations, sports, games and cultural programs with the support of management. These exercises help the members of the association in upgrading their insight and grow great relational abilities and interpersonal aptitudes.

Computerization Administration:

All the information relating to the students are regularly registered in the college main data base. It includes the student's details with address and phone numbers, their exam results and analysis, internal marks, attendance percentages, fee structure etc.

Center of Excellences

The college upgrades itself with the latest changing trends and methods and tries to implement them in an efficient way to the students. This gives rise to the new research aspects and opportunities to the students and faculty to bring creative and innovative look into their respective subjects. This helps us in gaining excellence towards developing new learning and teaching practices. The R&D cell has been a setting an effective impact in gaining excellence in research about upcoming technologies in the field. EDC cell of the institution inculcates the skills of entrepreneurship among the budding technocrats through guest lectures,

workshops, seminars and presentations organized in association with reputed organizations like NSIC etc.

7.3 Best Practices

7.3.1 Elaborate on any two best practices as per the annexed format (See page 77 of Manual for Accreditation) which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

The three best practices followed by the institution are explained below:

Best Practice 1:

➢ **Title of the Practice:** College Automation System (SIS)

➢ **Objectives of the Practice:**

In this automation system college has uploaded every student details like basic details of the student, internal and external marks, assignments, attendance from the time of admission and keeps on updating this information.

➢ **The context:**

In designing this course college has total information about the student's education and punctuality. From this every month we can know the update about the student. Students also have the facility to get the lesson notes from this system.

➢ **The Practice:**

➢ Basic details of every students like name, address, gender, caste, the copies of all the certificates initially uploaded in the Automation system(SIS)

➢ Individual accounts will be provided to all the students and faculty members of the college. The authorization will be assigned based on their designation.

➢ When the student passed/promoted to next semester all these details will be checked again and updated and the additional information is also added to the student profile.

- In every semester day by day attendance will be posted in the SIS by the faculty members so that without contacting anyone the authority can know about the punctuality of the student.
- Every faculty can upload the lecture notes in the SIS account so that the students can download the material and go through it.
- The other information beyond the syllabus will also be placed in the SIS as a lecture notes.
- The college collects materials for GATE, IELTS and GRE from various institutions and provided to the students through SIS.

Success proof:

Almost all the students and staff are utilizing SIS services instead of manually verifying in the attendance registers.

Login Page:

Mandatory Disclosure

Home Page

Attendance sheet
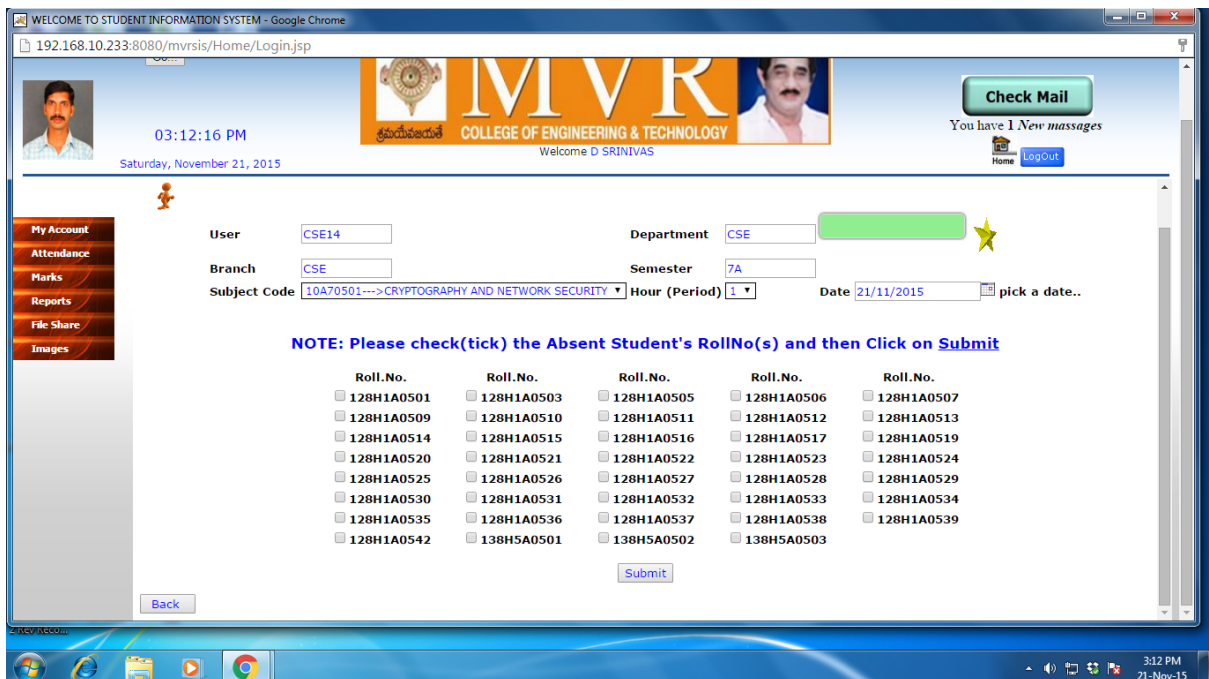
Mandatory Disclosure

Mid Test Marks

Students list:

Mandatory Disclosure

Student basic information looks like:
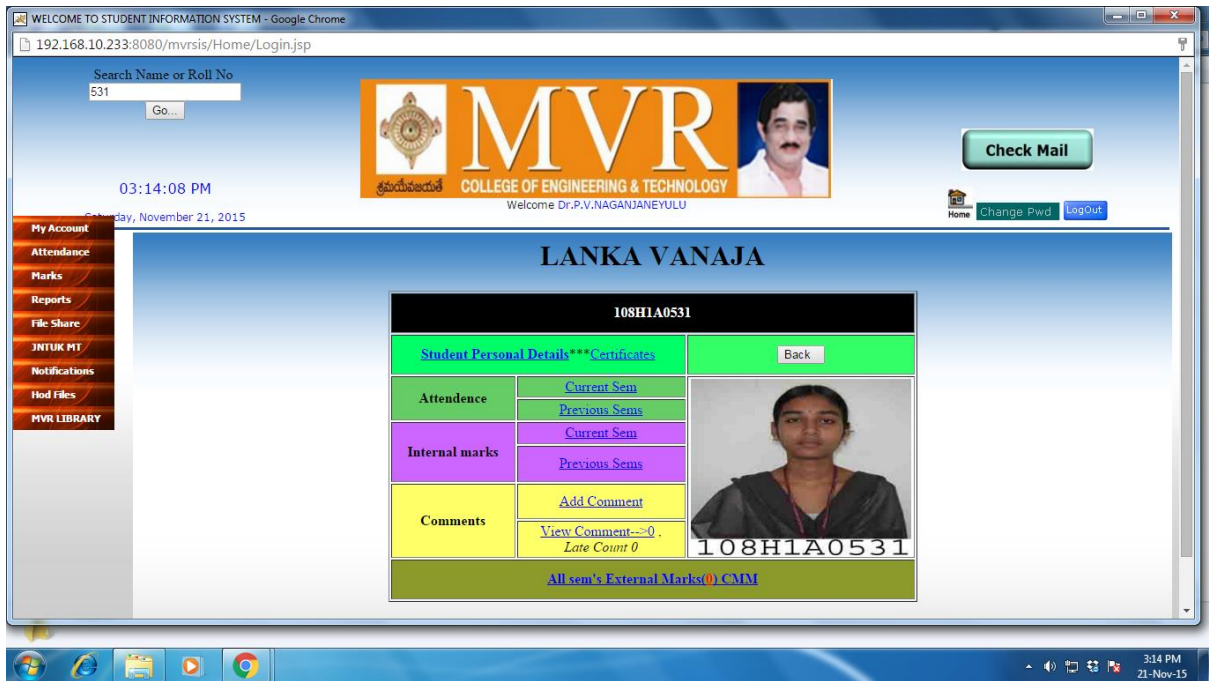
Student personal details

Student final marks report

Student Semester marks list:

Mandatory Disclosure

Library issued books report
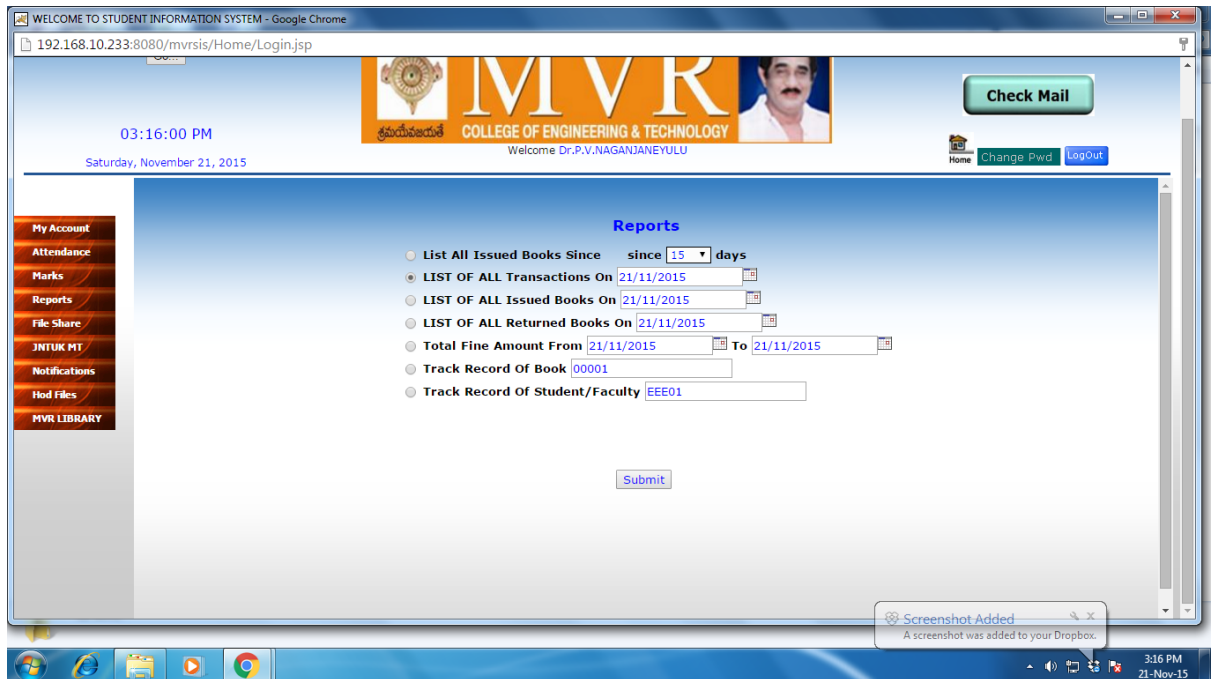
Notification form of SIS
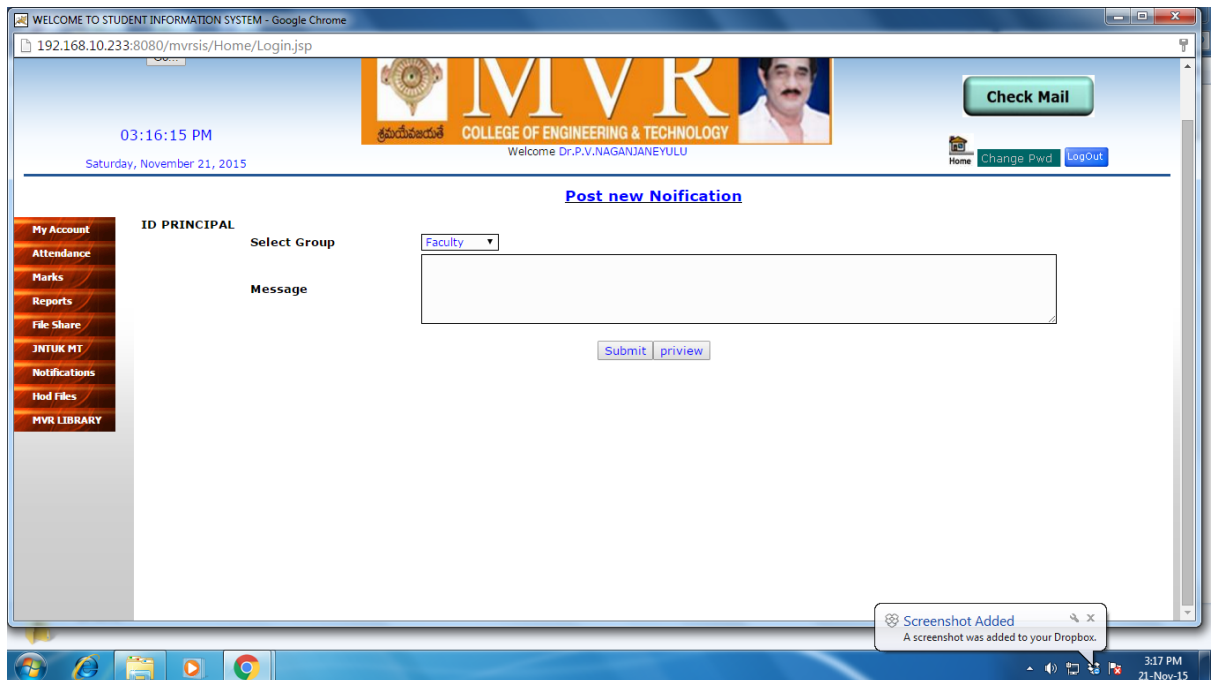
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Materials upload by faculty report

Faculty List

Mandatory Disclosure

Search for a student based on Regd. Number

Class Test marks

Mandatory Disclosure

Marks list of student

Attendance report in SIS

Mandatory Disclosure

Internal marks uploaded

Best Practice II

1.   Title of the Practice: Student Mentoring System

2.   Goal

The important goal of presenting the 'Student Mentoring System' is to screen the scholastic, co-curricular and additional curricular execution of the students and as needs guide the understudies to use every one of the assets accessible in the establishment for all encompassing improvement of the students.

The system envelops persistent observation of students execution, recognizing qualities, weaknesses, conduct and states of mind, and offering passionate backing and particular proposals to enhance the students in all regards. The system likewise goes for embedding great propensities, conduct and human qualities among the students.

3. The Context

The institution is situated near a small village called Paritala in Andhra Pradesh State and most of the students of the institution are from a rural background. Some of the students are even first generation literates in their families. Almost 60 to 70% of the students are from economically weaker sections who receive scholarship from the Government under 'Fee Reimbursement Scheme'.

Given such a background, many of the students literally have no proper guidance at home. What's more, inferable from the money related foundations and needs of their families; most folks are engaged with their occupations, employments, and so forth in this manner not able to commit adequate time to tutor their kids.

Further, many students see their teachers as their role models. The students may not appreciate their parent's advice/suggestions but almost always appreciate the kind words of a teacher, especially when personal care is offered.

In perspective of this, the establishment has thought of —Student Mentoring System to guide the students.

4. The Practice

As part of —Student Mentoring System, about 15 students are assigned to a faculty as their mentor. The mentors are briefed by the senior faculty and/or Heads of the Departments before commencement of the academic year regarding the 'mentoring system'.

➢ **Preparation by Mentors**
   The mentors ascertain/understand the following particulars of a student to be able to assist the student effectively:

➢ **Family background:** Most of the students come from illiterate families. Many work as daily wage workers and some as farmers. This makes the student financially weak. Sometimes it also affects the student's education and interest towards learning.

➤ **Financial status of the family:** The financial conditions of the student's family affect the mindset of the learner. As they are completely dependent on the Government's Fee reimbursement' scheme they don't take their education seriously.

➤ **Student's background:** Student's past academic performance, co-curricular and extra-curricular interests, achievements in the past, hobbies, specialties, strengths, weaknesses, goals for future etc are recorded.

A Student Record is maintained by the institution for all the students to record student's personal particulars, details of attendance and academic performance at the institution.

Mentoring Process

➤ Every class will have one 'counseling hour' every week to facilitate a quick 1:1 interaction between the faculty and the student.

➤ Prior to 1:1 session with the student, the faculty ascertain the details of student's attendance, performance in examinations/tests and behavior in the classroom from the respective class teachers.

➤ Details of attendance and performance are discussed during the 1:1 interaction. Suggestions / comments, if any, are noted in the 'Student Record' book.

➤ The student's opinion on the institution, challenges being faced by the student are also discussed during the interaction.

➤ Good behavior and performance are appreciated and improvements, if any, are suggested by the mentors.

➤ Good and top performers are further encouraged to aim at University ranks, higher studies and jobs in multi-national companies.

➤ Students are encouraged to participate in various co-curricular and extra-curricular activities organized by individual departments as well as the institution. The importance of participating in such activities for personal and professional development is emphasized during the counseling sessions.

- ➢ If some students are identified as slow learners, remedial classes are arranged for them in consultation with the Head of the Department.
- ➢ If the student's attendance and / or performance continues to be unsatisfactory, the same is escalated to the student's parents by phone.
- ➢ Parents are requested to offer necessary help to their children.
- ➢ If the counselor feels that a student needs additional help from senior faculty, the same is informed to the Head of the Department and then, if necessary, to the Principal also. The Head of the Department and the Principal also mentor the students when required.

Constraints / Limitations:

Many students are from poor and illiterate families that depend on the Government's Scholarship for studies. Some of the students take part-time jobs in the evenings to support their families. Given such situations, some of the students are unable to spend enough time on their academics and on personal development.

As mentioned earlier, there are many first generation literates in their respective families. Their parents have no idea of the education system, rules and regulations even. If their children's are continuing to be non-performers, the parents are unable to help them.

Further, with the stringent academic schedule, the institution is unable to dedicate more time for individual mentoring of the students.

5. Evidence of Success

As the students progress in their scholastics, the guides have dependably seen change as far as their clothing, individual attitude, scholarly execution, dialect and relational abilities.

Many students enhanced their execution reliably as a consequence of mentoring. Disregarding troublesome livelihood economic situations, the organization have great number of openings for work in campus placements.

The results clearly indicate that the Student Mentoring System is the need of the hour and that it immensely benefits the students. They improve not only in academics but also in co-curricular & extra-curricular activities, language skills etc. due to persistent efforts of respective mentors.

6. Problems Encountered and Resources Required

While many students react emphatically to the coaching process and find a way to enhance their execution as students, there have been other people who have kept on being underperformers because of sckepticism, hesitancy, inaction, and so forth. In specific cases, even folks are not able support/impact the students to perform better.

It is also observed that a few students join the course due to parent/family pressure and against their own will. It has been quite a challenge to mentor such students.

The mentors perseveringly endeavor to have any kind of effect in the lives of such students notwithstanding consistent hesitancy and inaction with respect to students.

Best Practice III

1. Title of the Practice: Measure-Monitor-Manage System

2. Goal

As per the old and insightful aphorism "Prevention is better than cure" the organization dependably likes to adjust a proactive methodology towards all parts of the foundation and likewise makes a sacrosanct situation for improvement of the students and the staff.

The system likewise goes for giving a full scale level review of different parts of the establishment to the administration that empowers productive investigation, choice making and making arrangements for future advancement of the institution.

Moreover, the institution likes to include the staff during the time spent examination, choice making and arranging furthermore empower them to comprehend different parts of the foundation, difficulties connected with the same, handy measures to meet with the difficulties in this manner empowering authority and proprietorship among the staff.

3. The Context

Running an expert instructive organization includes multi-faceted difficulties given the various foundations of the students, their guardians, resources, staff, and so on connected with the establishment and large number of exercises included in running of the establishment. An instructive establishment can't bear to commit errors and after that right the same. The establishment gives most elevated need to its notoriety among the partners and might want to take proactive measures to secure and upgrade the notoriety.

With the firm rivalry surrounding, it is much additionally trying for the organization to get by as well as to exceed expectations and have an enduring effect on the lives of the students and their families.

Given the intricacy of exercises and differing nature and needs of the partners, it is crucial to quantify and screen the adequacy of different institutional procedures in order to deal with the institutional exercises and turn out with more significant and pragmatic measures to accomplish institutional objectives.

4. The Practice

Apart from the Governing Body, College Academic Committee, Internal Quality Assurance Cell and R & D Cell, the institution has constituted the following committees / cells for data collection, organizing activities, periodical reviews and suggesting further actions:

Attendance Committee: This committee collects the attendance details of all the students in respective departments and identifies students with shortages and

takes the details to the notice of respective Heads of the Departments and academic counselors so that the students are offered necessary guidance for their betterment.

Association Committee: The committee meets once in a month and plans departmental association activities across the departments. The members also discuss and finalize the activities so as to maintain consistency across the departments.

Placement Committee: Members of this committee act as placement coordinators for in-campus placement activities. They also assist the T&P team in data collection.

Examination Committee: Members of this committee act as departmental coordinators for conducting internal and external examinations within the institution.

Alumni & Statistical Data Committee: Responsible for maintaining updated details of alumni of the institution and also to interact with them frequently through social media, etc.

JNTUK, AICTE, NBA & ISO Committee: Works closely with the Principal and Internal Quality Assurance Cell and collects information required for submission to JNTUK, AICTE and prepares documentation for accreditation and certification activities.

Transportation Committee: This committee takes care of day-to-day running of the vehicles, regular proactive maintenance, repairs and upgrades of the vehicles. In addition, the committee plans the bus routes, seating arrangements for staff and students.

each committee / cell is led by a senior faculty with representatives from all the departments. Some of the committees have student representatives as members. All the committees meet at designated intervals to review the on-going activities and plan for future activities.

The Head of the Institution, along with the Heads of the Departments, conducts reviews with these committees / cells once in a month. The activities, achievements, challenges and issues faced by the committees are discussed and appropriate steps are taken from an academic point of view to achieve superior results in future.

The Chairman of the Governing Body, along with the Principal and HODs, conducts review of the activities of the committees once in three months. Appropriate decisions are taken to improve the infrastructure and maintenance of the facilities to create a better environment.

Grievance &Redressed Cell: Responsible for receiving and addressing the grievances of the students and the staff.

Women Empowerment Cell: Responsible for taking up initiatives to encourage the women to participate in the institutional activities and also take up leadership roles.

Entrepreneurship Development Cell: Responsible for creating entrepreneurial thinking among the students by organizing awareness camps, etc.

5. Evidence of Success
The institution received ISO 9001:2008 Certification in the year 2015.
Following are some of the important achievements as a result of the Measure-Monitor-Manage system:

➢ Continuous monitoring of attendance has resulted in the least number of detention of the students due to attendance shortage.

➢ Students' performance has always been on-par with the University average

➢ Performance of the students in co-curricular and extra-curricular activities has been improving.

➢ Admissions are far better than the other colleges in the same town and than many other institutions in the state.

➢ Consistent placements achieved by the students in the last four years.

➢ Smooth running of the organization without any major bottlenecks.

6. Problems Encountered and Resources Required

While the Measure-Monitor-Manage system aims at minimizing the problems at the institution level by taking proactive measures, there have been a few issues associated as mentioned below:

➢ In view of the stringent academic schedule and a vast syllabus to cover, the institution is unable to organize more departmental association activities, co-curricular and extra-curricular activities.

➢ Most of the students focus only on academics and seldom come forward for other activities. Encouraging them has been a herculean task for the mentors as well as for other faculty.

➢ As of now, most of the data collection is happening manually. The institution is considering the automation of data collection to make the whole process much more efficient.

7. Notes (Optional)

All the information has been mentioned above.

Mandatory Disclosure

8. Contact Details

Name of the Principal: Dr.P.V.Naganjaneyulu

Name of the Institution: MVR College of Engineering Technology

Pin Code: 521180

Accredited Status: Applying

Work Phone: 08678-201155

Fax: 08678-201177

Website: www.mvrcoe.ac.in

E-mail: principal@mvrcoe.ac.in

Mobile: +918498037777

Mandatory Disclosure

1. **Name of the department**: Civil Engineering

2. **Year of Establishment**: 2009

3. **Names of Programmes / Courses offered**

   (UG- Bachelor of Technology, PG- Master of Technology).

Sl.No.	Course	Specialization	Year Established
1	B.Tech	Civil Engineering	2009
2	M.Tech.	Structural Engineering	2013
3	M.Tech	Transportation Engineering	2014

4. **Names of Interdisciplinary courses and the departments/units involved**

Sl. No	Year& Semester	Subject	Department involved
1.	II-I	Probability & Statistics	BS&H
2.	II-I	Electrical & Electronic Engineering	EEE
3.	III-I	Managerial economics and Financial economics	MBA

5. **Annual/ semester/choice based credit system (programme wise)**

   For UG: UG: B.Tech - Civil Engineering Semester based Credit Systems and Electives in Higher Semester

Year	System
I,II,III,IV	Semester

PG: M.Tech - Civil Engineering Semester based Credit Systems and Electives in Higher Semester

Year	System
I,II	Semester

6. Participation of the department in the courses offered by other departments:

Department	Year - Semester	Subject
BS&H	I Year-I ,II Semester	Engineering Mechanics

7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

   - 2

8. **Details of courses/programmes discontinued (if any) with reasons**:

   None

9. **Number of teaching posts:**

Posts	Sanctioned	Filled
Professors	4	5
Associate Professors	6	5
Asst. Professors	19	22

Mandatory Disclosure

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualifica-tion	Designa-tion	Specializa-tion	No. of Years of Experience	No. of Ph.D Students guided for the last 4 years
Dr. R.Bala Murugan	Ph. D	Professor	Disaster management in Tsunami Effected.	15	0
Dr.A.Subrahmanyam	Ph.D	Professor			
Dr.T.L.Ramadas	Ph. D	Professor			
Dr.B.Venkateswarlu	Ph. D	Professor			
V.Rama Krishnan	M.E	Professor	Public Health and Environmental Engineering	27	0
Thanga Gurusamy	M.Tech, (Ph.D)	Assoc.Prof	Water Resources Engineering	14	0
G.V.Ramanjaneyulu	M.Tech, (Ph.D)	Assoc.Prof	Structural Engineering	15	0
Y.Anand Babu	M.Tech,	Assoc.Prof.	Structural Engineering	7	0
M.Rajesh Kumar	M.Tech	Assoc.Prof.	Structural Engineering	5	0
Ch.Praveen Babu	M.Tech	Assoc.Prof.	Transportation Engineering	4	0

Name	Qualification	Designation	Specialization	Experience	
M.Balaraj Nayak	M.Tech	Asst.Prof.	Transportation Engineering	1	0
P.Gopi	M.Tech	Asst.Prof.	Transportation Engineering	1	0
Md.Basheer	M.Sc	Asst.Prof.	Geology	5	0
M.DurgaRao	M.Tech	Asst.Prof.	Structural Engineering	1	0
K.Sai Ramya	M.Tech	Asst.Prof.	Structural Engineering	1	0
K.Prudhvi	M.Tech	Asst.Prof.	Structural Engineering.	2 months	0
K.Pravalika	M.Tech	Asst.Prof.	Structural Engineering	1	0
K.A.Nandini	M.Tech	Asst.Prof.	Structural Engineering.	1	0
A.Srikanth	M.Tech	Asst.Prof.	Structural Engineering.	6 months	0
A.Rashid	M.Tech	Asst.Prof.	Structural Engineering.	1	0
P.Naga Jyothi	M.Tech	Asst.Prof.	Structural Engineering.	6 months	0
R.Diwakar	M.Tech	Asst.Prof.	Structural Engineering	1	0
P.Srinivas	M.Tech	Asst.Prof.	Structural Engineering	1	0
S.S.G Sowjanya	M.Tech	Asst.Prof.	Structural Engineering	4	0
S.Sudhakar Rao	M.Tech	Asst.Prof.	Structural Engineering	16	0
A.Anand Kumar	M.Tech	Asst.Prof.	Structural Engineering	1	0
D.Sushmitha	M.Tech	Asst.Prof.	Structural Engineering	1	0
Ch. Ramesh	M.Tech	Asst. Prof	Structural Engineering	2	0
K. Siva Ram	M.Tech (Geo Tech.)	Asst. Prof	Geo Tech	1	0
M. Govardhan Reddy	M.Tech (Structural)	Asst. Prof	Structural	1	0

P. Prathima	MSc	Asst.Prof.	Environmental Science	1	O
M.Phani Kumar	M.Tech	Asst. Prof	Structural Engineering	1	O

11. List of senior visiting faculty:

Sl. No	Name	Designation	Parent institution
1	Dr.T.D Gunneswararao	Professor	NIT, warangal
2	Dr.U.Mohana Rao	Rtd. Principal	V.R.Sidhartha Engineering college, Kanur.Vijayawada
3	S.Srinivas Rao	Asst.Engineer	APTRANSCO, Vijayawada
4	Y.Yamini	A.E.E	Irrigation Dept, Vijayawad
5	K.H.Reddy	A.E.E	CRDA, Vijayawada

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : 15

13. Student -Teacher Ratio (programme wise):

For UG: 15:1,   For PG: 12:1

14. Number of academic support staff (technical) and administrative staff.

	Sanctioned	Filled
Academic support Staff(technical)	6	6
Administrative staff	1	1

15. PG. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil /

S.NO	QUALIFICATION	NO.OF FACULTY
1	Ph.D	4
2	PG	28

16. Number of faculty with on-going projects from

 a) National b) International funding agencies and grants received:

    None

17. Departmental projects funded by

   DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

    1(applied)

18. Research Centre /facility recognized by the University: None.

19. Publications: Faculty Details: Refer 3.1.4

20. Areas of consultancy and income generated: Concrete Testing, Surveying,Grain size analysis for sand, Steel bars Testing and Soil Testing: Rs. 1, 75,400.00

21. Faculty as members in a) National committees, b) International Committees, c) Editorial Boards....

S.No	Name of the Staff	Designation	Membership in professional society	Members in editorial Board
1	V.Ramakrishnan	Life Membership	MIE,MIAEM,ISTE	-
2	Y.Anand Babu	Life Membership	IGS,MIE,IAENG	-
3	M.Bala Raju Nayak	Life Membership	Indian Geotechnical Society (IGS), IAENG	-
4	P.Gopi	Life Membership	Indian Geotechnical Society (IGS), IAENG	-
5	K.Pravallika	Life Membership	Indian Geotechnical Society (IGS), IAENG	-
6	K.A.Nandini	Life Membership	Indian Geotechnical Society (IGS), IAENG	-
7	S.S.G.Sowjanya	Life Membership	Indian Geotechnical	-

		Society (IGS), IAENG	
8	A.Srikanth	Life Membership	Indian Geotechnical Society (IGS), IAENG	-

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme

S. No.	Year	No. of batches	% of projects done in House	(%) of projects done in Outside
1	2014-15	10	100	
2	2013-14	10	100	-
3	2012-13	11	100	-

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: 15

23. Awards / Recognitions received by faculty and students

S.No.	Name of the Faculty / Student	Award / Recognition	Year
1	Dr.RBala Murugan	Ralf Nattar Award	2010
2	Dr.RBala Murugan	Best Programme Officer	2014
3	Dr.RBala Murugan	Best YRC(Youth Road Congress)	2012

24. List of eminent academicians and scientists / visitors to the department:

S.No	Name of the Staff	Designation	Year
1	Mr.Ghanta Subba Rao	Chairman AP State Skill Development Corporation	2014
2	Mr.M.Ranga Rao	Principal Chirala Engineering College	2015
3	Mr.M.Rama Rao	Professor RVR &JC college of Engg. IGS-Secretary (Guntur chapter)	2015

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National – 6   b) International – 2

26. Student Profile Programme /Course Wise :

*M = Male *F = Female, * indicates filled by state government through EAMCET

Name of Course / Programme	Academic Year	Applications Received	Selected	Enrolled Male	Enrolled Female	No of Passed	Pass%
B.Tech	2009-2013	60	49	39	10	37	75.5
	2010-2014	120	55	48	7	24	43.6
	2011-2015	120	50	44	6	24	48.0

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2014-15	B.Tech & M.Tech (C.E.)	100	NIL	NIL
2013-14	B.Tech& M.Tech (C.E.)	100	NIL	NIL
2012-13	B.Tech. (C.E.)	100	NIL	NIL
2011-12	B.Tech. (C.E.)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

PGCET QUALIFIED – 10

29. Student progression

Student progression	Against Candidates enrolled			
	2011-15	2010-14	2009-13	2008-12
UG to PG	9	13	16	NA
PG to M.Phil.	--	--	--	NA
PG to Ph.D.	--	---	--	NA
Ph.D. to Post-Doctoral	--	--	--	NA
Employed • Campus selection • Other than campus recruitment	9	15	24	NA
Entrepreneurship/Self-employment	--	--		NA

30. Details of Infrastructural facilities

a) **Library**

No. of Volumes	No. of National Journals subscription	No. of International Journals subscription
1231	33	00

b) **Internet facilities for Staff & Students**:

   10 Mbps-Leased Line from NettLinx India Pvt limited for Entire Campus

c) **Class rooms with ICT facility**: 01

Mandatory Disclosure

d) Laboratories

S.NO	Name of The Laboratory	Exclusive/Shared	Area (Sq.Mts)	Major Equipment
1	SURVEYING LAB	EXCLUSIVE	66	a) Auto level b)Dumpy level c) Theodilite d)Prismatic compass e) plane table f) Total station
2	GEOLOGY LAB	EXCLUSIVE	66	Rock and mineral specimens and models
3	Concrete Technology Lab	EXCLUSIVE	66	Workability equipment and vibration machine
4	Transportation Engineering Lab	EXCLUSIVE	80	a)Bitumen test equipments b) Aggregate test equipments c) Abrasion test equipment d) Benkleman Beam deflection test equipment
5	W&WWE Lab	EXCLUSIVE	80	pH, Turbidity Conductivity, COD, imhoff, BOD,Jar test apparatus and muffle furnace
6	Geotechnical Engineering Lab	EXCLUSIVE	80	Field density test equipment, consistency tests, compaction, CBR, Direct shear, Permeability, Vane shear tests equipment and oven
7	GIS & CAD Lab	EXCLUSIVE	110	

8	Strength of Materials Lab	EXCLUSIVE	80	UTM,CTM,Torsion,Spring ,Hardness,Impact,Beam tests equipments
9	Advanced Structural Engineering Laboratory	SHARING	66	J-Ring, L-Box, U-Box, V-Funnel, Flow Table Horizontal shake table,,
10	Fluid Mechanics Lab	EXCLUSIVE	132	Impact,centrifugal,reciprocal,bernoulis,Orifice,venturimeter,notches,pelton wheel ,francis turbine

31. Number of students receiving financial assistance from college, university, government or other agencies

S.NO	Academic Year	Course UG/PG	No. Admitted	No.of Students Got Financial Assistance	Financial assistance from College/ University/ Government / Other agencies
1	2014-15	UG	51	37	Government (under fee reimbursement)
2	2013-14	UG	82	62	Government (under fee reimbursement)
3	2012-13	UG	91	52	Government (under fee reimbursement)
4	2014-15	PG	36	30	Government (under fee reimbursement)
5	2013-14	PG	24	18	Government (under fee reimbursement)

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Academic Year	Name of the workshop/seminar organized	Resource Persons	Date (s)
2015-16	One day national seminar on Structural Hazard Allied Knowledge of Earthquake (SHAKES-2015)	Dr.GopalRai, Dr.Neelima atyam, Dr.Suriya Prakash, Dr.Pradeep Sarkar	29/08/2015
2015-16	Three days workshop on GIS	G.V.K. Kasyap Assistant Professor JNTUK	30/10/15
2015-16	Three days workshop on CAD	P Prasad Designer	21/09/2015
2015-16	One Day Guest lecture on Geotechnical Engineering aspects	S.Srinivas Kumar Assistant Engineer APTRANSCO	14/10/2015
2014-15	Two Days workshop on TEKLA Software	Mrs. Jeevana Kamma, MR. M.Suresh	10/10/2014-11/10/2014
2014-15	One Day Guest lecture on "High Rise Buildings"	Babar Baig Assistant Engineer NCC PVT ltd.	05/03/15
2014-15	Guest Lecture on Durability of Concrete	Mr. N.P.N. Murthy	02/03/2015
2014-15	Guest Lecture on Prestressed Concrete	Mr.SK.Bademia	02/04/2015
2013-14	One Day national workshop on Mapping and Modeling with Arc-GIS	Mr. Md.Naseer Ahmed ,ESRI.Hyd Mr.K.S.Pradeep , ESRI, Hyd	30/8/2013
2013-14	One Day National Level Seminar on Design of Mix Proportion of Concrete	Dr.V.Ramarao	10/01/2014

33. Teaching methods adopted to improve student learning:

- ✓ Imparting outcome based education to students.
- ✓ Advising to participate in group discussions, technical quizzes, literary, sports and games activities to develop analytical and problem solving abilities in them and thereby, to prepare them for presenting technical papers at seminars and paper contests organized by this or outside the college
- ✓ Pre-placement training programs to students by external & internal experts to prepare the students

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Year	Service Done	Venue	Dates
2015-16	Parking Studies at Corporate hospitals	Vijayawada	12/06/20115
2014-15	Water Quality & Quantity Survey	Around Vijayawada(8 mandals)	03/03/2015
2014-15	Agriculture land survey for farmers	Kanchikacherla	10/12/2014
2014-15	Blood Donation Camp by Lions Club of Vijayawada	MVR College Campus	22/11/2014
2013-14	Started Vote Pledge –A Portal for Vote Importance	Website	12/08/2013
2012-13	Traffic Survey for Vijayawada Traffic police	Benz Circle,Durgamma temple.	05/08/2012
2012-13	Free Health Camp	Paritala	06/10/2012
2011-12	NSS –Blood Donation Camp	MVR Campus	11/02/2011

35. SWOC analysis of the department and Future plans

Strengths

- ☐ Experienced and Knowledgeable Faculty members.
- ☐ Good Teaching Environment well equipped Laboratory, Library and Internet Facilities.
- ☐ Learning through Doing‖ kind of practice makes students good at their performances.
- ☐ Highly accessible faculty passionately involving in students' affairs
- ☐ High interaction with Industry People

Weaknesses

- ☐ R& D and consultancy work has yet to pick up
- ☐ Inability to secure research grants from funding agencies

Opportunities

- ☐ Very good opportunities in Construction industry
- ☐ Huge job opportunities in future with adaptation by State and Central governments
- ☐ Job oppurtunities in CRDA projects.
- ☐ Job oppurtunities in Local Infrastructure Projects (Vijayawada and Guntur)
- ☐ Oppurtunity to take up their own consultancy and contracts.

Challenges

- ☐ Preparing the students to meet current corporate requirements technically.
- ☐ Inspiring the students and the faculty to take up research.
- ☐ Poor Communication Skills in Students.

Future Plans

- ☐ Collaborating with premier Indian and foreign universities
- ☐ Securing more internship opportunities for the students
- ☐ Securing financial resources from various funding agencies
- ☐ Training the students to become entrepreneurs

Mandatory Disclosure

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EVALUATION REPORT DEPARTMENT OF
ELECTRICAL & ELECTRONICS ENGINEERING

</div>

1. Name of the department: **Electrical & Electronics Engineering**
2. Year of Establishment: **2008**
3. Names of Programmes / Courses offered

   (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

S.no	Course	Specilization
1	UG - B.Tech	EEE
2	PG - M.Tech	PE&D

4. Names of Interdisciplinary courses and the departments/units involved:

S.no	Course	Department
1	English Communication & Practice	S&H
2	Environmental Studies	
3	IPR&P	MBA
4	Management Studies	
5	Managerial Economics & Financial Analysis	
6	Thermal & Hydel Prime Movers	ME
7	Thermal & Hydel Prime Movers	
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	
15	Computer Organization	CSE
16	Oops Through Java	

17	UNIX & Shell Programming	
18	Data Base & Management Sytem	

5. Annual/ semester/choice based credit system (programme wise) :

- **UG: B.Tech** – Electrical and Electronics Engineering – Semester Based - Credit System – Electives from Heigher Semesters
- **PG: M.Tech** – Power Electronics and Drives – Semester Based - Credit System – Electives in every Semesters

6. Participation of the department in the courses offered by other departments:

S.no	Course	Departments Offered
1	Basic Electrical & Electronics Engineering	CE & ME
2	Eelctrical technology	ECE
3	Networks & Electrical Technology Lab	ECE
4	Network Analysis	ECE

7. Courses in collaboration with other universities, industries, foreign institutions, etc. **RK Transformers, Suraipalem**

8. Details of courses/programmes discontinued (if any) with reasons : **Nil**

9. Number of teaching posts

	sanctioned	Filled
Professors	02	02
Associate Professors	03	03
Asst. Professors	15	15

Mandatory Disclosure

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 Guided
1	Dr.K.S. Reddy	Ph.D.	Prof.	Power Systems	15	-
2	Dr.P.Naga Raju. M	Ph.D.	Professor	Power Systems	15	-
3	T. Rushi Santhosh Singh	M.Tech.	Assoc.Prof. & HOD	Power Electronics	8	-
4	Ch Vijay Chandar	M.Tech.	Assoc.Prof.	Power Electronics & Electrical Drives	9	-
5	T. Kamal kiran	M.Tech.	Assoc.Prof.	Power Electronics & Drives	7	-
6	G. Sri Harsha	M.Tech.	Asst.Prof.	Power & Industrial Drives	5	-
7	MA.Salma	M.Tech.	Asst.Prof.	Power Systems	4	-
8	Ch. Srinivas	M.Tech.	Asst.Prof.	Power Systems	2	-
9	Y Usha Rani	M.Tech.	Asst.Prof.	Power Electronics & Electrical Drives	1	-
10	K. Kiran kumar	M.Tech.	Asst.Prof.	Power	1	-

			Electronics & Electrical Drives		
11	P Nagangeneyulu	M.Tech.	Asst.Prof.	Power Electronics & Electrical Drives	1	-
12	Jagadeesh Chandra Nag	M.Tech.	Asst.Prof.	Power Electronics & Electrical Drives	1	-
13	G Rajani	M.Tech.	Asst.Prof.	Power Electronics & Electrical Drives	1	-
14	P Geetanjali	M.Tech.	Asst.Prof.	Power Systems	2	-
15	R Srinu	M.Tech.	Asst.Prof.	Power Electronics & Electrical Drives	2	-
16	M Phakira Naik	M.Tech.	Asst.Prof.	Power Electronics & Electrical Drives	1	-
17	S Sai Ram	M.Tech.	Asst.Prof.	Power Electronics & Electrical Drives	-	-
18	Md Kouser	M.Tech.	Asst.Prof.	Power Electronics & Electrical	-	-

				Drives		
19	K.Venkateswarlu Nayak	M.Tech	Asst.Prof	Power Systems	5	-
20	J. Hemanth Kumar	M.Tech	Asst.Prof	Power Systems	1	-

11. List of senior visiting faculty: **Nil**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **Nil**

13. Student -Teacher Ratio (programme wise) :
   - UG: B.Tech(EEE) 15:1
   - PG: M.Tech(PE&ED) 12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Post	Sanctioned	Filled
Administrative staff	02	02
Academic Support Staff	05	04

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.:

S.No	Qualification	No. of Faculty
1	Ph.D	02
2	PG	18
3	UG	NIL

16. Number of faculty with ongoing projects from National, International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc.
    and total grants received: Nil

18. Research Centre /facility recognized by the University; **Nil**

19. Publications: annexure -1 enclosed

   a) Publication per faculty: **13**

   - Number of papers published in peer reviewed journals
     (national / international) by faculty and students : **25**

   - Number of publications listed in International Database (For Eg: Web of
     Science, Scopus, Humanities International Complete, Dare Database -
     International Social Sciences Directory, EBSCO host, etc.) **Nil**

   - Monographs-**NIL**

   - Chapter in Books-**NIL**

   - Books Edited - **NIL**

   - Books with ISBN/ISSN numbers with details of publishers –**NIL**

   - Citation Index - **NIL**

   - SNIP – **NIL**

   - SJR - **NIL**

   - Impact factor - Given The Above Table

   - h-index – **NIL**

20. Areas of consultancy and income generated: Rs. **47,000.00**

Year	Nature of Work	Client	Income Genertated
2009-10	Transformer Testing	RK Transformers	Rs. 13,000
2012-13	Load Estimation	NUCON Blocks, Kanchikacherla	Rs. 14,000
2013-14	Electrical Mainteinance	NUCON Blocks, Kanchikacherla	Rs. 10,000
2014-15	Electrical Mainteinance	NUCON Blocks, Kanchikacherla	Rs. 10,000

21. Faculty as members in : a) National committees b) International Committees c) Editorial Board

S.No.	Name of the Staff	Designation	Membership in Professional Societies
1	Dr.K.S. Reddy	Life Member	International Association of Engineers
2	T. Rushi Santhosh Singh		
3	Ch Vijay Chandar		
4	T. Kamal kiran		
5	G. Sri Harsha		
6	MA.Salma		
7	Ch. Srinivas		
8	Y Usha Rani		
9	K. Kiran kumar		
10	P Nagangeneyulu		
11	Jagadeesh Chandra Nag		
12	G Rajani		
13	P Geetanjali		
14	R Srinu		
15	M Phakira Naik		
16	S Sai Ram		
17	Md Kouser		
18	K.Venkateswarlu Nayak		
19	Ch. Srinivas	**Member**	**Institute of Engineers**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme:

S.No.	Academic Year	No. of In-House Projects	
		UG	PG
1	2014-15	10	15(in progresss)
2	2013-14	14	-
3	2012-13	12	-
4	2011-12	09	-

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies: **Nil**

23. Awards/ Recognitions received by faculty and students: **28**

24. List of eminent academicians and scientists/ visitors to the department

S.No	Name	Designation
1	Dr. P V R L Narasimham	Prof. & Head, VRSEC
2	Dr. Sambasiva Rao	Prof. & Head, NRIA
3	Mr. B Madhu Kiran	Assoc. Prof. & Head, VRSEC
4	Mr. M M Ramana Prasad Reddy	Assoc. Prof. & Head, VRSEC
5	Mr. J Uday Bhaskar	Assoc. Prof. & Head,PVPSIT
6	Mr. K Sudhakar Reddy	Professor, PVPSIT
7	Mr. M Sreedhar	Prof. & Head, GIET

25. Seminars/ Conferences/Workshops organized & the source of funding:

a)National   b)International

S.No	Date	Event	Source of Funding
1	12/09/12 to 14/09/12	Three day national level Workshop on Matlab	
2	15/09/2012	Medhavi-2k-12 "An exclusive technical paper presentation"	
3	15/09/13 to 16/09/13	Two day workshop on Advanced Power Systems	**MVRS**
4	15/09/14 to 16/09/14	A Two day workshop on Supervisory Control on PID	
5	03/11/14 to 08/11/14	Energy conservation week	
6	12/09/15 to 14/09/15	A Three day workshop on Wavelets	

Mandatory Disclosure

26. Student profile programme/course wise:

PG Program

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
2013-15	17	24	12	5	85.16

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of Students from the same state	% of students from other States	% of students From abroad
U.G.	100%	0	0
P.G.	100%	0	0

28. How many students have cleared national and state competitive examinations such * as NET, SLET, GATE, Civil services, Defense services, etc. ?

Name of Course / Programme	Academic Year	Applications Received	Selected	Enrolled Male	Enrolled Female	No of Passed	Pass%
B.Tech	2008-2012	60	54	47	7	24	45%
	2009-2013	60	50	43	7	29	58%
	2010-2014	60	57	44	13	23	52.3%
	2011-2015	60	39	33	6	15	45.4%

S.No	Academic Year	Name of the Competitive Exams	No. of Students Cleared
1	2008-12	GATE	00
		GRE	01
		PGECET/ICET	00
2	2009-13	GATE	00
		GRE	01
		PGECET/ICET	05
3	2010-14	GATE	00
		GRE	07
		PGECET/ICET	01
4	2011-15	GATE	00
		GRE	02
		PGECET/ICET	01

29. Student progression

Student progression	Against % enrolled			
	2008-12	2009-13	2010-14	2011-15
UG to PG	01	07	09	02
PG to M.Phil.	NA	NA	NA	NA
PG to Ph.D.	Nil	NA	NA	NA
Ph.D. to Post-Doctoral	Nil	NA	NA	NA
Employed	13	14	13	21
Enterprenuership/Self Employed	NA	01	02	01

30. Details of Infrastructural facilities

a) Library: Plinth Area: 40 Sq. fts.

Department	Electrical & Electronics Engineering
No. of Books	75
No. of Titles	30

b) Internet facilities for Staff & Students:

Wi-Fi enabled Campus with Internet speed of 10 Mbps

c) Class rooms with ICT facility:

Rooms	No of Rooms	Facilities Available
No. of Class Rooms	04	Benches, fans, Tube lights, podium, Glass Board, Chalks & Duster
No. of Tutorial Rooms	01	Benches, fans, Tube lights, podium, Glass Board, Chalks & Duster
Webinar Hall	01	LCD Projector, Air Conditioners, Tube Lights, Fans, Glass Board, White Board, Goose Neck Mic, Collar Mic, Good Quality PA system with Speakers

Mandatory Disclosure

d) Laboratories:

S.No	Shared/Exclusive	Labs Conducting	Floor Area (Sq.Mts.)	Cost (Rs.)
1	Shared	Electrical Machines Lab-I	231Sq.Mts.	11,02,400
		Electrical Machines Lab-II		
		Electrical Technology Lab		
		Basic Electrical Engineeriong Lab		
2	Shared	Control Systems	99	4,52,470
		Power Electronics Lab		1,66,400
3	Shared	Networks Lab	66	23,000
		Electrical Measurements Lab		86,350
4	Exclusive	Power Converters & Drives Lab	66	6,86,200
5	Shared	Electrical Simulation Lab	66	16,86,000
		Systems Simulation Lab		

31. Number of students receiving financial assistance from college, university, government or other agencies:

S.No.	Academic year	No. of Students	Financial Assistance
1	2008-12	42	
2	2009-13	40	
3	2010-14	39	Government
4	2011-15	11	

Details on student enrichment programmes

(Special lectures/workshops /seminar) with external experts:

S.No	Date	Event
1	12/09/12 to 14/09/12	Three day national level Workshop on Matlab
2	15/09/2012	Medhavi-2k-12 "An excusive technical paper presentation"
3	15/09/13 to 16/09/13	Two day workshop on Advanced Power Systems
4	09/12/13 to 21/12/13	Conducted Campus recruitment training program for IV EEE students
5	15/09/14 to 16/09/14	A Two day workshop on Supervisory Control on PID
6	03/11/14 to 08/11/14	Energy conservation week
7	08/12/14 to20/12/14	Conducted Campus recruitment training program for IV EEE students
8	14/08/15 to 21/08/15	Conducted Campus recruitment training program for IV EEE students
9	12/09/15 to 14/09/15	A Three day workshop on Wavelets

32. Teaching methods adopted to improve student learning:

NPTEL, Coeerd, LEARNING WARE, LCD PROJECTOR, OHP, Real time systems examples, Industrial Tours

33. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Through NSS & Swarna Trust conducting awareness programs & helping the people working with good cause.
  - Green energy
  - Load Survey
  - Energy conservation week
  - Minimization of load
  - Solar initiation

34. SWOC analysis of the department and Future plans:

STRENGTHS

- Experienced, qualified and learned staff
- Good infrastructure as per academic standards
- Good Lab and Library facilities as for standards
- Eco friendly and Pollution free Environment
- Top management commitment
- The institute is well known for quality education and discipline
- Consistent good University results
- The Dept empowers rural youth
- Staff retention ratio is very high
- Good computation facility with necessary software
- Teaching methodologies as per GATE and IES Syllabus.
- Student centric facilities: JKC (Star status);Placement cell; Infosys campus connect ; professional student chapters ISTE, IEEE; e-Class Rooms, Internet facility, English language Lab

WEAKNESSES

- Inadequate research and consultancy
- Lack of "Finishing School" facility

OPPORTUNITIES

- Increased global need for quality engineering graduates
- Catering to the needs of rural youth thus touching the bottom of the pyramid in Nation building
- More jobs particularly in electrical industry
- Establishment of SEZs in India for industrial growth

CONSTRAINTS

- Exponential growth of new Engineering Colleges
- Gradual deterioration in the standards of incoming students
- Unavailability of qualified and experienced staff due to rural background of the college
- Entry of foreign universities
- Number of students from rural areas with Telugu medium background

Future plans:

1. To conduct national conference every year.
2. To conduct faculty development programs with the help of UGC/AICTE
3. International level symposiums for students to develop communication skills and leadership qualities.
5. Planning to Collaborate with reputed Industries to improve the technical skills of students and staff.
6. To activate Research & Development cell.
7. Planning industrial tours for II, III and IV EEE students.
8. Dept has proposed to Establish Motor winding and starters repair Workshop to give hands on experience to students.

Mandatory Disclosure

1. Name of the department: **Mechanical Engineering**
2. Year of Establishment: **2012**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
   - UG: **B. Tech (ME)**
   - PG: **M. Tech (Thermal Engineering)**
4. Names of Interdisciplinary courses and the departments/units involved

Sl. No	Course	Department
1	English	Science & Humanities
2	Engineering Physics	Science & Humanities
3	Engineering Chemistry	Science & Humanities
4	Mathematics methods	Science & Humanities
5	Environmental Studies	Science & Humanities
6	Professional Ethics and Human Values	Science & Humanities
7	Managerial Economics and Financial Analysis	MBA
8	BEEE	Electrical Engineering
9	Instrumentation and Control systems	Electronics & Communication Engineering
10	Interactive computer graphics	Computer Science Engineering

5. **Annual/ semester/choice based credit system (programme wise)**

   - UG: B. Tech - Mechanical Engineering Semester based Credit

System and Electives in Higher Semesters

- PG: M. Tech - Mechanical Engineering (Thermal Engineering)
  Semester based Credit System and Electives in all Semesters

6. **Participation of the department in the courses offered by other departments**

Sl. No	Course Title	Department served
1	Engineering Drawing	EEE, ECE, CE, CSE, IT
2	Engineering Mechanics	CE, CSE, IT, EEE, ECE
3	Hydro & Thermal Prime Movers	EEE
4	Hydro & Thermal Prime Movers Lab	EEE

7. **Courses in collaboration with other universities, industries, foreign Institutions, etc.:** CITD, CIPET

8. **Details of courses/Programmes discontinued (if any) with reasons:** NIL

9. **Number of teaching posts**

	Sanctioned	Filled
Professors	2	2
Associate Professors	4	1
Asst. Professors	14	15

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

Sl. No	Name	Qualification	Designation	Specilization	No. of Years of experience
1	Dr. A. Kiran Kumar	M.Tech, Ph.D	Dean & Prof	Thermal engineering	21
2	Dr.K. Sridhar	M.Tech ,(Ph.D)	Professor and Head	Advanced Manufacturing Systems	12
3	M. Naveen	M.Tech,(Ph.D)	Assoc. Professor	CAD/CAM	10
4	M. Rajesh	M.Tech	Asst. Prof	CAD/CAM	3
5	M. Ravi Theja	M.Tech	Asst. Prof	Machine Design	2
6	V. G. Priyanka	M.Tech	Asst. Prof	CAD/CAM	1
7	Ch. Srilatha	M.Tech	Asst. Prof	CAD/CAM	0
8	Y.N.V. Mani Sandeep Kumar	M.Tech	Asst. Prof	Thermal Engineering	0
9	T.S.Nataraj	M.Tech	Asst. Prof	Metallurgy	4
10	Syed Hmeed	M.Tech	Asst. Prof	Thermal Engineering	4
11	N. Pardha Saradhi	M.Tech	Asst. Prof	Thermal Engineering	3
12	K. Naga Vishnu	M.Tech	Asst. Prof	Machine Design	4
13	Ch.	M.Tech	Asst. Prof	Metallurgy	0

	Geetanjali				
14	G. Kiran Kumar	M.Tech	Asst. Prof	Machine Design	0
15	N. Naresh Babu	M.Tech	Asst. Prof	Mechanical	3
16	R.Suresh	M.Tech	Asst. Prof	Machine Design	3
17	G.V.Prudhvi Dileep	M.Tech	Asst. Prof	Thermal	0
18	V.Srikanth Reddy	M.Tech	Asst. Prof	Machine Design	0

11. List of senior visiting faculty

S.No	Name of the Faculty	Designation	University
1	Dr. T. S.S. Balaji	Principal	BITS, Kurnool
2	Dr. D. Srinivasa Rao	Professor	SVH college of engineering
3	Dr. T. Nancharaiah	Assoc. Professor	NIT - Tadepalligudem

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NIL

13. Student -Teacher Ratio (Programme wise)
- UG: B. Tech (ME) 15:1
- PG: M. Tech (ME) 12:1

14. **Number of academic support staff (technical) and administrative staff sanctioned and filled**

Post	Sanctioned	Filled
Administrative Staff	2	1
(Technical)	8	5

15. Qualifications of teaching faculty with D. Sc. / D. Litt. / Ph. D/ M. Phil. / P.G.

Sl. No.	Qualification	No. of Faculty
1	Ph. D	2
2	M. Tech	16

16. Number of faculty with ongoing projects from: NIL

a) National   b) International funding agencies and grants received

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

S.no	Faculty ID	Faculty Name	Title of the Paper	Name of the Journal	Month Year of publication	ISSN No.
1	ME020	Manne. Naveen	Optimization of a Railway Bogie	International Journal of Advanced Engineering Technology	April-June – 2013	0976-3945
2	ME020	Manne. Naveen	Analysis Of Cold Rolling And Annealing On MechanicalProperties Of Steel IS-513 (CRO6)	International Journal of Engineering Research & Technology (IJERT)	May – 2013	2278-0181
3	ME020	Manne. Naveen	Design and Theoretical Validation of Double Wall Insulated Anechoic Chamber For Noise Evaluation	Indian Streams Research Journal	May – 2013	2230-7850
4	ME020	Manne. Naveen	Determining Hysteresis Damping in a Steam Turbine Blade Using Lazan's Law	International Journal of Advanced Engineering Technology	April-June – 2013	0976-3945

5	ME014	V. Gowthami Priyanka	Evaluation of Wear Properties of Jute Reinforced Polypropylene Composites	International Journal of Engineering Research & Technology	Nov – 2014	2278-0181
6	ME019	C. Sri Latha	Modelling And Analysis of Wing of A380 Flight	International Engineering and Research Journal	2015	1300-112-115
7	ME021	Y.N.V.M.S andeep Kumar	Aerodynamic Studies of non – Circular High – rise buildings	IOSR-Journal of Mechanical and Civil Engineering	Sep-Oct-2015	e-ISSN: 2278-1684,p-ISSN: 2320-334X,
8	ME01	M.Rajesh	Performance and Emission Analysis of a Four Stroke Diesel Engine with Hibiscus Ethyl Ester as Alternate Fuel	IJEMR- International Journal of Engineering and Management Research	Dec-2015	ISSN (ONLINE): 2250-0758, ISSN (PRINT) : 2394-6962
9	ME014	V. Gowthami Priyanka	Performance and Emission Analysis of a Four Stroke Diesel Engine	IJEMR- International Journal of Engineering and Management	Dec-2015	ISSN (ONLINE): 2250-0758, ISSN

			with Hibiscus Ethyl Ester as Alternate Fuel	Research		(PRINT) : 2394-6962
10	ME021	Y.N.V.M.S andeep Kumar	Performance and Emission Analysis of a Four Stroke Diesel Engine with Hibiscus Ethyl Ester as Alternate Fuel	IJEMR- International Journal of Engineering and Management Research	Dec-2015	ISSN (ONLINE): 2250-0758, ISSN (PRINT) : 2394-6962
11	ME04	M.Ravi Theja	Performance and Emission Analysis of a Four Stroke Diesel Engine with Hibiscus Ethyl Ester as Alternate Fuel	IJEMR- International Journal of Engineering and Management Research	Dec-2015	ISSN (ONLINE): 2250-0758, ISSN (PRINT) : 2394-6962

20. Areas of consultancy and income generated

Sl. No	Client	Project title	Duration	Project value	Income Generated	Faculty involved
1	Style In-Fab	Design of Dies to Fabricate Metal (G.I)Doors &Frames	3 months	40,000	15,000	K.Sridhar
2	Tarun Tech Engineers	Design of vaccum pump moulding system	2 months	45,000	10,000	Dr.A.Kiran kumar

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards etc.

National committees:

Sl.No	Faculty Name	Professional Body	Membership No.	Membership Type
1	Dr. A. Kiran Kumar	SAE INDIA	09380	1 Year
2	Dr. A. Kiran Kumar	IAENG	158380	Life member
3	K.Sridhar	IAENG	172810	Life member

Editorial Boards:

S. No.	Name of the Faculty	Designation	Member type
1	K.Sridhar	Associate Editor, JCHPS,ISSN: 0974-2115	3 Years

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: For final year students it is planned to conduct in house project

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: NIL

23. Awards / Recognitions received by faculty and students at National and International Level Faculty: NIL

Students:

S.No	Name of the student	Academic Year	Name of the Award	Awarded By
1	Giridhar Sai.v	2013-14	1 st Prize in Paper presentation	Technostav-14
2	Giridhar Sai.v	2013-14	1 st Prize in Paper presentation	Sapience-14
3	David raju.M	2013-14	2nd Prize in Poster presentation	Sapience-14
4	Sathwik.V	2013-14	2nd Prize in Poster presentation	Sapience-14
5	Pavan.S	2013-14	1 st Prize in Paper presentation	Sapience-14
6	Pavan.S	2013-14	1 st Prize in Paper presentation	Techfest-14

| 7 | Giridhar Sai.v | 2013-14 | 2nd Prize in Poster presentation | Techmantra |
| 8 | David.M | 2013-14 | 2nd Prize in Poster presentation | Techmantra |

24. List of eminent academicians and scientists / visitors to the department

S.No	Date	Name of the Academician	Designation	Organization	Purpose of Visit
1	21-12-2013	D.Srinivasa Rao	Assoc Professor	DMSSVHCE	Workshop
2	23-4-2014	Dr.T.Nancharaiah	Professor& H.O.D	DMSSVHCE	Workshop
3	31-10-2014	Dr.A.Kiran kumar	Professor & H.O.D	Ace Engineering college-Hyd	Seminar
4	3-12-2014	Dr.P.Vijaya kumar	Professor,	LBRCE	Guest Lecture
5	3-10-2014	P.Jeevana	Engineer	Tekla	Workshop
6	21-08-2015	B. Srinivas Rao	Engineer	Kalva group of Engineers	Workshop

25. Seminars/ Conferences/Workshops organized & the source of funding a) National   b) International

Events: Seminars

Sl. No	Date of the Event	Seminar Topic	Resource Person	Source of Funding
1	21-12-2013	Recent Techniques in projection of solids	D.Srinivasa Rao Assoc Professor DMSSVHCE	MVRS
2	23-4-2013	Unconventional Machining Process	Dr.T.Nancharaiah Professor& H.O.D DMSSVHCE	MVRS
3	31-10-2014	Enhancement in Tribiological properties by adding Nano Particles	Dr.A.Kiran kumar Professor & H.O.D Ace Engineering college-Hyd	MVRS
4	3-12-2014	Application of phase change materials in cooling buildings	Dr.P.Vijaya kumar Professor,Lbrce	MVRS
5	31-1-2015	Advances in balancing methods used in rotating shafts	Dr. D.Srinivasa Rao Professor DMSSVHCE	MVRS
6	5-09-2015	Thermal analysis of nozzles	Dr.T.Srinivas Rao	MVRS
7	23-09-2015	Crack detection methods using signal processing in machine components	Dr. D.Srinivasa Rao Professor, & HOD, DMSSVHCE	MVRS
8	21-10-2015	Overview of steam power plant	CH.V.Nagraj,Sub Engineer,NTTPS	MVRS
9	22-10-2015	Overview of steam power plant	CH.V.Nagraj,Sub Engineer,NTTPS	MVRS

Workshops Faculty

S.NO	Name of the workshop	Academic year	Dates	No.of days	No.of students attended
1	Advances in cadd	2013-2014	9-10-13 to 10-10-13	2	45
2	Basic manufacturing processes and technologies	2013-2014	10-6-14 to 11-6-14	2	48
3	Tekla structures	2014-2015	3-10-14to4-10-14	2	65
4	Finite element analysis of solids	2014-2015	12-12-14to 13-12-14	2	56
5	Non destructive testing techniques	2015-2016	21-8-15 to 22-8-15	2	150
6	Introduction to welding processes	2015-2016	23-10-15 to 24-10-15	2	102

Mandatory Disclosure

Development Programms

S.No	Name of the Resource person	Designation	Topic Covered & Discussed	Date
1	Sri. CH. Nagaraju	(SE-NTTPS)	Hurdles in maintenance of power plants.	28-7-2015
2	Dr. T.S.S. Balaji	Principal B.I.T.S kurnool	Linear &Non Linear Quantitative Methods	29-7-2015
3.	Sri. N. Gangadhar	Industrialist	Enterpreneur Developments &Govt Assistance.	30-7-2015
4.	Dr. D. Abid Ali	Professor K.L. University	Mechanical &Thermal Characterization of Composites.	31-7-2015
5.	Dr. B.S.B. REDDY	Principal, Universal college of Engg.	A Brief review Of Nano Particles.	1-8-2015

International: NIL

26. Student profile programme/course wise:

Year	Name Course/ program	Applications received	Selected (Number Admitted including Lateral Entry)	Enrolled	Overall Pass percentage
2012-13	UG B. Tech (ME)				
2013-14					
2014-15					
2015-16	UG B. Tech (ME)		-NA-		
2015-16	PG M.Tech (ME)				

M = Male F = Female,

indicates filled by state government through EAMCET / PGECET

6.   Diversity of Students

Name of the Course	% of students from the same state	% of students from from other States	% of students from from abroad
UG	100	0	0
PG	0	0	0

28. How many students have cleared national and state competitive examinations how many students have cleared national and state competitive examinations

Sl. No	Academic Year	Name of the Competitive Exam	No of Students Cleared
1	2014-15	NA	
2	2013-14	NA	

29. Student progression: NA

Student progression	Against % enrolled
UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	NA
Campus selection	
Other than campus recruitment	
Entrepreneurship/Self-employment	NA

30. Details of Infrastructural facilities

a) Library: **Plinth Area: 20m².**

Department	Mechanical
No of Books	31
No of volumes	67

b) Internet facilities for Staff & Students

Wi-Fi enabled in the campus. Internet speed of 10 Mbps leased line from Nettlinx India Ltd is available

C) Class rooms with ICT facility

Rooms	No of Rooms	Facilities Available (Rs.)
Lecture Rooms	6	Adequate no of tables , benches, Fans, Tube
Tutorial Rooms	2	Lights LCD Projector and , Benches, Chalks & Dusters

d) Laboratories

Sl. No.	Name of the laboratory	Area (Sq. m)	Major Equipment	Quantity	Exclusive / Shared
1	Engineering Workshop	150	Hand Tools		Exclusive
2	Machine Tools Lab	150	Lathe Machine	2	Exclusive
			Milling Machine		
			Shaper	1	
			Slotting Machine	1	
			Drilling Machines	1	
			Grinding	1	
3	Production Technology Lab	75	Muffle Furnace Welding machines	1	Exclusive
			Sand testing Equipment	1	
			Injection Moulding	1	
			Blow moulding	1	
4	Instrumentation, Lab	66	Instruments	1	Exclusive
5	Metrology Lab	66	Instruments		
6	Heat Transfer Lab	90	Conductivity Apparatus	1	Exclusive
			Convection Apparatus	1	
			Heat Exchanger	1	

			Emissivity	1	
7	Thermal Engineering Lab	90	IC Engines	1	Exclusive
			Air compressor	1	
			Cut Models	1	
			Boilers Models	1	
8	CAD-CAM Lab	66	Software		Exclusive
9	Metallurgy Lab	66	Microscopes and Metallic structures		Exclusive

31. Number of students receiving financial assistance from college, university, government or other agencies

Sl. No	Academic Year	Course UG/PG	No. of Students	Financial assistance from
1	2012-2013	UG	48	Government (Under Fee Re-imbursement scheme)
2	2013-2014	UG	47	
3	2014-2015	UG	22	
4	2015-2016	UG	66	

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Workshops:

S.NO	Name of the workshop	Academic year	Dates	No.of days	No.of students attended
1	Advances in cadd	2013-2014	9-10-13 to 10-10-13	2	45
2	Basic manufacturing processes and technologies	2013-2014	10-6-14 to 11-6-14	2	48
3	Tekla structures	2014-2015	3-10-14to 4-10-14	2	65
4	Finite element analysis of solids	2014-2015	12-12-14to 13-12-14	2	56
5	Non destructive testing techniques	2015-2016	21-8-15 to 22-8-15	2	150
6	Introduction to welding processes	2015-2016	23-10-15 to 24-10-15	2	102

33. Teaching methods adopted to improve student learning

- Power point presentations/Video lectures/OHPs are arranged to the students by the concerned faculty.
- Tutorial classes are conducted to improve the problem solving skills Conducting class tests after completion of prescribed syllabus

- Providing extra content to fill the gap between academics and industry

- Conducting remedial classes for slow learners to improve their academic performance

- Assignments are given to students based on the need of the topic

- Easy access to the notes of each subject from department library

- Two Internal assessment tests are conducted

- Providing extra lab practice to all the students to improve the practical skills along with regular curriculum.

- For practical classes, one model test is conducted

- 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 student

- Arranging Industrial Visits

- NPTEL lectures

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

a) NSS activities

- Involving students as volunteers for conducting blood donation & eye check-up camps

- Swatchh Bharat program at Paritala village..

- Organised blood donation camp 15-10-15.

- Organised eye check up camp 15-10-15.

34. SWOC analysis of the department and Future plans

Strengths:

- Qualified and experienced faculty.

- Well equipped and spacious laboratories.

- Active participation of faculty in research activities.

- Good industry - institution interaction.

- Good employability for students after completion of course.

Weaknesses:

- Lack of Industrial research and consultancy.

- Less number of publications in journals

Opportunities:

➢ Opportunity to perform various experiments in industries for project works in final year.

➢ Opportunities to have an insight into entrepreneurship through interaction with industry personnel.

➢ Amicable management with generous attitude in the form of lucrative special pays and incentives with additional perks and allowances to attract highly qualified and efficient and veteran faculty.

Mandatory Disclosure

1 Name of the department **: Electronics & Communication Engineering**.

2 Year of Establishment : **2008**

3 Names of Programmes / Courses offered**:**

UG**: B.Tech -Electronics & Communication Engineering (ECE)**

PG**: M.Tech – Communication Engineering and Signal Processing (CE&SP)**

4 **Names of Interdisciplinary courses and the departments/units involved:**

S. No	Interdisciplinary	Department Involved
1	Electrical Technology and Network analysis	Electrical & Electronics Engineering
2	Management science and Managerial Economics & Financial Analysis	Management Business Administration
3	Data structure, Computer networks and Computer Architecture & Organization	Computer Science & Engineering
4	Environmental Studies and Intellectual Property Rights	Science & Humanities

5 **A**nnual/ semester/choice based credit system (Program wise):

a) B.Tech (Electronics & Communication Engineering) – **Semester based Credit system- Electives for Higher semester wise**

b) M.Tech (CE &SP) - Semester based Credit system- **Electives in all semesters.**

6. Participation of the department in the courses offered by other departments:

S.No.	Courses	Courses offered to Departments
1	BEDC,LDIC,MP&MC and EDC Lab	Electrical & Electronics Engineering
2	DLD and MP&MS	Computer Science & Engineering

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

The List of companies with which the college has collaboration are

S.No.	Name of the Industry	Activities
1	Cranes Software International Ltd	1.Work shop for the Students & Faculty 2.Guest Lecturers 3.Road show 4.Project Internship
2	ATI EPI	1.Work shop for the Students 2.Project Internship

8. Details of courses/programmers discontinued (if any) with reasons : Nil

9. Number of Teaching posts:

Staff Designation	Sanctioned	Filled
Professors	3	4
Associate Professors	6	7
Asst. Professors	19	19

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S.No	Name of the staff member	Qualification	Designation	Experience
1	Dr.P.V.Naganjaneyulu	M.Tech(C&SP), Ph.D (Wireless Communications)	Professor &Principal	15 Years
2	Dr. K.M. Chari	M.Tech(Communications),Ph.D(Image Processing)	Professor	20 Years
3	Dr. Ch. Srinivasa Kumar	M.Tech(Applied Electronics), (Ph.D)	Professor& HOD	28 Years
4	Mr.S.Koteswara Rao	M.Tech (Int. & CS), (Ph.D)	Professor	7 Years
5	Mr.M. Shafi Shahsavar	M.Tech(Wireless Communications), (Ph.D)	Assoc. Prof.	15 Years
6	Mr.K.Syam Babu	M.Tech(VLSI Design), (Ph.D)	Assoc. Prof.	13 Years
7	Mr.A.Ravi	M. Tech(S&SP), (Ph.D)	Assoc. Prof.	10 Years
8	Mr.A.Srinivasa Rao	M. Tech (VLSI SD)	Assoc. Prof.	9 Years
9	Mrs. G.Sree Lakshmi	M. Tech(C&SP)	Assoc. Prof.	7 Years
10	Mr.V.L Satyanarayana	M. Tech(ES)	Assoc. Prof.	7 Years
11	Mrs. V Santhi Sree	M. Tech(VLSI)	Assoc. Prof.	10 Years
12	Mr.N.Siva Govind	M. Tech(ES)	Asst.Prof.	7 Years

13	Mr.Mandure Rajan	M. Tech(C&SP)	Asst.Prof.	7 Years
14	Mr.S.Venkata Naresh	M. Tech(DECS), (Ph.D)	Asst.Prof.	6 Years
15	Mr.Ch.Bala krishna	M. Tech (ES)	Asst.Prof.	5 Years
16	Ms.N.Ramya	M. Tech(SSP)	Asst.Prof.	1Year
17	Mrs.P.Anjalidevi	M. Tech(VLSI)	Asst.Prof.	4 Years
18	Ms.Ch.Karuna pravaha	M. Tech(CE&SP)	Asst.Prof.	4 Years
19	Mrs.V.Navya Sri	M. Tech (DECS)	Asst.Prof.	4 Years
20	Ms.V.Maheswari	M. Tech(VLSI)	Asst.Prof.	4 Years
21	Mr.V.Sai Ram	M. Tech(MWE & RADAR)	Asst.Prof.	3 Years
22	Mr. R.Ranjit Kumar	M. Tech(CS)	Asst.Prof.	3 Years
23	Mr.S.Teja	M. Tech(ECE)	Asst.Prof.	3 Years
24	Mrs.R.Adi Lakshmi	M. Tech(CE&SP)	Asst.Prof.	3 Years
25	Mrs.D.S. Padmavathi	M. Tech (SSP)	Asst.Prof.	3 Years
26	Mr.P.Pradeep	M. Tech (VLSI SD)	Asst.Prof.	2 Years
27	Ms.J.Anusha	M. Tech (CE&SP)	Asst.Prof.	2 Years
28	Ms.Suneela	M. Tech(ECE)	Asst.Prof.	2 Years
29	Mr.K.Bharadwaj	M. Tech(VLSI)	Asst.Prof.	1 Years
30	Mr. K. Rajesh Babu	M. Tech(VLSI)	Asst.Prof.	3 Years

11. List of Senior Faculty Visiting:

S.No.	Name of the Faculty	Designation	Place
1	Dr.K.Satya Prasad	Professor	JNTUK, Kakinada
2	Dr.N.Balaji	Professor	JNTUVZ, Vizayanagaram
3	Dr.Ch.Srinivasa Rao	Professor	JNTU Vizayanagaram
4	Dr.K.Babulu	Professor	JNTUK,Kakinada
5	Dr. M.N. Giri Prasad	Professor	JNTUA, Ananthapur
6	Dr. Sk. Rafi	Professor	IITG, Guwahati
7	Dr. A.Narendra Babu	Professor	LBRCE, Mylavaram
8	*Dr. G.L.Madhumati*	Professor &HOD	DIET, Vijayawada
9	*Dr.Habibullah Khan*	Dean	KLU ,University

12. Percentage of lectures delivered and practical classes handled
(programme wise) : **Nil**

13. Student -Teacher Ratio (programme wise) :

   UG: B.Tech in Electronics and Communication Engineering: -
   15:1
   PG: M.Tech in Communication Engineering and Signal
   Processing: - 12:1

14. Number of academic support staff (technical) and administrative staff;
Sanctioned or filled:

S.No	Staff Designation	Sanctioned	Filled
1	Academic Support Staff (Technical)	6	4
2	Administrative Staff	2	2

15. Qualifications of teaching faculty with Dsc/D.Litt/P.hd/Mphill/PG

S.No	Qualification	Faculty Numbers
1	Ph.D	4
2	PG	26

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received**: National and International funding - Nil**

c) **Private :**

Year	Number of Faculty	Ongoing Project	Funding agency	Amount Received
2014-15	8	Electronic Wire Less Notice Board	SAK Informatics Ltd, HYD	Rs.80,253/-
2013-14	6	Fire Alarm Robotics	SRS Technologies, Vijayawada	Rs.90,101/-

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Yes**

   DST-FIST Applied for women scientist project

18. Research Centre /facility recognized by the University: **Yes**

   In House Research was Established in Conjunction with the Industry Cranes Software International Ltd

19. Publications:

a) Publication of Faculty:

S.No	Faculty Name	Title of the Paper	Name of the Journal	Month Year of publication	ISSN NO.
1	Dr.P.V.Naganjaneyulu	A Multi-Objective Bee Swarm Optimization for Energy Efficient Clustering in Multi-Hop Wireless Sensor Networks	IJAER	November, 2015	28341-28354
2	Dr.P.V.Naganjaneyulu	Performance Analysis of Pilot Symbol Aided Channel Estimation Algorithms under Rayleigh Distribution	IJMETMR	Nov, 2015	2348-4845, 1176-1182
3	Dr.P.V.Naganjaneyulu	Target Tracking Using KALMAN Filters	IJARSET	Nov, 2015	2350-0328, 1014-1020
4	Dr.P.V.Naganjaneyulu	An Effective Approach for Mixed Noise Removal Using WESNR and Modified Discrete Curvelet Transform	IJMETMR	Nov, 2015	2348-4845, 1324-1332

5	Dr.P.V.Naganjaneyulu	Automatic Error Detection in Reed-Solomon Encoders	IJRECE	Jun-15	2321-3140
6	Dr.P.V.Naganjaneyulu	Noise Removal in SAR Images using Orthonormal Ridgelet Transform	IJERA	May 2015	2248-9622
7	Dr.P.V.Naganjaneyulu	A Real Time Approach to Digital Video Watermarking for Copyright Protection Applications	IJMETMR	April, 2015	2348-4845, 487-490
8	Dr.P.V.Naganjaneyulu	A Real Time Secure Image Transmission Using Data Scrambling and Binary Key Matrices	IJMETMR	March, 2015	2348-4845, 485-489
9	Dr.P.V.Naganjaneyulu	3D MR Image Compression Techniques based on Decimated Wavelet Thresholding Scheme	IJMETMR	Dec-2014	2348-4845

10	Dr.P.V.Naganjaneyulu	An Efficient Super Resolution Colour Image Enhancement Method By Using Wavelet Zero Padding	IJASCT	Jun-14	2229-3515
11	Dr.P.V.Naganjaneyulu	A New Approach for Image Fusion Based On Fast Discrete Curvelet Transform	IJIRSET	May-14	2319-8753
12	Dr.P.V.Naganjaneyulu	Analysis of Different Colour Image Enhancement Techniques Using Interpolation and Super Resolution Methods	IJRAT	Feb-14	2321-9637
13	Dr.P.V.Naganjaneyulu	Dynamic Background Based Moving Object Detection for Real Time Video Applications	IJTES	Jan-2014	2320 – 8007

14	Dr.P.V.Naganjaneyulu	Performance Analysis of Image Resolution By Using Decomposition Method	IJASCT	Jan-14	2229-3515
15	Dr.P.V.Naganjaneyulu	SNR Estimation For High Speed OFDM systems using M-QAM	IJCEACE	Jan-14	2250-3129
16	Dr.P.V.Naganjaneyulu	Efficient Resource Allocation Method For Cognitive Radio Multi User Networks	IJRSAE	Jan-14	2319-6106
17	Dr.P.V.Naganjaneyulu	SAR Denoising Using Decimated Wavelet Thresholding Techniques	IJESR	Jun-14	2230-8504, e-ISSN-2230-8512
18	Dr.P.V.Naganjaneyulu	Target chase and Mobile sensing element finding in wireless sensor Networks	IJRCSE	Sep-Oct 2014	2321-5585
19	Dr.P.V.Naganjaneyulu	Designed Based Pre-Distribution Schemes for wireless sensor networks using scalable key	IJRCSE	Sep-Oct 2014	2321-5585

20	Dr.P.V.Naganjaneyulu	Image mining user used queries in online system	IJRCSE	Sep-Oct 2014	2321-5585
21	Dr.P.V.Naganjaneyulu	ECG Signal Denoising Using Adaptive Noise Cancellers	IJTES	Dec-2013	2320 – 8007
22	Dr.P.V.Naganjaneyulu	An Efficient Video Transmission Using Discrete Wavelet Transform Over OFDM Fading Channels	IJRECE	Oct-13	2321-5593
23	Dr.P.V.Naganjaneyulu	Distortion Free Fragile Watermarking Technique For Medical Images	IJCSEITR	Jun -2013	2249-6831
24	Dr.P.V.Naganjaneyulu	Reduction of Peak to Mean Power Ratio Using Pre-coder based Hartley Transform for OFDM Systems	IJMETMR	Dec-13	2348-4845
25	Dr.P.V.Naganjaneyulu	Speckle Noise Reduction IN SAR Images Using NLM Techniques	IJTES	Nov-13	2320 – 8007

26	Dr.P.V.Naganjaneyulu	A Noval Image Resolution Enhancement Method With Composition Of Stationary Wavelets	IJCEACE	Dec-12	2250-3129
27	Dr.P.V.Naganjaneyulu	Super Resolution Image Enhancement Method For Colour Images	IJCEACE	Dec-12	2250-3129
28	Dr.P.V.Naganjaneyulu	Comparison Of Image Resolution Analysis By WZP AND Decomposition Methods	IJCEACE	Nov-12	2250-3129
29	Dr.P.V.Naganjaneyulu	Implementation Of Integrity Of Voice And Face Recognition For Home Security By Using GSM AND ZIGBEE	IJESAT	Jul-Aug 2012	2250–3676
30	Dr.P.V.Naganjaneyulu	A Noval Image Resolution Enhancement Method With Composition Of Stationary Wavelets	DSRC	2012	2250-3129

31	Dr.P.V.Naganjaneyulu	Face Recognition Using PCA and Bit-Plane Slicing	Springer	----	--------
32	Dr.P.V.Naganjaneyulu	Medical Image Watermarking With Out Distortion	IJMETMR	----	--------
33	Mr.Ch.Srinivasa Kumar	Development Of Tcm Decoder Using Viterbi Decoder	IJCEACE	SEP2014	2250-3129
34	Mr.M.Shafi Shahsavar	Estimation Of Packet Loss On MAC Layer In Ieee 802.11 Wireless Local Area Networks	IJFGCN	2015	115-124
35	Mr.M.Shafi Shahsavar	Generation Of Uniform Random Numbers Using Look Up Table As Shift Register	IJSETR	January 2015	2278 – 7798
36	Mr.M.Shafi Shahsavar	Impulse Noise Detection And Filtering Based On Adaptive Weighted Median Filter	IJES	Nov 2012	2278-4721

37	Mr.M.Shafi Shahsavar	Retrieval of digital images using texture feature With advanced genetic algorithm	IJCTT	2012	2231-2803
38	Mr. K. Syam Babu	A Novel Approach to Design an Error Detection and Data Recovery Architecture in MLC NAND Flash Memories	IJSETR	Sep 2013	2319-8885
39	Mr. K. Syam Babu	Novel Pipelined Vedic Multiplier Constituted With Reversible Logic.	IJMETMR	Oct 2015	2348-4845
40	Mr. K. Syam Babu	Design of the Radix-10 Based BCD Multiplier Based on Multi-Operand Addition	IJMETMR	Apr 2015	2348-4845
41	Mr.A. Ravi	"A Robust and Secure Cryptanalysis Using Logical Scrambling with Histogram Matching"	IJRECE	Dec -2015	2321-5593
42	Mr.A. Ravi	Characterization Of Magnetic Resonance Brain Tumor Using Shaft Algorithm	IJMETMR	NOV 2015	2348-4845

43	Mr.A. Ravi	A novel embedding algorithm for MR image and video Steganography using pixel mapping	YUVA ENGINEERS	NOV 2015	2320-3706
44	Mr.A. Ravi	Denoising Of SAR Images Using Integrated Redundant Curvelet Transformation With EMD	IJDRT	NOV 2015	2229-5518
45	Mr.A. Ravi	Satellite image resolution enhancement using image fusion Method based on DSW AND TFT-CW transforms	IJMETMR	Nov 2015	2320-3706
46	Mr.A. Ravi	International Conference On Innocvations In Electronics & Communication Engineering	ICIECE	AUG- 2015	------
47	Mr.A. Ravi	Denoising Of Sar Images Using Integrated Redundent Curvelet Transform	ICIECE	AUG- 2015	------

48	Mr.A. Ravi	Noise Removal In Sar Images Using Orthonormal Ridgelet Transform	IJERA	May 2015	2248-9622
49	Mr.A. Ravi	SAR Denoising Using Decimated Wavelet Thresholding Techniques	IJESR	JUN 2014	2230-8504
50	Mr.A. Ravi	Noise reduction techniques in sar images using various techniques.	ICIECE	JUN- 2014	------
51	Mr.A. Ravi	Speckle Noise Reduction In SAR Images Using Nlm Techniques	IJTES	NOV - 2013	2320 – 8007
52	Mr.A. Ravi	Image Enhancement For AREALE Images Using DTCWT	ICCSP	2013	------
53	Mr.A. Ravi	A Noval Image Resolution Enhancement Method With Composition Of Stationary Wavelets	IJCEACE	2012	2250-3129

54	Mr.A. Ravi	7TH International Conference On Management And Behavioural Sciences.	ICMBS	MAR 2013	------
55	Mr.V.L. Satyanarayana	Improved performance rs decoder using LCC Decoding based on USC	IJMTER	Nov 2014	2349-4795
56	Mrs.G. Sreelakshmi	Analysis Of Removing Noise From Modelled ECG signals by using adaptive noise cancellation model	IJARCCE	2015	2319-5940
57	Mr.R.Ranjit Kumar	"A Robust and Secure Cryptanalysis Using Logical Scrambling with Histogram Matching"	IJRECE	Dec -2015	2321-5593
58	Mr.R.Ranjit Kumar	Medical Image Retrieval with Decimated Wavelet Filter Banks and Iterative Partitioned Clustering	IJRECE	Dec-2015	2321-5593

59	Mr.R.Ranjit Kumar	Arbitrary Distributed Shadowing For Improving Quality Of Real Time Streaming In Wireless Cellular Networks	IJCSMC	December 2014	2320–088X
60	Mr.A.Srinivasa Rao	Delay Limited Transmission Techniques With Low Density Parity Check Method Of Quasi Stationary Sources Over Block Fading Channels	IJERA	Dec-14	2320–088X
61	Mr.A.Srinivasa Rao	Improving Power Efficiency In Cooperative Diversity And MIMO Systems By Using Star RAM	IJERA	Oct-14	2248-9622
63	Mr.A.Srinivasa Rao	Imperceptible Data Transmission	IJTEL	Oct -2012	2319-2135
64	Mr.A.Srinivasa Rao	An advanced and area optimized l.u.t design Using A.P.C. AND O.M.S	IJCSIT	2012	0975-9646

65	Mr.Ch. Balakrishna	Satellite image resolution enhancement using image fusion Method based on DSW AND TFT-CW Transforms	IJMETMR	Nov 2015	2348-4845
66	Mr.Ch. Balakrishna	Satellite image resolution enhancement using image fusion Method based on DSW AND TFT-CW Transforms	Yuva Engineers	Nov 2015	2320-3706
67	Mr.Ch. Balakrishna	An Enhanced And Automated Self-Powered Resource-Limited Wireless Smart Camera For Multipurpose Applications	IJSETR	Nov 2014	2319-8885
68	Mr.Ch. Balakrishna	Establishing A Power And Time Optimized Serial Communication Link For High-End Transceivers	IJVDCS	Nov 2014	2322-0929
69	Mr.Ch. Balakrishna	An Automated Patient Care Taking System Using ZIGBEE AND GSM	IJIECR	Jan-jun 2012	2231-4903

70	Mr.Ch. Balakrishna	Automated Vehicular Robbery Alert Transportation System	IJIECR	Jan-jun 2012	2231-4903
71	MrsV.Navya Sri	PS2 Controller IP Core For On Chip Embedded System Applications	IJCER	June 2013	Issue 6
72	MrsV.Navya Sri	Highly Secured Bio-Metric Authentication Model With Palm Print Identification	IJRECE	July-Aug 2015	2321-5593
73	Mr.Siva Govind	FPGA Implementation of Hybrid Encryption Algorithm Based on Triple DES and RSA in Bluetooth Communication	IJARS	JUN-AUG 2012	2278 – 9480
74	Mr. V. Sai Ram	A Novel Implementation of Low Power Universal Shift Register	IJARCSSE	August 2013	2277 128X
75	Ms.Ch.Karuna Pravaha	Performance Analysis Of Pilot Symbol Aided Channel Estimation Algorithms Under Rayleigh Distribution	IJMETMR	11 Nov-2015	---------

76	Mr.S.Teja	An Efficient Transmission Of Dwt Compressed Video Frames Over An OFDM System	IJAIR	2013	2278-7844
77	Ms.V. Maheswari	A novel embedding algorithm for MR image and video Steganography using pixel mapping	YUVA ENGINEERS	NOV 2015	2320-3706
78	Ms.V. Maheswari	A Novel Approach For Optimization Of Microcode BIST By Enhanced Faults Coverage For Embedded Memory	IJERT	Aug 2014	2278-0181
79	Mr.S. Koteswara Rao	An Improved Bat-Optimized Cluster-Based Routing For Wireless Sensor Networks	Spinger	2015	--------
80	Mr.S. Koteswara Rao	An Efficient Hybrid Bat-Optimized Clustering For Wireless Sensor Networks	JWSN	July 2015	2001-6417

81	Mr.S. Koteswara Rao	An Efficient Hybrid Bat-Optimized Clustering	IECIE	Jun 2015	2249-684
82	Mr.M.Rajan	Performance Analysis of BER in Wavelet-OFDM under Various Channels For 4G Wireless Communications	IJMETMR	Nov-2015	2348-4845
83	Mr.S.V.Naresh	A Novel ICI Mitigation Algorithm for Wide Band OFDM Systems Under Rayleigh Channel	IJMETMR	Nov-2015	2348-4845
84	Mr.S.V.Naresh	Automatic error detection in Reed-solomon encoders	IJRECE	JUNE2015	2321-3159
85	Ms.J.Anusha	Delay Limited Transmission Techniques With Low Density Parity Check Method Of Quasi Stationary Sources Over Block Fading Channels	IJERA	Oct-14	2248-9622

86	Mrs.R.Adi Lakshmi	Characterization Of Magnetic Resonance Brain Tumor Using Shaft Algorithm	IJMETMR	NOV 2015	2348-4845

20. Areas of Consultancy and Income Generated: Nil

21. Faculty as Members in: a) National Committees:

S.No	Faculty Name	Professional Body	Membership Type
1	Dr.P.V.Naganjaneyulu	Professor & Principal	MIETE,MIE,MCSI
2	Mr. Ch. Srinivasa Kumar	Professor & HOD	MISTE
3	Mr. K. Syam Babu	Assoc. Prof	MISTE
4	Mr.A.Ravi	Assoc. Prof.	MISTE,MIETE
5	Mr.A.Srinivasa Rao	Assoc. Prof.	MIETE
6	Mrs. G.Sree Lakshmi	Assoc. Prof.	MIETE
7	Mr.V.L Satyanarayana	Assoc. Prof.	MIETE
8	Mr.S.Koteswara Rao	Assoc.Prof.	MISTE, MIETE
9	Mr.N.Siva Govind	Asst.Prof.	MIETE

b) International Committees :

Sl.No	Faculty Name	Professional Body	Membership Type
1	M.Shafi Shahsavar	IEEE	1 year

c) Editorial Board: Yes

S. No	Name of the Faculty	Journal Name
1	Dr.P.V.Naganjaneyulu	International Journal & Magazine of Engineering, Technology, Management and Research
2	A. Ravi	International Journal & Magazine of Engineering, Technology, Management and Research.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **100%**

S.No	Academic-Year	No. of In-house Projects
1	2014-2015	20
2	2013-2014	20
3	2012-2013	27
4	2011-2012	10

b) 05 students have done the project in BEL, Bangalore and the title of Project is **"IMAGING INFRARED SEEKER".**

23. Awards and Recognitions received by faculty and students:

Academic year: 2014-2015

S.No	Name of the Student	Academic year	Topic	Name of award	Awarded by
1	Ch Pushpa	2014-15	Tech Detective	1st prize	PVP Siddhartha Institute Of Technology

2	P Rajesh	2014-15	Spot Modeling	1st prize	Dhanekula institute of Engg. and Technology
3	V Pallava Kumar	2014-15	Spot Modeling	1st prize	Dhanekula institute of Engg. and Technology
4	V Pallava Kumar	2014-15	Best innovative ideas	2nd prize	Dhanekula institute of Engg. and Technology
5	Ch Divya Krishna	2014-15	Technical Exhibition	2nd prize	Dhanekula institute of Engg. and Technology

Academic year: 2013-2014

S.No	Name of the Student	Academic year	Topic	Name of award	Awarded by
1	P Venkanna	2013-14	Mimicry	1st prize	Dhanekula institute of Engg. and Technology
2	A Venkata Manoj Kumar	2013-14	Indo-Us ROBO League	Certificate of Honour	EESA IIT Bombay
3	G Divya Sagari	2013-14	Poster presantation	1st prize	MVR Engg. College & Technology
4	P Venkanna	2013-14	Mimicry	2nd prize	VVIT,Guntur
5	P Venkanna	2013-14	Mimicry	2nd prize	Mandava Institute Of Technology
6	P Venkanna	2013-14	Mimicry	1st prize	KITS, Guntur
7	P Venkanna	2013-14	Mimicry	1st prize	Gudlavalleru Engg. college
8	P Venkanna	2013-14	Mimicry	1st prize	Vikas Engg. College
9	P Venkanna	2013-14	Mimicry	1st prize	Chalapathi Institute Of Technology
10	P Venkanna	2013-14	Mimicry	1st prize	Amrutha Sai Institute Of Engg. and Technology

11	S Srikanth	2013-14	Kabaddi	1st prize	Chalapathi Institute Of Technology
12	S Srikanth	2013-14	Kabaddi	1st prize	Amrutha Sai Institute Of Engg. and Technology
13	K.Harika	2013-14	Movie Quiz	2nd prize	Amrutha sai institute of Engg and Technology
14	M.Anusha	2013-14	Movie Quiz	2nd prize	Amrutha Sai Institute Of Engg. and Technology
15	A Venkata Manoj Kumar	2013-14	Indo-Us ROBO League	Certificate of Honour	EESA IIT Bombay

Academic year: 2012-2013

S.No	Name of the Student	Academic year	Topic	Name of award	Awarded by
1	S.Bindhu mounika	2012-13	Dorge Ball	1st prize	MVR College of Engg. & Tech.
2	S.Srikanth	2012-13	Kabaddi	1 st prize	MIC College of Technology
3	CH.Lasya	2012-13	Tennicoit	2nd prize	MVR College of Engg. & Tech.
4	Jaya Madhuri	2012-13	Dorge Ball	1st prize	MVR College of Engg. & Tech.
5	Yesaswini	2012-13	Throw Ball	1st prize	MVR College of Engg. & Tech.
6	P.Venkanna	2012-13	Mimicry	2nd prize	SRK Institute Of Technology
7	D.Spoorthi	2012-13	Throw Ball	2nd prize	MVR College of Engg. & Tech.
8	Jaya Madhuri	2012-13	Technical paper	1st prize	MVR College of Engg. & Tech.

9	D.Mani mounikha	2012-13	Technical paper	1st prize	MVR College of Engg. & Tech.
10	D.Mani mounikha	2012-13	Throw Ball	2nd prize	MVR College of Engg. & Tech.
15	P.Venkanna	2012-13	Mimicry	1st prize	Lingaya's institute of Management & Technology
16	P.Venkanna	2012-13	Mimicry	1st prize	MIC College of Technology
17	P.Venkanna	2012-13	Mimicry	1st prize	Chalapathi Institute of Technology
18	G.Divya Sagari	2012-13	Indo-Us ROBO League	Certificate of Excellence	EESA IIT Bombay

24. List of eminent academicians and scientists/ visitors to the department**:**

S.No	Date	Topic	Resource Person
1	15/12/2015	Awareness programme on Engineering services	Dr. A.Narendra Babu , LBRCE,Mylavaram
2	25/08/2015	Generation of Technology	Dr. Shaik Rafi Ahamed, IITG,Guwhati
3	7/11/2014	Recent Trends in Satellite Communications	Dr. M.N. Giri Prasad , JNTUA, Anatapuram
4	23/8/2014	Relevant changes in optical fiber communications	Mr.V.krishna Rao,Sub Divisional Engineer, BSNL , Nandigama
5	20/08/2014	Introduction to VLSI Technology	Dr.K.Babulu, JNTUK, Kakinada
6	10/12/2013	Signals & Systems Processing	CH.Srinivasa Rao , JNTUVZ, Vizayanagaram
7	9/05/2013	BSNL to Hold	Mr.G.Babuji,General Manager, BSNL , Krishna D,T.
8	19/02/2013	Introduction to an Embedded Systems	Dr.N.Balaji , JNTUVZ, Vizayanagaram
9	12/9/2012	Recent trends in wireless Communications	Dr.K.Satya Prasad , JNTUK, Kakinada

25. Seminars/ Conferences/Workshops organized & the source of funding
    a)National **:**

List of workshops and Seminars conducted during the Year 2015-2016

S.No	Date	Seminar-Conference-Workshop	Source of Funding	Resource person
1	14/9/2015 to 16/9/2015	Three days Work shop on VLSI Design And Hands On Experience With Programming XILINX	MVRCOE	P. Bharadwaj, SAK Informatics, Hyderabad
2	5/10/2015 & 6/10/2015	Two Day Seminar on Devolvement in Telecommunication	MVRCOE	L.Laxman, Research Scientist ,C-DOT , Bangalore

List of workshops conducted during the Year 2014-2015

S.No	Date	Seminar-Conference-Workshop	Source of Funding	Resource person
1	23/1/2015 & 24/1/2015	Two Day workshop on PCB design	MVRCOE	B.Kranthi Kumar, Que Technologies ,Vijayawada
2	12/2/2015 & 13/2/2015	Two Day Work Shop on Imaging & Multimedia	MVRCOE	Mahesh.Paladugu, Director , Element School of Visual Arts
3	16/2/2015 & 17/2/2015	Two day workshop on Technologies in ARM Processor	MVRCOE	Mayank Ranjan, Cranes Software International Pvt. Ltd Bangalore.

List of workshops conducted during the Year 2013-2014

S.No	Date	Seminar-Conference-Workshop	Source of Funding	Resource person
1	9/9/2013 & 10/9/2013	Two Day workshop on Wireless Communications	MVRCOE	Vikas Reddy, Indo Global Services.
2	12/9/2013 & 13/9/2013	Two Day Workshop on Embedded Game Development.	MVRCOE	Sandeep Lavantra, Robotics Expert at Technophilia systems Pvt. Ltd.
3	4/2/2014 & 5/2/1014	Two Day Workshop on Signal Processing	AICTE	P.Mahesh, Querty Technologies ,Hyderabad

List of workshops conducted during the Year 2012-2013

S.No	Date	Seminar-Conference-Workshop	Source of Funding	Resource person
1	13/09/2012 & 14/09/2012	Two Day Workshop on PCB design of Electronic Circuits	MVRCOE	M.Mahesh, Indo Global Services
2	22/12/2012 &24/12/2012	Two Day Work shop on Robotics	MVRCOE	M.Deepak Daroch, Kapil Mishra of KYRION
3	9/05/2013	One day Workshop on Lab view	MVRCOE	G.Karthik,Indo Global Services
4	13/05/2013	Summer Research Internship Program	MVRCOE	K.Satya Prasad, Professor, JNTUK

b)International **:Nil**

26. Students profile programme/course wise:

Year	Name of the Course / Programme	Applications received	Enrolled			Pass Percentage
			Selected	Male	Female	
2008-2012	B. Tech	60	48	38	10	79
2009-13	B. Tech	120	109	84	25	55
2010-14	B. Tech	120	101	78	23	41.5
2011-2015	B. Tech	120	88	66	22	29.5
2013-2015	M. Tech (CE&SP)	24	24	10	14	50

* Admission are through EMCET/E-CET/PG-ECET Counseling AP state Govt

27. Diversity of Students

Name of the Course	% of students from the same state	% of students other States	% of students other Abroad
B. Tech	100%	0	0
M. Tech	100%	0	0

28. How many students have cleared national and state competitive examinations such * as NET, SLET, GATE, PGECET, Civil services, Defense services, etc.

S.No	Academic Year	Name of the competitive exam	No. of students cleared
1	2011-2012	GATE/PGECET	3
		GRE, TOFEL, IELET	2
2	2012-2013	GATE/PGECET	2
		GRE, TOFEL, IELET	4

3	2013-2014	GATE/PGECET	7
		GRE, TOFEL, IELET	4
4	2014-2015	GATE/PGECET	12
		GRE, TOFEL, IELET	5

29. Student progression:

Student progression	2014-15	2013-14	2012-13	2011-12
UG to PG	18	13	11	10
PG to M.Phil. -	-------	------	-----	-----
PG to Ph.D. -	-----	-----	----	------
Ph.D. to Post-Doctoral	-----	------	-----	------
Employed 1.Campus selection	28	23	18	10
2.Other than campus recruitment	----	5	3	2
Entrepreneurship/Self-employment	-----	---	------	------

30. Details of Infrastructural facilities

    i . Library – **Yes.**
            No of Volumes - 120
    ii. Internet facilities for Staff & Students- **Yes**
                            Broad Band 10Mbps with Wi-Fi
    iii. Class rooms with ICT facility –**Yes**
                        ICT facility class rooms - 02
    iv. Laboratories: **YES**

The ECE department is maintained with well established lab for all subjects and it is planned to extend in view of research and development

S.No	Curriculum Laboratory Description	Exclusive/shared	Space, number of students	Quality of laboratory instruments
1	Electronic Devices and Circuits Lab	Exclusive	67 Sq. M 30 Students/slot	Good
	Electronic Circuit Analysis Lab	Sharing	67 Sq. M 30 Students/slot	
	Pulse & Digital Circuits Lab	Sharing	67 Sq. M 30 Students/slot	
2	Analog Communication Lab	Exclusive	67 Sq. M 30 Students/slot	Excellent
	Digital communication Lab	Sharing	67 Sq. M 30 Students/slot	
	Digital Logic Design Lab	Sharing	67 Sq. M 30 Students/slot	
3	Microwave & Optical Communication Lab	Exclusive	67 Sq. M 30 Students/slot	Good
	Microprocessors & Microcontrollers Lab	Sharing	67 Sq. M 30 Students/slot	
4	LIC Applications Lab	Exclusive	67 Sq. M 30 Students/slot	Good
	Digital system design & DICA Lab	Sharing	67 Sq. M 30 Students/slot	

5	Advanced digital signal processing Lab (ADSP/DSP) (Software)	Exclusive	67 Sq. M 30 Students/slot	Good
	Microprocessors & Microcontrollers Lab (Software)	Sharing	67 Sq. M 30 Students/slot	Good
	Analog Communication Lab (Software)	Sharing	67 Sq. M 30 Students/slot	
6	Electronic Circuit Analysis Lab (Software)	Exclusive	67 Sq. M 30 Students/slot	Good
	Digital system design & DICA Lab / E-CAD(Software)	Sharing	67 Sq. M 30 Students/slot	

*Indicates Excess No. Experiments in each Lab

31. Number of students receiving financial assistance from college, university, government or other agencies:

Agency	No of students received financial assistance			
	2012-13	**2013-14**	**2014-2015**	**2015-2016**
College	----	----	----	----
University	----	----	----	----
Government (Govt.Under Fees reimbursement)	75	50	38	78
Other agencies	----	----	----	----

Mandatory Disclosure

32. Details of student enrichment programmes (special lectures / workshops / seminar) with external experts:

Academic Year	Date	Name of the Topic	Organized by	Objective
2015-2016	12/8/2015	VLSI DESIGN AND HANDS ON EXPERIENCE WITH PROGRAMING XILINX	ECE Department	Students are made to know about VHDL programs using XILINX
	14/9/2015 to 16/09/2015	IETE STUDENT FORUM	ECE Department	The main objective is update about recent technologies
2014-2015	9/6/2014	EFFETRONICS visited as a part of industrial visit for IV/IV B.Tech Students.	ECE Department	To increase the technical skills on embedded systems
	23/8/2014	Guest Lecturer on optical fiber communications	ECE Department	Optical Fiber Communications With Revolutionary Changes
	24/9/2014	RACE EVENT as a part of club Activity organized	ECE Department	Motivate the students towards the technical and cultural events
	29/9/2014	PROJECT EXPO for IV/IV B.Tech Student	ECE Department	To explore the students innovative ideas
	20/11/2014 to 30/11/2014	NORTH INDUSTRIAL TOUR for III/IV B.Tech	ECE Department	To improve the practical applications
	08/12/2014 to 20/12/2014	Conducted Campus recruitment training program for IV ECE students	ECE Department	Improve the skills to attend the interviews with more effective
	23/1/2015 to 24/1/2015	A workshop on PCB design for II ECE	ECE Department	To know about how to design PCB layout by using software
	26/3/2015 to 27/3/2015	TECHNOSTAV 2K15 organized by ECE	ECE Department	To improve leadership qualities
	10/3/2015	IETE STUDENT FORUM is opened	ECE Department	To improve the technical skills
2013-2014	18/7/2014	DOORDHARSHAN visit on for IV/IV B.Tech Students	ECE Department	To analyze the real time application towards broadcasting applications

	4/7/2014	RADIO STATION visited as a part of Industrial visit for III/IV	ECE Department	To analyze the real time application towards broadcasting applications
	09/12/2013 to 21/12/2013	Conducted Campus recruitment training program for IV ECE students	ECE Department	Improve the skills to attend the interviews with more effective
	17/12/2013 to 23/12/2013	SOUTH INDUSTRIAL TOUR for IV/IV B.Tech Students	ECE Department	To improve the practical applications
2012-2013	9/05/2013	Seminar on BSNL to hold	ECE Department	To Know About Latest technologies in Tele communications
	3/07/2012 to 4/07/012	Engineering Expo	ECE Department	Engineering Expo Including Problems in technologies and its solutions
	12/9/2012 to 14/09/2012	Three day national level Workshop on Mat lab Software	EEE Department	Increase the skills by using mat lab
	15/09/2012	Medhavi-2k-12 "An exclusive technical paper presentation"	ECE Department	To know the advanced technical skills

33. Teaching methods adopted to improve student learning:

- ➢ Tutorial sessions
- ➢ Remedial Classes
- ➢ Group discussions
- ➢ Project Based Training Programs.
- ➢ NPTEL Video Lectures
- ➢ Application oriented Teaching
- ➢ Assignments
- ➢ Seminars on latest developments in Technology by students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

<div align="center"><u>**NATIONAL SERVICE SCHEME**</u></div>

NSS: The Department has an NSS Unit with a total strength of 50 members, affiliated to JNTUK bearing Unit. The Unit was established with an objective to cultivate the attitude of social service in the minds of students and to make them responsible citizens.

Infrastructure details of NSS Unit: NSS Unit of the college is located in a separate room with the following infrastructure.

S No.	NAME	QTY
1.	Student Benches	10
2.	Filing Rack	2
3.	Fan	4
4.	Spades	3
5.	Notice Board	1

NSS Activities To encourage students in serving the nation and society, the nearby villages are adopted and seven day special camps are conducted. Students in large number actively participate under the guidance of program officer. Awareness regarding cleanliness, importance of education, health care and self help is given. The camps are organized by students every year. Social issues and plantation of saplings are given importance during the camps. Blood donation camp is organized by NSS frequently. The students organize different campaigns in the villages surrounding the college. Community developmental activities like AIDS awareness programs, waste management programs contribute to community and national development and also create awareness about ecology and environment.

The **RACE Club** of the department, which is a group of students from all classes and supervised by a senior faculty member, chalks out programs to create awareness among students about the importance of cleanliness, conservation and

environment protection. The club has taken up Save Water Campaig in the college to create awareness among students about conservation. Through the Clean Environment Program the club took up the responsibility of keeping the college a litter free and plastic free campus with the participation of the students. The club has also taken up the responsibility of maintaining and protecting the green cover around the college premises

NSS Unit of the college organizes a seminar on —Anti ragging every year.

Medical camps are organized on regular basis. Under NSS, eye check up and promoting blood donations are done

College NSS Unit Received Best NSS Unit Award Under JNTUK in the year of 2011-2012

National service scheme events

S.No.	Date	Activity/Event	Conducted By	Venue
2015-16				
1	15/10/2015	Blood donation Camp	MVR	MVR
2	15/10/2015	Eye checkup	MVR	MVR
2014-15				
3	26/09/2014	Cyclone Relief Fund for Hud-Hud		
4	16/08/2014	CAPP	MVR	Vijayawada
5	17/06/2014	Condolence for VNR VJ Students ,HYD Who lost their lives during their industrial Training at Himachal Pradesh	MVR	Vijayawada
2013-14				
6	26/03/2014	Blood donation Camp	MVR	MVR

2012-13				
7	27/08/2012	Blood donation Camp	MVR	MVR
8	11/07/2012	Student issues in R.T.C. Bus	MVR	VJA-KCL

35. SWOC analysis of the department and Future plans:

STRENGTHS:

- The Department has Experienced and well Qualified Faculty
- More than 60% Faculty ratified by JNTUK
- Good infrastructure as per academic standards
- Good Library facilities as for standards
- Teaching methodologies as per GATE and IES Syllabus.
- Student centric facilities: JKC, Placement cell.
- Student chapters IETE, e-Class Rooms, Internet facility, English language Lab and
  the Department has well equipped laboratories with modern equipments.
- The Department organizes various activities like Project Competition, Guest Lectures and seminars for updating Technical Knowledge every year.

WEAKNESS:

- Inadequate Research
- Less number of publications in international journals
- Less Number of International Conferences and Symposium

OPPORTUNITIES:

- Placement classes for Students
- Scope for further extension of Infrastructural facilities
- Improvement of Student employability

- Students can attend internships and workshops thereby can Enhance their skills
- Catering to the Rural youth thus touching the bottom of the pyramid in Nation building
- More jobs particularly in Electronics And communication Industries
- Faculty Development programs

CHALLENGES:

- Aiming to establish Best Research Department
- Exponential growth of new Engineering Colleges
- Aiming for university ranks and distinctions
- Improving the literacy rate in rural areas
- Increasing role of the institute in collaborative R & D projects
- Tough to meet industry demand and market challenge
- Gradual deterioration in the standards of incoming students
- Entry of foreign universities
- To Get NBA and NAAC Accreditation.

FUTURE PLANS:

- To conduct national conference every year
- To Enhance more specializations in M.Tech.
- Applying for external funded research projects with collaboration of government and private organizations, establishing MOUs with National /International, academic/research organizations
- To conduct faculty development programs with the help of UGC/AICTE
- Planning to Collaborate with reputed Industries to improve the technical skills of students and staff.
- To activate Research & Development cell.

Mandatory Disclosure

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EVALUATION REPORT
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

</div>

1. **Name of the department**: Computer Science & Engineering
2. **Year of Establishment**: 2008
3. **Names of Programmes / Courses offered**

   (UG- Bachelor of Technology, PG- Master of Technology)

S.No.	Course	Specialization	Year Established
1	B.Tech.	C.S.E.	2008
2	M.Tech.	C.S.E.	2012

4. **Names of Interdisciplinary courses and the departments/units involved**

Sl. No	Year& Semester	Subject	Department involved
1	I Year-I semester	English-I	Science & Humanities
2	I Year-I semester	Mathematics-I	Science & Humanities
3	I Year-I semester	Engineering Chemistry	Science & Humanities
4	I Year-I semester	Engineering Mechanics	Mechanical
5	I Year-I semester	Environment Studies	Science & Humanities
6	I Year-I semester	Engineering Chemistry Lab	Science & Humanities
7	I Year-I semester	English Communication Skills Lab-I	Science & Humanities
8	I Year-II semester	English-II	Science & Humanities
9	I Year-II semester	Mathematics-II	Science & Humanities
10	I Year-II semester	Mathematics-III	Science & Humanities
11	I Year-II semester	Engineering Physics	Science & Humanities

12	I Year-II semester	Professional Ethics & Human Values	MBA
13	I Year-II semester	Engineering Drawing	Mechanical
14	I Year-II semester	English Communication Skills Lab-II	Science & Humanities
15	I Year-II semester	Engineering Physics Lab	Science & Humanities
16	I Year-II semester	Engineering Physics - Visual Labs-Assignments	Science & Humanities
17	I Year-II semester	Engineering Workshop	Mechanical
18	II Year-I semester	Managerial Economics and Financial Analysis	MBA
19	II Year-I semester	Mathematical Foundations of Computer Science	Science & Humanities
20	II Year-I semester	Digital Logic Design	ECE
21	II Year-I semester	Data Logic Design Lab	ECE
22	II Year-II semester	Probability nad Statistics	Science & Humanities
23	III Year-I semester	IPR and Patents-1	MBA
24	III Year-II semester	Management Scince	MBA
25	III Year-II semester	IPR and Patents-2	MBA

5. **Annual/ semester/choice based credit system (programme wise)**

   For UG:

Year	System
I,II, III, IV	Semester

   For PG:

Year	System
I	Semester
II	Year

6. Participation of the department in the courses offered by other departments:

Department	Year - Semester	Subject
ECE	II Year-I Semester	Data Structures
Science & Humanities	I Year-I&II Semester	C-Programming
ECE	III Year-II Semester	Computer Networks
EEE	IV Year-I Semester	Computer Organization

7. **Courses in collaboration with other universities, industries, foreign institutions, etc.** NA

8. Details of courses/programmes discontinued (if any) with reasons:
None

9. Number of teaching posts:

Posts	Sanctioned	Filled
Professors	3	4
Associate Professors	2	2
Asst. Professors	13	11

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S.No	Name	Qualfica-tion	Destina-tion	Speciali-zation	No. of Years of Experi ence	No. of Ph.D. Students guided for the last 4 Years
1	Dr.K. Venkatesh Sharma	Ph. D	Professor	Software Engineering	14	1
2	Dr. G. Kishore	Ph.D	Professor	Image Processing	15	-

3	Dr. P. Vijay Kumar	Ph.D	Professor	CSE	15	-
4	Dr. E. Vamsidhar	M.Tech	Professor	C.S.E.	13	M.Tech
5	D. Srinivas	M.Tech, (Ph.D)	Assoc.Prof.	Wireless LANS	10	-
6	PBVN Prasad	M.Tech	Assoc.Prof.	C.S.E.	8	-
7	V. Jhansi Lakshmi	M.Tech	Asst.Prof.	C.S.E.	9	-
8	T. Sukanya	M.Tech	Asst.Prof.	C.S.E.	3	-
9	M. Chandra Sekhar	M.Tech	Asst.Prof.	C.S.E.	3	-
10	Y. Siva Ramaiah	M.Tech	Asst.Prof.	C.S.E.	-	-
11	M. Lavanya	M.Tech	Asst.Prof.	C.S.E.	-	-
12	Y. Kiran	M.Tech	Asst.Prof.	C.S.E.	6	-
13	P Gayathri	M.Tech	Asst.Prof.	C.S.E.	-	-
14	G. Jameson	M.Tech	Asst.Prof.	C.S.E.	2	-
15	A. Kalyan Kumar	M.Tech	Asst.Prof.	C.S.E.	9	-
16	Ch. Hemanad	M.Tech	Asst.Prof.	C.S.E.	3	-
17	N. Madhu Bindu	M.Tech	Asst.Prof.	C.S.E.	3	-

11. List of senior visiting faculty:

S. No	Name	Designation	Parent institution
1	Dr. Nagaraju Baydeti	Professor	NIT, Nagaland
2	Mr. Rizwan	Senior Project Manager,	Oracle Corporation.
3	Dr. B.V. Subba Rao	Professor	PVP Siddhartha Institute of Technology, Kanuru.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise):

1:15 B.Tech & M.Tech

14. Number of academic support staff (technical) and administrative staff:

	Sanctioned	Filled
Academic support Staff	5	5
Administrative staff	1	1

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/MPhil / PG.

S.No	Qualification	Faculty Numbers
1	Ph.D	4
2	PG	13

16. Number of faculty with on-going projects from

a) National   b) International funding agencies and grants received:

None

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received ☐ None

18. Research Centre /facility recognized by the University: None.

19. Publications:

Faculty Details:

Faculty Name	Title of Paper	Journal Name	Year of Publishing
PBVN Prasad	Ensuring Data Integrity for Decentralized Disurption Tolerant Networks	International Journal of Computer and Electronic Research.	2015
N. Madhu Bindu	Countering Missusability user using Record Distribution Factor	Internation Journal for Development of Computer Science and Technology	2014
M. Chandra Sekhar	Updated Grid Location Service for High Performance	Internation Journal for Development of	2014

	in Manets	Computer Science and Technology	
M. Lavanya	A Novel Key Management paradiagm for broad to remote cooperative groups.	IJMERT	2014
G. Jameson	Implementing Privacy Preserving Delegates accesss in Public Clouds	International Journal on Advanced Research and Computer Science Software Egnineering	2014
Y. Siva Ramaiah	Online Intrusion Alert Aggregation with Generative Data Stream Modeling	Valley International	2014
P. Gayatri	Analysing Abnormal User Behaviour using Time Sensitive Querries	International Journal of Computer Science and Enineering	2013
Y. Siva Ramaiah	Speaker Identification using Elliptical Based Neural Networks	Indian Journals	2013
T. Sukanya	Content Based Message Filtering for OSNs using Machine Learning Classifier	IJMERT	2012
G. Jameson	Users Recommended Tag Prediction & Visualisation fro Dynamic Delicious Tag Data	International Journal on Computer Science and Information Technology	2012
A. Kalyan Kumar	Detecting Spam Email(TME) Attack Tool	International Journal of Research Sciences and Advanced Engineering Vol2(3) ISSN 2319-6106	2012
A. Kalyan Kumar	MANET & It's Perspective view to Replication	International Journal of Research Sciences and Advanced Engineering	2012

		Vol2(1) ISSN 2319-6106	
A. Kalyan Kumar	Society Media & Open Authorization Protocol	International Journal of Research Sciences and Advanced Engineering Vol1(4) ISSN 2250-3129	2012
V. Jhansi Lakshmi	Adoption of Optimal Methods in Resource Utilization, Job Scheduling in Grids	International Journal on Computer Science and Engineering	2011
V. Jhansi Lakshmi	Prediction of Group and Individual Behaviours on Social Websites	International Journal of Science and Research	2010

22. Areas of consultancy and income generated:

Web Designing -Rs. 60,000.00

Stand alone applications- Rs 40,000.00

Mobile Applications- Rs 30,000.00

23. Faculty as members in a) National committees, b) International Committees, c) Editorial Boards....

S. No.	Year	ACM	UACEE	CSI	IAENG
1	2014-15	1	11	2	1
2	2013-14	1	-	-	1
3	2012-13	1	-	-	1
4	2011-12	1	-	-	1
5	2010-11	1	-	-	1

Student projects

b) Percentage of students who have done in-house projects including inter departmental/programme

S. No.	Year	No. of batches	% of projects done in House	(%) of projects done in Outside
1	2014-15	11	84	16
2	2013-14	15	90	10
3	2012-13	11	92	8
4	2011-12	12	86	14

c) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:

S. No.	Year	No. of batches	(%) of projects done in Outside
1	2014-15	11	16
2	2013-14	15	10
3	2012-13	11	8
4	2011-12	12	14

23. Awards / Recognitions received by faculty and students

S.No.	Name of the Faculty / Student	Award / Recognition	Year
1	K. Sridhar	Best Teacher Award by Indo Global Summit	2013
2	Mrs. Ratna Sri	Best Student Award by Indo Global Summit	2013
3	PBVN Prasad	Alan Turing Centenary Function. Palace Hotel, San Fransisco, California.	2012
4	K. Sridhar	NSS Program officer of MVR College was elected as NSS Advisory Committee Member.	2012

24. List of eminent academicians and scientists / visitors to the department:

S.No.	Academician/Scientist	Profile	Year
1	Mr. Mahesh Paladugu	Director, Element School of Visual Arts	2015
2	Mr. Ghanta Subba Rao	Chairman AP State Skill Development Corporation	2014
3	Mr. G.Rama Krishna	Technical Officer Software Technology Parks of India RS. No. 7, Govt. Polytechnic College Campus Opp. Stella College, Vijaywada	2012
4	Dr. R. Rajeswara Rao.	Associate Professor of CSE. VIZIANAGARAM-533003	2012
5	Rahul Chabra	Senior Scientist Kyrion, New Delhi	2012

25. Seminars/ Conferences/Workshops organized & the source of funding

National

Academic Year	Name of the workshop organized	Resource Persons	Date (s)
2015	A One Day Workshop on Technical Insight on Career Development	Mr. B. Nagaraju, NIT, Nagaland	29/09/2015
2015	A Three Day Workshop on Android Technology	Mr. D. Srinivas, HOD & Assoc Prof of CSE Dept, MVRCET	17/04/2015- 19/04/2015

2015	A Two Day Workshop on Imaging & Multimedia	Mr. P. Mahesh, Director, Elements	12/02/2015-13/02/2015
2014	A Two Day Workshop on Oracle Application Development Framework(ADF)	Mr. Rizwan,Senior Project Manager, Oracle Corporation.	19/09/2014-20/09/2014
2013	A One Day Workshop on Emerging Trends & Industry Practices in Computer Science	Mr. Anudeep Buddha, Consultant Specialist at Virtusa	8/9/2013
2013	A Two Day Workshop on Game Development on Unity 3D	Mr. P. Hari Prasad, Senior Game Developper, Knowlegde Adventure, Hyderabad	31/05/2013-1/6/2013
2012	A one Day Workshop on iPhone Apps	by Team of Yuva Technology, Hyderabad,	12/12/2012
2012	A Two Day Workshop on Ethical Hacking Workshop	by Mr. Puneet Sharma & Mr. Rahul Chabra, Kyrion Securities, IIT Delhi	10/09/2012

International

Academic Year	Name of the workshop organized	Resource Persons	Date (s)
2013	A ONE DAY INTERNATIONAL CERTIFICATION PROGRAMME ON CLOUD COMPUTING	Mr. Axel Angeli, CEO of Logos! Informatik GmbH, Germany	20/03/2013

Mandatory Disclosure

26. Student profile program/course wise:

Name of course / Program	Academic Year	Applications Received	Selected	Enrolled Male	Enrolled Female	No of Passed	Pass%
B.Tech	2008-2012	60	47	33	14	37	78%
	2009-2013	60	46	35	11	20	43.4%
	2010-2014	60	57	26	31	35	61.4%
	2011-2015	60	41	20	21	24	58.5%
M.Tech (CSE)	2014-2015	24	24	18	6	24	100%

27. Diversity of Students

Year	Name of the Course	% of students from the same state	Students from other states	Students from abroad
2013-14	B.Tech. (C.S.E.)	100	NIL	NIL
2012-13	B.Tech. (C.S.E.)	100	NIL	NIL
2011-12	B.Tech. (C.S.E.)	100	NIL	NIL
2010-11	B.Tech. (C.S.E.)	100	NIL	NIL
2009-10	B.Tech. (C.S.E.)	100	NIL	NIL
2008-09	B.Tech. (C.S.E.)	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.	Year	No. Appeared	No. Qualified	Qualified Examinations
1	2013-14	18	4	PGECET,GATE
2	2012-13	16	3	PGECET,GATE
3	2011-12	14	5	PGECET, GATE
4	2010-11	12	4	PGECET,GATE

29. Student progression

Student progression	Against number enrolled			
	2011-15	**2010-14**	**2009-13**	**2008-12**
UG to PG	8	9	8	7
PG to M.Phil.	--	--	--	--
PG to Ph.D.	--	--	--	--
Ph.D. to Post-Doctoral	--	--	--	--
Employed				
• Campus selection	24	07	10	34
• Other than campus recruitment	-	-	-	-
Entrepreneurship/Self-employment	-	-	-	03

31. Details of Infrastructural facilities

a) Library

No. of Volumes	No. of National Journals/ Magazines Subscription	No. of Intrnational Journals/ Magazines Subscription
64	5	12

d) Internet facilities for Staff & Students: 10 Mbps-Leased Line from NetLinx india limited for Entire Campus

e) Class rooms with ICT facility: 01

f) Regular Class Rooms: 5

Mandatory Disclosure

g) Laboratories

Lab	Name of The Subject
201-Lab1	Computer Programming Lab
	IT Workshop
	UML & Design Patterns Lab
	Mobile Application Development Lab
	Advanced java and Web Technologies Lab
202-Lab2	Object Oriented programming Lab
	Data structures Lab
	Advanced Data Structures Lab
	JAVA Programming Lab
	Free Open source Software(FOSS)Lab
	Compiler Design Lab
	Operating Systems Lab
	Database management Systems Lab
	Linux Programming Lab
	Computer Network and Unix Lab
PG Lab	Data Structures Lab
	Systems Lab
	Computer Networks Lab
	Application Development Lab
	Web Technologies Lab
	Data warehousing & Mining Lab

32. Number of students receiving financial assistance from college, university, government or other agencies

Sl. No.	Year	No. Admitted	No. of students got Financial Assistance
1	2015-16	52	45
2	2014-15	48	42
3	2013-14	44	34
4	2012-13	41	31

33. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Academic Year	Name of the workshop organized	Resource Persons	Date (s)
2014	Strudent Interactive Program	Mr. Ganta Subba Rao, CEO, AP State Skill Devlopment Corporation	14/11/2014
2013	A Two Day National Level Technical Symposium Technotsav 2k13	Mr. T. Hanuman Chowdary, TCS Fellow & AP State Govt IT Advisory Member	04/03/2013-05/03/2013
2013	A Two Day Entreprenuer Ship Development Program	Mr. M. Rajaih, EDC, Center for Entreprenuer Development, Hyd, Mr. Anil Kumar, Representative, CED, HYD	08/07/2013-10/07/2013
2012	One Day Awareness Program on NPTEL	By IIT Madras	10/10/2012

34. Teaching methods adopted to improve student learning:

Chalk & Board, Group Discussions, Presentations, Videos and Seminars

35. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Year	Service Done	Venue	Dates
2014-15	Blood Donation Camp by Lions Club of Vijayawada	MVR College Campus	22/11/2014
2013-14	Started Vote Pledge – A Portal for Vote Importance	Website	12/08/2013
2012-13	Free Health Camp	Paritala	06/10/2012
2011-12	NSS –Blood Donation Camp	MVR Campus	11/02/2011

36. SWOC analysis of the department and Future plans

Strengths
☐ Experienced and Knowledgeable Faculty members.
☐ Good Teaching Environment well equipped Laboratory, Library and Internet Facilities.
☐ Learning through Doing kind of practice makes students good at their performances.
☐ Highly accessible faculty passionately involving in students' affairs
☐ High interaction with Industry People

Weaknesses

- ☐ R& D and consultancy work has yet to pick up
- ☐ Inability to secure research grants from funding agencies

Opportunities

- ☐ Very good opportunities in Information Technology industry
- ☐ Huge job opportunities in future with adaptation of Information Technology by State and Central governments
- ☐ Opportunities due to adaptation of ICT in education

Challenges

- ☐ Preparing the students to meet current corporate requirements technically.
- ☐ Inspiring the students and the faculty to take up research.
- ☐ Poor Communication Skills in Students.

Future Plans

- ☐ Collaborating with premier Indian and foreign universities
- ☐ Securing more internship opportunities for the students
- ☐ Securing financial resources from various funding agencies
- ☐ Training the students to become entrepreneurs

Mandatory Disclosure

1. **Name of the department**: Department of Management Studies

2. **Year of Establishment**: 2009

3. **Names of Programmes / Courses offered:**

S.No.	Course	Specialization	Year Established
1	MBA	Finance	
2	MBA	Marketing	**2009**
3	MBA	Human Resource Management	

4. Names of Interdisciplinary courses and the departments/units involved

Subject	Department involved
Information Technology for Managers (Theory& Laboratory)	CSE
Quantitative Analysis for Business Decisions	S&H (Mathematics)

5. Annual/ semester/choice based credit system (programme wise)

Year	System
I, II	Semester

6. **Participation of the department in the courses offered by other departments:**

Department	Year-Semester	Subject
Civil	II-II	Managerial Economics and Financial Analysis
	III-I	Intellectual Property Rights
CSE	II-I	Managerial Economics and Financial Analysis
	III-II	Management Science
	III-II	Intellectual Property Rights
ECE	II-I	Managerial Economics and Financial Analysis
	III-I	Intellectual Property Rights
	III-II	Management Science
EEE	III-I	Managerial Economics and Financial Analysis
	III-I	Intellectual Property Rights
	III-II	Management Science
MECH	II-I	Managerial Economics and Financial Analysis
	III-I	Intellectual Property Rights
S&H	I-I ECE, EEE	Professional Ethics and Human Values
	I-II Civil, CSE, MECH	Professional Ethics and Human Values

7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

   ☐ MOU with Andhra Pradesh Productivity Council (APPC)- Vijayawada
   ☐ MOU With Acharya Nagarjuna University

8. **Details of courses/programmes discontinued (if any) with reasons**: None

9. **Number of teaching posts**

Posts	Sanctioned	Filled
Professors	4	5
Associate Professors	2	1
Asst. Professors	19	21

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualifica-tion	Designa-tion	Speciali-zations	No. of Years of Experience	No.of Ph.D. Students Guided for the last 4 Years
Dr.T Chenna Kesavulu	M.Com, M.Phil, Ph.D	Professor	Accounting & HR	38	3
Dr.M Venkateswara Rao	M.Com, MBA, Ph.D	Professor	Finance	20	--
Dr. K. L. Narasimha Rao	Ph.D	Professor	Management Science	35	3
Dr.R.Chandra Sekhar	Ph.D	Professor	Management Science	20	--
N.Siva Surendra	MBA, M.Com, M.Phil, (Ph.D)	Head & Professor	Marketing & HR	12	

K. Naveen Kumar	MBA	Asso.Prof	Marketing & HR	08	
K S Arun Kumar	MBA,M.Com, (Ph.D)	Asst.Prof	Marketing & HR	6	
D.Vasu	MBA	Asst.Prof	Finance & Marketing	05	
T.Jagadish	MBA	Asst.Prof	Finance & Marketing	06	
A.Sirisha	MBA	Asst.Prof	Marketing & HR	03	
S Suresh	MBA, (Ph.D)	Asst.Prof	Marketing & HR	04	
Y.Srinivasa Rao	MBA	Asst.Prof	Finance & Marketing	04	
P.Vamsi Krishna	MBA	Asst.Prof	Finance & Marketing	01	
K.Vijaya Lakshmi	MBA	Asst.Prof	Finance & Marketing	04	
D Anjaneyulu	MBA	Asst.Prof	Marketing & HR	05	
P.Satya Saketh	MBA	Asst.Prof	Marketing & HR	02	
B V Ramanarao	MBA, M.Com	Asst.Prof	Marketing & HR	06	
LKDV Satyanarayana	MBA	Asst.Prof	Finance & Marketing	05	
K Kunal	MBA	Asst.Prof	Finance & Marketing	05	
J Jaydev	MBA	Asst.Prof	Finance & Marketing	05	

M Srinivas	MBA	Asst.Prof	Finance & Marketing	05	
B.Ayyappa	MBA	Asst.Prof	Finance & Marketing	01	
Y Dileep	MBA	Asst.Prof	Finance & Marketing	01	
B Sripathi Rao	MBA	Asst.Prof	Finance & Marketing	04	
M Srikanth	MBA	Asst.Prof	Finance & Marketing	06	
U.Swaran Latha	MBA,	Asst.Prof	HR & Marketing	01	
S. Madhu Kumar	MBA	Asst.Prof	Finance & Marketing	01	

1. **List of senior visiting faculty:**

S.No.	Name	Designation	Parent institution
1	Dr.G.V. Chalam	Professor & Chairman BOS	Acharya Nagarjuna University
2	Dr. K.Madhusudhana Rao	Head of the Department	KLU Business School, KLUniversity

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty**: None.

13. **Student -Teacher Ratio (programme wise):** 15:1

14. **Number of academic support staff (technical) and administrative staff;**

☐ Sanctioned : N.A.

☐ Filled : N.A.

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG

Total No of Faculty	PG	Ph.D/ M.Phil	Pursuing Ph.D/ M.Phil
27	21	5	1

16. Number of faculty with on-going projects from a) National b) International funding agencies and grants received: None

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: None

18. Research Centre /facility recognized by the University: None

19. Publications: None

a) Publication per faculty

☐ **Number of papers published in peer reviewed journals (national / international) by faculty and students**

☐ **Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)**

☐ **Monographs**

☐ **Chapter in Books**

☐ **Books Edited**

☐ **Books with ISBN/ISSN numbers with details of publishers**

Mr. N.Siva Surendra, Head, DMS Authored a Book on **Retail Management** with **ISBN Number – 978-93-82249-40-5,** Published by Takur Publishers, Hyderabad.

□ **Citation Index**

□ **SNIP**

□ **SJR**

□ **Impact factor**

□ **h-index**

20. Areas of consultancy and income generated: None

21. Faculty as members in a) National committees, b) International Committees,

c) Editorial Boards....: :

- Dr.T.Chenakesavulu Professor, DMS, is working as chairman for Journal for advanced research in commerce and management studies (JARCMS).

- He is also working as research committee member in SVRM College Nagaram Guntur Dist.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: None

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:

S. No.	Year	No. of Students	(%) of projects done Outside
1	2014-15	27	100
2	2013-14	55	100
3	2012-13	74	100
4	2011-12	47	100

23. Awards / Recognitions received by faculty and students

S.No.	Name of the Faculty / Student	Award / Recognition	Year
1	Mr N. S Surendra	Ratified faculty of JNTUK	2015
2	Mr K Naveen Kumar	Ratified faculty of JNTUK	2015
3	Mr K. S Arun Kumar	Ratified faculty of JNTUK	2015
4	Mr T Jagadeesh	Ratified faculty of JNTUK	2015
5	Mr D Anajneyulu	Ratified faculty of JNTUK	2015
6	Ms K Vijaya Lakshmi	Ratified faculty of JNTUK	2015
7	G.RaviTeja, A.Venkateswara Rao, J.Kiran Kumar	ConQursO-2011(MICEX)- II prize	2011
8	Ch. Gopi, Ch.Rajesh, B.Srinu,G.S. Avinash, & Team	ConQursO-2011(Masti-mazza)- Runner	2011
9	Ch. Gopi, Ch.Rajesh, B.Srinu,G.S. Avinash, & Team	MAST-2011- First prize	2011
10	Swapna, Deepika.G, Deepika.P, Raviteja.A.V and team	ATHENA 2011- Winner	2011
11	K.Praneeth Kumar A.Vamsee Deep S.Jaswanth Kumar	Vignan University- Business Quiz	2012
12	A.Vamsee Deep S.Jaswanth Kumar A.Sireesha	PVPSIT Second Market Makers	2012
13	K.Praneeth Kumar B.Sravan Kumar	KL University- Finance Game- Second	2012

14	K.Praneeth Kumar Reddy A.Sri Krishna P.L.Kiran	GEC Business Quiz- First	2012
15	K.Praneeth Kumar	Road Transport Association- Essay Writing-First	2013
16	K.Praneeth Kumar Reddy A.Sireesha	SRKIT First- Strategic Game	2013
17	K.Praneeth Kumar Reddy A.Vamsee Deep S.Jaswanth Kumar	PB.Siddhartha- First- Business Quiz	2013
18	K.Praneeth Kumar Reddy A.Vamsee Deep S.Jaswanth Kumar	VR.Siddhartha- Business Quiz- FIRST	2013
19	K.Praneeth Kumar Reddy A.Vamsee Deep S.Jaswanth Kumar	Maris Stella- First- Business Quiz	2013
20	Ch.Srinu Babu V.Bhagya Sasidhar M.Girish Babu V.RamaKrishna B.Srinivasa Rao M.Prabhu Kumar	Vignan University- First- Mime	2013
21	Ch.Srinu Babu V.Bhagya Sasidhar M.Girish Babu V.RamaKrishna B.Srinivasa Rao M.Prabhu Kumar	Sunflower COET- First- Skit& Mime	2013
22	V.Bhagya Sasidhar	MIC- First- Mono Action	2013
23	V.Bhagya Sasidhar	Nalanda- Second- Mono Action	2013

24. List of eminent academicians and scientists / visitors to the department: None

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National : None

b) International: None

26. Student profile programme/course wise:

Name of course / Program	Academic Year	Applications Received	Selected	Enrolled Male	Enrolled Female	No of Passed	Pass%
MBA	2009-2011	60	59	39	20	57	96.6%
	2010-2012	60	48	38	10	47	97.9%
	2011-2013	60	46	39	7	40	86.9%
	2012-2014	180	79	65	14	68	86%
	2013-2015	180	55	35	20	42	76.3%

*M = Male *F = Female

27. Diversity of Students

Year	Name of the course	% of the students from the same state	% of the students from the other state	% of the students from Abroad
2014-15	MBA	100	NIL	NIL
2013-14	M B A	100	NIL	NIL
2012-13	M B A	100	NIL	NIL
2011-12	M B A	100	NIL	NIL

27. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?**   None

28. **Student progression**

Student progression	Against number enrolled			
	2013-15	2012-14	2011-13	2010-12
UG to PG	--	--	--	--
PG to M.Phil.	--	--	--	--
PG to Ph.D.	--	--	--	-
Ph.D. to Post-Doctoral	--	--	--	--
Employed				
• Campus selection	7	10	4	27
• Other than campus recruitment	3	--	15	--
Entrepreneurship/Self-employment	--	--	--	1

29. **Details of Infrastructural facilities**

   a) **Library**

No. of Volumes	No. of National Journals subscription	No. of International Journals subscription
2086	134	-

   b) **Internet facilities for Staff & Students**: 10 Mbps-leased line from Nettlinx India limited connected to entire campus.

   c) **Class rooms with ICT facility**: 01

   d) **Laboratories:** None

31. Number of students receiving financial assistance from college, university, government or other agencies

S.No.	Year	No. Admitted	No. of students got Financial Assistance
1	2014-15	31	30
2	2013-14	57	53
3	2012-13	79	42
4	2011-12	48	42

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Academic Year	Name of Workshop Organized	Resource Persons	Date (s)
2011	SODHANA (A quest for best project)	Dr. K.V.Rao, Rector, Acharya Nagarjuna University.	03-02-2011
2012	A seminar on professional ethics	Dr. V. Jyothi, Head, Department of MBA K.B.N.College, P.G Centre , Vijayawada	25-04-2012
2013	One day national level workshop on Research methodologies in management studies	3. Dr. A.V.N.Sarma, Rtd. Registrar Acharya Nagarjuna University. 4. Dr. M.S. Chakravarthy, Professor K.B.N. College, Vijayawada.	30-04-2013

	Importance of Banks in present economic world	Mr.A. Satyanarayana, Assistant Manager, Andhra Bank, Vijayawada	19-02-2013
2014	Investor Awareness Program	Mr. G.Sarish, Representative, Bombay Stock Exchange	23-07-2014
	A one day workshop on Entrepreneurship development	Mr. G.Sudarshan, Chairman, NSIC, HYD, AP	26-11-2014
	Managing 21st century workforce – a challenge for HR.	Mr.R.Sreedhar, Member, NHRD, Hyderabad	21-11-2014
2015	Contemporary Selling Strategies of FMCG Products	Mr. M.V.N.Mani Kumar, Territory Sales Manager, Warangal District, Hindustan Unilever	25-03-2015
	A guest lecture on Promising Prospects for Young Mangers	Dr. K. Bhanu Prakash Sr. Consultant, NABARD,HYD	08-10-2015

33. **Teaching methods adopted to improve student learning:**

Chalk & Board, Group Discussions, Presentations, Videos and Seminars

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:**

Year	Service Done	Venue	Dates
2014 -15	Campaign Against Plastic Pollution(CAPP)	Challapalli bungalow – Sub Collector Office Vijayawada	16-08-2014

	Awareness on Eye Donation Camp [In Association with Swecha Gora Eye Bank]	College Premises	02-04-2011
	Survey on the problems encountered by commuters of RTC buses	Vijayawada – Kanchikacherla route	15-07-2012
2011-12	MVR Planet Saving Programme	Nokia priority, Vijayawada	24-09-2012

35. SWOC analysis of the department and Future plans

Strengths

- Experienced and Knowledgeable faculty members.
- Conducting personality development activities and industrial visits
- Good Teaching Environment, Library and Internet Facilities.
- Conducting business labs for students and developing advanced information in different areas
- Highly accessible faculty
- Good infrastructure in the college campus
- Rapidly learnt new information and approaches

Weaknesses

- Lack of international journals and publications
- Lacking collaborations with professional bodies
- Lack of strategic management system
- Research and development needs a boost

Opportunities

- Growing demand for MBA professionals all over the world
- More opportunities for becoming self-employed
- Reforms in industrial policies by Central and State Governments leading to new opportunities
- Possible new jobs due to ―Make in India‖ initiative

Challenges

- Students from diverse backgrounds and qualifications
- Take challenge for 100% placements
- Communication and language skills of the students
- Conducting national level seminars and management meets
- To tune up the students to meet current corporate requirements technically.
- Enough Motivation / training is required to publish their articles in high impact oriented international journals.

Future Plans

- Planning to send MBA students for SIT(Summer internship programme) to NABARD
- Planning to introduce certificate courses in collaboration with APPC

Mandatory Disclosure

1. Name of the department: **SCIENCE AND HUMANITIES**

2. Year of Establishment: **2008**

3. Names of Programmes / Courses offered (UG, PG, M.Phil.,
   Ph.D., Integrated Masters; Integrated Ph.D., etc.)
   - UG: **B. Tech**

4. Names of Interdisciplinary courses and the departments/units involved

S.No.	Programme	Inter disciplinary Courses offered by	Departments involved
1		Computer Programming	CE,EEE,ME,ECE,CSE
2		Electric Circuit Analysis	Electrical & Electronics
3	**I B.Tech**	Network Analysis	Electrical & Communication
4		Engineering Drawing, Engineering Work shop Engineering mechanics	CE,EEE,ME,ECE,CSE
5		I.T work shop	CE,EEE,ME,ECE,CSE

6. **Annual/ semester/choice based credit system (programme wise)**

   - **UG: B.Tech** – All Branches Semester based Credit Systems

7. **Participation of the department in the courses offered by other departments**

S. No	Course Title	Department served
1	English communication practice training & soft skills English communication & practice	All Branches in I.B.Tech & IV MECH
2	Mathematics – M-I, M-II,&M-III CVSM P&S MFCS P&S QABD	All Branches in I.B.Tech II B.Tech-I Semester(EEE) II B.Tech-I Semester(CE) II B.Tech-I Semester(CSE) II B.Tech-II Semester(CSE) I MBA-I Semester
3	Environmental studies	II B.Tech-I Semester(ECE) II B.Tech-II Semester(EEE)

8. **Courses in collaboration with other universities, industries, foreign Institutions, etc.:**

   The department has been offering a certificate course on water testing.

   English Communication skills, Arithmetic & Reasoning

9. **Details of courses/Programmes discontinued (if any) with reasons:** NIL

10. **Number of teaching posts**

	Sanctioned	Filled
Professors	4	5
Associate Professors	7	7
Asst. Professors	20	20

11. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D students Guided for the last 4 years
Dr.N.K.S.P.S.Sarma	M.Sc, Ph.D	Professor	Chemistry	30	-
Dr. D Ramesh	M.Sc, M.Phil, Ph.D	Professor	Mathematics	11	-
Dr. U.K. Rangaiah	Ph.D, MLisc, MLSc	Professor	Library Science	35	-
Dr.V.Pushpamanjari	M.Sc, Ph.D	Professor	Physics	10	-
Dr.M.Srinivasa Rao	M.Sc, Ph.D	Professor	Chemistry	11	-
Ch. Sudheer	M.A, B.L, M.Phil, (Ph.D)	Professor	English	20	-
Ch. Venkateswarlu	M.A,(M.Phil)	Professor	English	24	-
M.Malleswara Rao	M.Sc, M.Phil	Assoc. Professor	Physics	10	-
V. Hareeswarudu	M.Sc, M.Phil	Assoc. Professor	Mathematics	6	-
A.V.Anil Kumar	M.Sc, B.Ed	Assoc. Professor	Mathematics	10	-
A.Naga Lakshmi	M.Sc, B.Ed, (M.Ed)	Assoc. Professor	Mathematics	10	-
G.Purna Chandra Rao	M.Sc	Assoc. Professor	Chemistry	10	-
K.Samaikya	M.A,(M.Phil)	Asst. Professor	English	3	-

M.Vijaya Lakshmi	M.Sc	Assoc. Professor	Mathematics	8	-
R.Shobha	M.Sc	Asst. Professor	Chemistry	3	-
D.Muni Kumari	M.Sc	Asst. Professor	Mathematics	3	-
A.V Satyanarayana	M.Sc, (M.Phil)	Asst. Professor	Physics	7	-
Ch.Venkatravamma	M.Sc	Asst. Professor	Mathematics	2	-
K.Lalitha Devi	M.Sc, B.Ed	Asst. Professor	Physics	3	-
P. Kalyani	M.Sc	Asst. Professor	Chemistry	3	-
P.Jojappa	M.Sc	Asst. Professor	Chemistry	1	-
Md. Muneerajaha	M.Sc	Asst. Professor	Organic Chemistry	6 months	-
G.Hanumantha Rao	M.Sc	Asst. Professor	Chemistry	4	-
A.Rajani	M.Sc	Asst. Professor	Chemistry	3	-
K.Rajesh	M.A,M.Phil, (Ph.D)	Asst. Professor	English	15	-
B.Jayasri	M.A	Asst. Professor	English	5	-
B. Swathi	MSc	Asst. Professor	Chemistry	3	-
Bala Joseph	M.A	Asst. Professor	English	3	-
K. Bhargavi	MSc	Asst. Professor	Chemistry	2	-
A.Ravi kumar	M.Lisc	Asst. Professor	Library	4	-
K.Vijaya Kumar	M.PEd	Asst. Professor	P D	16	-

P.Prasad	M.Lisc	Asst. Professor	Library	4	-

12. List of senior visiting faculty:

S. No	Name/Qualification	Designation	Parent Institution
1	Dr. B.Satyanarayana M.Sc, Ph.D.	Professor	ANU
2	Dr. N. Chenna Reddy M.A,Ph.D	Professor	ANU
3	Dr. N. Nageswara Rao M.Sc, Ph.D	Professor	P.B.Siddhartha
4	Dr. K. Usha Rani	Assoc. Prof	Krishna University
5	Dr. V. Amarendra Babu	Assoc. Prof	ANU
6	Dr.N.Nalini	Assoc. Prof	S.D.M.S.Kalasala
7	Dr.B.Raju	Assoc. Prof	Andhra Loyola College
8	Dr.Purna Chandra Rao	Assoc. Prof	P.V.P Siddhartha
9	Dr. Shalini	Assoc.Prof	K.B.N College
10	Dr.Surya Prakash	Assoc. Prof	P.B.Siddhartha
11	Dr.Rahiman	Assoc.Prof	P.B.Siddhartha
12	Dr. M. Madhusudhana Rao	Professor	KLU

13. Percentage of lectures delivered and practical classes handled

(programme wise) by temporary faculty: **All Faculty are full time**

14. Student -Teacher Ratio (Programme wise)

- **UG: B. Tech 15:1**

15. Number of academic support staff (technical) and administrative staff sanctioned and filled

Post	Sanctioned	Filled
Administrative Staff	2	2
(Technical)	2	2

16. Qualifications of teaching faculty with D. Sc. / D. Litt. / Ph. D/ M. Phil. / P.G.

Sl. No.	Qualification	No. of Faculty
1	Ph. D	5
2	M.Phil	4
3	PG	23

17. Number of faculty with ongoing projects from

   a) National   b) International funding agencies and grants received
      NIL

18. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc.
      and total grants received NIL

19. Research Centre /facility recognized by the University: **NIL**

20. Publications

S. no	Faculty Name	Title of the Paper	Name of the Journal	Month Year of publication	ISSN No.
1	**M.Vijayalakshmi**	Transportation Problem for Optimality	International Asian Pacific Journal of Research	Dec-2015	2320-5504
2	**V.Hareeswarudu**	Transportation Problem for Optimality	International Asian Pacific Journal of	Dec-2015	2320-5504

			Research		
3	**M.Malleswara Rao**	Spectroscopic studies on DS KCL Dopped DSHP Crystal	National Journal of Chemical and pharmaceuticals	Dec-2015	0974-2115
4	**A.V.Satyanarayana**	Spectroscopic studies on DS KCL Dopped DSHP Crystal	National Journal of Chemical and pharmaceuticals	Dec-2015	0974-2115
5	**K. Samaikya**	Isabel allende's "Island beneath the sea" as the successful slave rebellion narrative	International Multidisciplinary Research Journal Golden Research Thoughts	Oct - 2015	2231-5063
6	**M. Malleswara Rao**	Effect of KCL on the optical properties of Di-sodium hydrogen phosphate(DSHP) single crystal	JOURNAL FOR ADVANCERESEARCH IN APPLIED SCINCE	Sep-2015	2394-8442
7	**Dr. D.Ramesh**	Interval-valued intuitionistic fuzzy homomorphism of BF-algebras	Mathematical Theory and Modeling	2013	2225-0522
8	**Dr. D.Ramesh**	Interval-valued intuitionistic (S* , T*)-fuzzy closed ideals in BF-Algebras	Asian Journal of Current Engineering and Maths	June 2013	2277-4920

9	**Ch.Sudheer**	Developing Report writing Skills through Process Methodology	International Journal of English Literature, Language and Skills	July 2013	2278-0742
10	**Ch.Sudheer**	Persuasive Language for Advertisements	The English Research Express	September - 2013	2321-1164
11	**Dr. D.Ramesh**	Fully invariant and characteristic interval-valued intuitionistic fuzzy dual ideals of BF-algebras	Mathematical Theory and Modeling	2012	2225-0522
12	**Dr. D.Ramesh**	On interval-valued intuitionistic fuzzy ideals of BF-algebras	Journal of Comp. & Math. Sci.	January 2012	0976-5727
13	**Dr. D.Ramesh**	Interval- valued intuitionistic fuzzy BF-subalgebras	Acta Cienceia Indica	2012	0970-0455
14	**Dr. D.Ramesh**	On intuitionistic fuzzy positive implicative hyper BCK-ideals of hyper BCK-algebras	International J. of Math. Sci. & Engg. Appls	January 2012	0973-9424
15	**Dr. D.Ramesh**	On intuitionistic fuzzy commutative hyper BCK-ideals of hyper BCK-algebras	International Journal of Algebra and Statistics	May 2012	---

16	**Ch .Sudheer**	Language for Sales	The Challenge	June 2013	2278-9499
17	**Dr. D.Ramesh**	On interval-valued intuitionistic fuzzy dual ideal of BF-algebras	Annals of the Constantin Brancusi University of Targu Jiu, Engineering Series	2011	1842-4856
18	**Dr. D.Ramesh**	On Fuzzy ideals in BF-algebras	International J. of .Sci. & Engg. Appls	December 2010	0973-9424

21. Areas of consultancy and income generated

Sl. No	Client	Project title	Duration	Project value	Income Generated	Faculty involved
1	Gene 7 biotech	Chemical preparation	3 months	40,000	15,000	G. Purna Chandra Rao

22. Faculty as members in

a) **National committees b) International Committees**
c) **Editorial Boards etc.** National committees: **NIL**

Editorial Boards:

S. No.	Name of the Faculty	Designation	Membership type
1	G. Purna Chandra Rao	Jr. Scientist, JCPS	2 years

25. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: WITH THE SUPPORT OF CIVIL DEPT WE HAVE DONE A PROJECT 'QUALITATIVE & QUANTITATIVE ANALYSIS OF WATER IN & AROUND VIJAYAWADA.'

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: NIL

26. Awards / Recognitions received by faculty and students at National and International Level Faculty: NIL

27. List of eminent academicians and scientists / visitors to the department

1	2012	Seminar on Communication Skills	Dr. N.Nalini, Professor, SDM Siddhartha Mahila Kalasala, Vijayawada	12/09/12
2	2012	Guest Lecture on Importance of Global Language	DrB.Raju, Professor, Andhra Loyola College, Vijayawada	15/09/2012
3	2012	Guest Lecture on Analysis of Water	Dr.B.V. Rajeswara Reddy, Sri Sri Educations	12/12/2012
4	2013	Guest Lecture on Industry Expectations	Dr. P.Purna Chandra Rao, Professor, PVP Siddhartha Engineering,	15/09/2013
5	2013	Guest Lecture on Fuel Technology	Dr.N. Nageswara Rao, Professor, PB Siddhartha College, Vijayawada	14/10/2013
6	2014	Seminar on Teaching English in the class room	Dr. K.Sheela, Professor, KBN College, Vijayawada	15/09/14
7	2014	Seminar on Effective	Dr.D.Tirupathi Rao,	03/11/14

		Teaching Methods	Professor, Department of English, Dravidian University, Kuppam	
8	2014	Guest Lecture on Emerging Trends in Physics (Semi Conductor)	Dr.Prasada Rao, KLUniversity	15/12/2014
9	2014	Guest Lecture on Mathematical Skills	Dr.V.Amarendra Babu, Department of Mathematics, Acharya Nagarjuna University	08/10/2014
10	2014	Guest Lecture on Chemistry of Advanced Materials	Dr.Ch. Sudheer, Vikas College of Engineering	07/11/2014
11	2015	Seminar on presentation skills	Dr. S.Surya Prakash, Professor, PB Siddhartha College, Vijayawada	12/09/15
12	2015	Seminar on Group Discussions	Dr. Md. Rehaman, Professor, PB Siddhartha College, Vijayawada	12/10/2015
13	2015	Seminar on Interview Skills	Sri. K.Sridhar, TPO, PB Siddhartha College, Vijayawada	11/11/2015
14	2015	Guest Lecture on Material Science	Dr.Yusufkhan, Professor, Vignan University	13/07/2015
15	2015	Guest Lecture on Dielectrics	Dr. Madhu Mohan, Professor, VVIT	14/10/2015
16	2015	Seminar on Conducting Polymers	Dr. B.Tirumaleswara Rao, Vikas College	14/11/2015
17	2015	Guest Lecture on Some Applications on	Dr.B.Satyanarayana, Professor, Department of	28/01/2015

		Mathematical Techniques	Mathematics, Acharya Nagarjuna University	
18	2015	Guest Lecture on New Approaches in Mathematics	Dr.B.Srinivasa Rao, KLUniversity	16/03/2015

25. Seminars/ Conferences/Workshops organized & the source of funding   a) National   b) International

National

Sl. No	Date of the Event	Seminar/Conference /Workshop	Resource Person	Source of Funding
1	23-3-2010	Emerging trends in Engineering, Technology & Applied sciences.'	Prof. Hara Gopal VC ANU	MVRS
2	23-4-2013	Applications of Advanced Engineering Materials.'	Dr. G. Prasada Rao, KLU	MVRS
3	31-10-2014	Advanced English Communication Skills.'	Mr.Srinivasan	MVRS
4	2-03-2015	Importance of Communication Skills for Technicial Students	K.Satyanarayana	MVRS

International: NIL

26. **Student profile programme/course wise:**

Undergraduate Programmes (B. Tech) intake for I Year:

Academic Year	Branches / Departments					
	CE*	EEE*	ME*	ECE*	CSE*	Total
2012-13	120	60	60	120	60	420
2013-14	120	60	120	120	60	480
2014-15	120	60	120	120	60	480
2015-16	120	60	120	120	60	480

* As per EAMCET Counseling

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from from other States	% of students from from abroad
UG	100	0	0

28. **How many students have cleared national and state competitive examinations**

Sl. No	Academic Year	Name of the Competitive Exam	No of Students Cleared
1	2015-16	NA	-
2	2014-15	NA	-
3	2013-14	NA	-
4	2012-13	NA	-

29.   Student progression: NA

Student progression	Against % enrolled
UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	NA
Campus selection Other than campus recruitment	NA
Entrepreneurship/Self-employment	NA

30.   Details of Infrastructural facilities

  a) Library: Plinth Area: 33.3m².

Department	S&H
No of Books	120
No of volumes	40

  b) Internet facilities for Staff & Students:

    Wi-Fi enabled in the campus. Internet speed of 10 Mbps from
Nettlinx leased line is available

  C) Class rooms with ICT facility

Rooms	No of Rooms	Facilities Available
Lecture Rooms	7	Adequate no of tables , benches, Fans, Tube Lights LCD Projector and , Benches, Chalks & Dusters
Tutorial Rooms	2	

d) Laboratories:

Lab Description	Area (sq.m)	Software Used	Type of experiments	Quality of instruments	Lab manuals
English Communication Skills Lab	166.5	Rosetta Stone	As per JNTUK Syllabus	Good	Available
Engineering Physics Lab	166.5	Nil	Physical properties (JNTUK Prescribed)	Good	Available
Engineering Physics Virtual Lab	33.3	NPTEL,J2EE	JNTUK prescribed	Good	Available
Engineering Chemistry Lab	166.5	Nil	Chemical Properties(JNTUK prescribed)	Good	Available

31. Number of students receiving financial assistance from college, university, government or other agencies: Fee Reimbursement

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Refer Q no.24

33. Teaching methods adopted to improve student learning

- Power point presentations/Video lectures/OHPs are arranged to the students by the concerned faculty.
- Tutorial classes are conducted to improve the problem solving skills Conducting class tests after completion of prescribed syllabus
- Providing extra content to fill the gap between academics and industry
- Conducting remedial classes for slow learners to improve their

academic performance

- Assignments are given to students based on the need of the topic
- Easy access to the notes of each subject from department library
- Two Internal assessment tests are conducted
- Providing extra lab practice to all the students to improve the practical skills along with regular curriculum.
- For practical classes, one model test is conducted
- 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 student
- NPTEL lectures

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

a) NSS activities

Involving students as volunteers for conducting blood donation & eye check-up camps

NSS Activities 2015-16

Swatch Bharat program at Paritala village..

- Donated Rs.5000 worth Grinder to SKCV trust
- Donated Rs.15000 to the Chief Minister's Relief Fund

35. SWOC analysis of the department and Future plans

STRENGTHS

- Qualified and experienced staff
- Modern state of the art Infrastructure facilities
- Pollution free and Eco friendly Environment
- Top management commitment

Mandatory Disclosure

- The institute is well known for quality of education and discipline
- Consistently good University results
- Placement cell; e-Class Rooms, Internet facility, English language Lab
- The institution empowers rural youth
- Staff retention ratio is very high
- Good computation facility with adequate software

WEAKNESSES

- Inadequate research and consultancy
- Less no. of Doctorates
- Poor Quality of incoming students

OPPORTUNITIES

- Increased global need for quality engineering graduates
- Catering to the rural youth thus touching the bottom of the pyramid in Nation building
- More jobs particularly in software industry
- Establishments of SEZs in India for industrial growth

CONSTRAINTS

- Exponential growth of new Engineering Colleges
- Gradual deterioration in the standards of incoming students
- Unavailability of qualified and experienced staff due to rural background of the college
- Entry of foreign universities

FUTURE PLANS

- To enter into MOUs with Central Institutions and IITs .
- To take up R&D projects from funding agencies like DST, UGC and
- To take up consultancy works of at least Rs.3 lakhs in next three years in the area of environmental science, engineering chemistry and engineering physics.

D. Declaration by the Head of the Institution

I certify that the data included in this Self-Study Report (SSR) is 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.

(Dr. P.V. Naganjaneyulu)
Signature of the Head of the institution with seal:

PRINCIPAL
MVR College of Engineering & Technology
PARITALA. VIJAYAWADA-521 180

Place: Paritala

Date: 22/12/15