



(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.
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MANDATORY DISCLOSURE



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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	B.Tech.	Civil Engineering	120
2		Electrical & Electronics Engineering	60
3		Mechanical Engineering	120
4		Electronics & Communication Engineering	120
5		Computer Sciences Engineering	60
PG			
1	Management	Master of Business Administration	90

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	Studies		
2	M.Tech.	Structural Engineering	24
3		Transportation Engineering	24
4		Power Electronics & Drives	18
5		Thermal Engineering	18
6		Communication Engineering & Signal Processing	18
7		Computer Science & Engineering	18

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

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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

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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.

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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

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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
- Lift and ramp Facility

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.

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- 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.

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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 backward 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. B.Suresh Babu

Principal

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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)	
Cirity: 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. B.Suresh Babu	08678- 201155 Fax:0866- 2574602	8498037777	principal@mvrcoe.ac.in
Steering committee Coordinator	Dr.D.V.V.S. Phani Kumar	08678- 201155 Fax:0866- 2574602	9866317005	ceo@mvrcoe.ac.in

3. Status of the Institution:

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

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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: 2(f) and 12(b) Status

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	21-02-2019-	-NA-
ii. 12 (B)	21-02-2019	-NA-

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

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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	25-05-2016	24-05-2021	NAAC A Grade
2	CSE	25-05-2016	24-05-2021	NAAC A Grade
3	ECE	25-05-2016	24-05-2021	NAAC A Grade
4	EEE	25-05-2016	24-05-2021	NAAC A Grade
5	MECH	25-05-2016	24-05-2021	NAAC A Grade
6	MBA	25-05-2016	24-05-2021	NAAC A Grade
7	M.Tech	25-05-2016	24-05-2021	NAAC A Grade

(Enclosed the recognition/approval letter)

8. Does the affiliating University Act provide for conferment of autonomy?

(as recognized by the UGC), on its affiliated colleges?

Yes No

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

Yes No

9. Is the college recognized

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

Yes No

If yes, date of recognition: (dd / mm / yyyy)

b. for its performance by any other governmental agency?

Yes No

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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.	14449 (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	300

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iii. Facilities (mention available facilities)	<ul style="list-style-type: none"> ➤ 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	150
iii. Facilities (mention available facilities)	<ul style="list-style-type: none"> ➤ 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

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- Transport facilities to cater to the needs of students and staff: Yes
 - 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 academic year 2019-20)

Sl. No	Programme Level	Name of the Programs/ Courses	Duration	Entry Qualification	Medium of Instruction	Sanctioned/ approved Student strength	No. of Students Admitted
1	UG	B.Tech-CIVIL	4 Years	10+2	English	108	28
2		B.Tech-EEE				54	15
3		B.Tech-MECH				108	20
4		B.Tech-ECE				108	83
5		B.Tech-CSE				54	48
6	PG	MBA	2 Years	Degree		162	56
7		M.Tech-Civil (Structural Engineering)		B.Tech		24	14
8		M.Tech-Civil (Transport Engineering)		B.Tech			15
9		M.Tech-EEE (Power Electronics &)		B.Tech			01

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		Drives)				
10		M.Tech-Mech (Thermal Engineering)		B.Tech		----
11		M.Tech-ECE (Communication Engineering and Signal Processing)		B.Tech		01
12		M.Tech-CSE (Computer Science and Engineering)		B.Tech		07

13. Does the college offer self-financed Programs?

Yes No

If yes, how many?

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

Yes	---	No	√	Number	00
-----	-----	----	---	--------	----

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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

b. Semester System

c. Trimester System

17. Number of Programmes with

a. Semester Based Credit System

b. Inter/Multidisciplinary Approach

c. Any Other (Specify and provide details)

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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

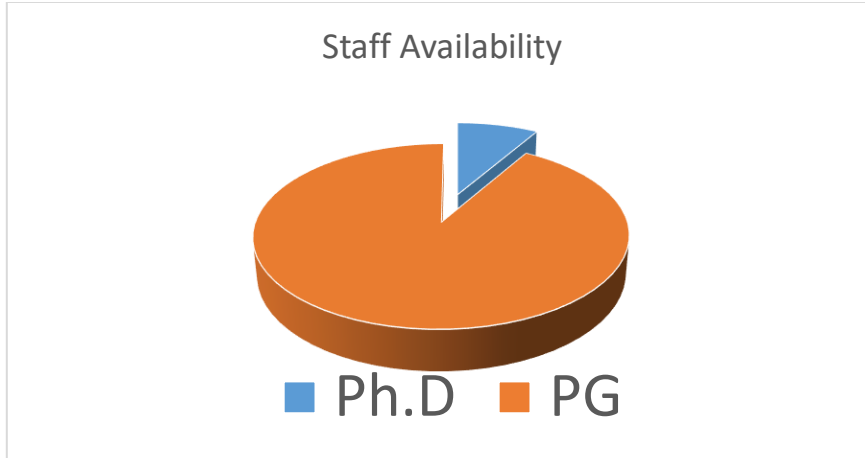
Position	Teaching Faculty						Non teaching Staff		Technical Staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F				
Sanctioned by the Management/ Society or other authorized bodies Recruited	11	2	18	4	71	42	43	24	29	06
Yet to										

***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.,	11	2	-	-	-	-	13
M.Phil	-	-	04	-	-	-	04
PG / UG	-	-	14	4	71	42	131

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

23. Details of student's enrollment in the college during the current academic year: 2019-20

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	320	97	-	-	417
Students from other states of India	-	-	-	-	-
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	320	97	-	-	417

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

UG 1% PG 2%

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25. 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/-

26. 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

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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.

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

(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**

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.

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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

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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.

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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

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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).

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- 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.

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- 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

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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.

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- 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

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S.No	Program Level	Name of the Program/ Course	Branch	Duration In Years	Entry Qualification	Medium of Instruction	Sanctioned /approved Student Strength
1.	Under-Graduate	ECE		04	10+2	English	120
		CSE					60
		EEE					60
		MECH					120
		CIVIL					120
2.	Post-Graduate	MBA		02	Degree	English	90
		M.TECH	CIVIL	02	B.Tech	English	48
			CSE		B.Tech	English	18
			ECE		B.Tech	English	18
			EEE		B.Tech	English	18
			MECH		B.Tech	English	18

Qualifications of the teaching staff:

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Ph.D	11	2	-	-	-	-	13
PG	-	-	18	4	71	42	135

- 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.

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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

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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,

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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.

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- 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.

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- 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, PG CET which enables the students to go for higher study in institutions of repute.

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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

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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

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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.

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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:

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.

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, 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.

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

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.

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- 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.

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- **Category A:** 70% of the total seats are filled thorough common counseling carried out by APSICHE.
- **Category B:** 30% of the admissions are made by the college as per the guidelines of the APSICHE.
- 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 APSICHE and University

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

Admission to all courses in the college is strictly done through the guidelines laid by APSICHE 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

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

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the National commitment to diversity and inclusion.

The admission process is in the control of APSICHE. Admissions are based on reservation policies of Andhra Pradesh state government. The admission process is as per the reservation policies by the APSICHE. 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.

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2.1.6 Provide the following details for various programmes offered by the institution during the Academic year 2019-20

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

UG AND PG PROGRAM:

Sl. No	Programme Level	Name of the Programs/ Courses	Duration	Entry Qualification	Medium of Instruction	Sanctioned/ approved Student strength	No. of Students Admitted
1	UG	B.Tech-CIVIL	4 Years	10+2	English	108	28
2		B.Tech-EEE				54	15
3		B.Tech-MECH				108	20
4		B.Tech-ECE				108	83
5		B.Tech-CSE				54	48
6		Lateral Entry	3 Years	Diploma			126
7	PG	MBA	2 Years	Degree		162	56
8		M.Tech-Civil (Structural Engineering)		B.Tech		24	14
9		M.Tech-Civil (Transport Engineering)		B.Tech			15
10		M.Tech-EEE (Power Electronics & Drives)		B.Tech			01
11		M.Tech-Mech (Thermal Engineering)		B.Tech			----

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11	M.Tech-ECE (Communication Engineering and Signal Processing)		B.Tech			01
12	M.Tech-CSE (Computer Science and Engineering)		B.Tech			07

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.

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

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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

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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

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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

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knowledge and capabilities of students for their effective growth in academics, so that they can have effective learning. It is equipped with several amenities like:

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

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

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

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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

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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

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- 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.

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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.	11	2	-	-	-	-	13
M.Phil.	-	-	04	-	-	-	04
PG	-	-	14	4	71	42	131
UG	-	-	-	-	-	-	-

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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 faculty 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 year 2019-20

Sl. No	Details	Number of Faculty nominated
1	FDPs/ Workshops / Conferences Organized	12
2	FDPs/ Workshops / Conferences Attended	40
3	Publications in reputed approved Journals	21
4	Papers published / presented	05
5	Guest Lectures delivered	05

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

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- 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.

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?

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- 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?

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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.

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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 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

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- 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.

2.5.6 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.

2.5.7 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.

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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:-

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Teaching

- **Allotment of subjects to the faculty**
 - By knowing the strength of the faculty, particular 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**

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- 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

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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.

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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 department level as well as institution level 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:

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S.NO	Name of the faculty	Designation
1	Dr. B.Suresh Babu	Principal and Convener
2	Dr. D.V.V.S.Phani Kumar	Professor and Member
3	Dr.P.Bala Krishna	Professor and Member
4	Dr.Rushi Santhosh singh Thakur	Professor and Member
5	Dr.G.Anand Babu	Professor and Member
6	Dr.B.Sahoo	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

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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.

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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:

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	D SRINIVAS	ASSOC PROF	CSE	NETWORKS
2	K SHYAM BABU	ASSOC PROF	ECE	RADAR SIGNAL PROCESSING
3	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.

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S.No.	Academic Year	Workshop/ Seminar/ Guest lecture	Topic	Resource person	Date(s) of event
Civil Engineering					
1	2018-19	GUEST LECTURES	CAREER PLANNING OF CIVIL ENGINEERS	G.Srinivasa Rao HR manager (SR educational Academy)	26-7-2018
		GUEST LECTURES	SOFTWARES ARE USED CIVIL ENGINEERS	M.Kumaraswamy Viswa Technologies	5-9-2018
		WORKSHOP	WORKSHOP ON REVITING & 3D MAX SOFTWARE	Unique solutions	25-10-2018
		WORKSHOP	WORKSHOP ON TOTAL STATION TRAINING	Unique solutions	1-12-2018
2	2017-18	WORKSHOP	WORKSHOP ON ARCHITECTURAL DESIGN	Professor N.Ramaswamy Iyer Vejandla.Ar.Ratna Kumar	27-12-17
		WORKSHOP	WORKSHOP CARNIVAL ON REVITTING & STAAD	CH.PRASANNA KUMAR HR CAD DESK	13-11-17 14-11-17
		GUEST LECTURES	CAREER PLANNING OF CIVIL ENGINEERS	G.Srinivasa Rao HR manager (SR educational Academy)	26-7-2017
3	2016-2017	WORKSHOP	WORKSHOP ON TOTAL STATION TRAINING	Unique solutions	1-12-2018
		GUEST LECTURES	Guest Lecture on Durability of Concrete	Mr. N.P.N. Murthy	4-03-2016
		GUEST LECTURES	HOW TO USE A SOFTWARES IN CIVIL ENGINEERING	CH.CH.Srinivas	3-1-2017
4	2015-2016	WORKSHOP	One day national seminar on Structural Hazard Allied Knowledge of	Dr.GopalRai, Dr.Neelima atyam, Dr.Suriya Prakash, Dr.Pradeep Sarkar	29-08-2015

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			Earthquake (SHAKES/2015)		
		WORKSHOP	Three days workshop on GIS	G.V.K. Kasyap Assistant Professor JNTUK	30-10-15
		WORKSHOP	Three days workshop on CAD	P Prasad Designer	21-09-2015
		GUEST LECTURES	Guest Lecture on Prestressed Concrete	Mr.SK.Bademia	24-03-2016
		GUEST LECTURES	Guest Lecture on Durability of Concrete	Mr. N.P.N. Murthy	02/03/2015
		GUEST LECTURES	One Day Guest lecture on Geotechnical Engineering aspects	S.Srinivas Kumar Assistant Engineer APTRANSCO	14/10/2015
5	2014-2015	GUEST LECTURES	2015 One Day Guest lecture on Rise Buildings”	High Babar Baig Assistant Engineer NCC PVT Ltd.	05/03/15
		GUEST LECTURES	Guest Lecture on Prestressed Concrete	Mr.SK.Bademia 02/04/2015	02/04/2015
		WORKSHOP	Two Days workshop on TEKLA Software Mrs. Jeevana Kamma	MR. M.Suresh , Mrs. Jeevana Kamma	10/10/2014 11/10/2014
6	2013-2014	WORKSHOP	One Day national workshop on Mapping and Modelling with Arc/GIS	Mr.K.S.Pradeep , ESRI, Mr. Md.Naseer Ahmed	30/8/2013
		WORKSHOP	One Day National Level Seminar on Design of Mix Proportion of Concrete	Dr.V.Ramarao 10/01/2014	10/01/2014
		GUEST LECTURES	Guest Lecture on Prestressed Concrete	Mr.SK.Bademia	02/03/2014
Electrical & Electronics Engineering					

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1	2017 – 18	Workshop	SouraSamarthana	APSSDC	21/12/2017
		Workshop	Three-day workshop on Automation	APSSDC	21/12/2017
2	2016 – 17	Guest lecture	Detailed view on Power Electronics	Dr. B Madhu Kiran	02/11/2017
3	2015 – 16	Workshop	Three-day Workshop on wavelets		12/9/2015
		Guest lectures	Guest lecture on turbine operation and control	S.Vasanth kumar	14/08/2015
		Guest lectures	Guest lecture on high voltage engineering	Dr.M Sreedhar	25/10/2015
		Guest lectures	Guest lecture on electrical drives	K.sudhakar reddy	1/11/2015
		Guest lectures	Guest lecture on power quality	J.Udaybhaskar	8/12/2015
		Guest lectures	Guest lecture on series Compensation&GIS	Dr.B.P Singh	28/01/2015
4	2014 – 15	Workshop	Two-day Workshop on Supervisory control on PID	Krest Technologies	15/09/2014
		Guest lectures	Testing of Transformer and designs	K.Sridhar	11/07/2014
		Guest lectures	Neural Networks	M.M.Ramana prasad reddy	05/12/2014
5	2013 – 14	Workshop	Workshop on power quality Improvement		15/09/2013
		Guest lectures	Cabling and general problems in plants	Ch.Rajendra Prasad	27/7/2013
		Guest lectures	Series compensation	Dr.N Samba Siva rao	15/12/2013
Mechanical Engineering					
1	2013-2014	Seminar	Recent Techniques in projection of solids	D. Srinivasa Rao Assoc Professor	21-12-2013

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				DMSSVHCE	
2	2013-2014	Seminar	Unconventional Machining Process	Dr. T. Nancharaiah Professor & H.O.D DMSSVHCE	23-4-2014
3	2014-2015	Seminar	Enhancement in Tribiological properties by adding Nano Particles	Dr. A. Kiran kumar Professor & H.O.D Ace Engineering college-Hyd	31-10-2014
4	2014-2015	Seminar	Application of phase change materials in cooling buildings	Dr. P. Vijaya kumar Professor, Lbrce	3-12-2014
5	2014-2015	Seminar	Advances in balancing methods used in rotating shafts	Dr. D.Srinivasa Rao Professor DMSSVHCE	31-1-2015
6	2015-2016	Seminar	Additive manufacturing techniques	Dr. T. Nancharaiah NIT-TG	3-2-2015
7	2015-2016	Seminar	Thermal analysis of nozzles	Dr. T. Srinivas Rao	5-09-2015
8	2015-2016	Seminar	Crack detection methods using signal processing in machine components	Dr. D.Srinivasa Rao Professor, & HOD, DMSSVHCE	23-09-2015
9	2015-2016	Seminar	Overview of steam power plant	CH. V. Nagaraju, AE, NTTPS	21-10-2015
10	2015-2016	Seminar	Overview of steam power plant	CH. V. Nagaraju, AE, NTTPS	22-10-2015
11	2016-2017	Seminar	Shape memory alloys	Dr. A. Kiran kumar Professor	1-2-2016
12	2016-2017	Seminar	Analysis of honeycomb structure	Dr.K.Satyanaryana Professor, & HOD, Limat	28-7-2016
13	2017-2018	Seminar	Advanced composite materials	MD.Rafi, Assoc.Prof CR Reddy CLG	1-3-2017
14	2017-2018	Seminar	Computer numerical	K.Ravi	25-6-2017

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			control for machine tools	Manager,BDL	
15	2017-2018	Seminar	Mems		22-10-2017
16	2018-2019	Seminar	Analysis of stress in pipe bends	Dr. A. Kiran kumar Professor	10-9-2018
17	2013-2014	Workshop	Advances in cadd	CITD, Autonagar	21-11-2013
18	2013-2014	Workshop	Basic manufacturing processes and technologies	Dr.K.Satyanaryana Professor, & HOD,Limat	23-3-2014
19	2014-2015	Workshop	Tekla structures	TeklaIndustries Pvt.Ltd	3-11-2014
20	2014-2015	Workshop	Finite element analysis of solids	M.Radhakrishna Design Engineer,Quest Global Pvt.ltd	31-2-2015
21	2015-2016	Workshop	Non destructive testing techniques	Kalva Institue	28-2-2015
22	2015-2016	Workshop	Introduction to welding processes	V.Gowtham Reddy Asst.Prof	25-09-2015
23	2016-2017	Workshop	Casting Process	D.Kiran Kumar M.Tech.IITK	11-2-2016
24	2016-2017	Workshop	Modeling & Assembly Using Catia	MD.Rafi,Assoc.Prof CR Reddy CLG	1-7-2016
25	2017-2018	Workshop	Autocad pratice	V.Mohan Manoj Asst.prof,,NRI	2-6-2017
26	2017-2018	Workshop	CNC Programming	K.Ravi Manager,BDL	22-11-2017
27	2018-2019	Workshop	IC Engines	C.Srilatha Assoc.Prof,Pscmr	28-8-2018
Electronics & Communications Engineering					
1	2013-14	Seminar	Recent trends in wireless Communications	Dr.K.Satya Prasad , JNTUK, Kakinada	12/9/2012
2	2013-14	Seminar	Introduction to an Embedded Systems	Dr.N.Balaji , JNTUVZ, Vizayanagaram	19/02/2013

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3	2013-14	Workshop	One day Workshop on Lab view	G.Karthik, Indo Global Services	9/05/2013
4	2013-14	Seminar	BSNL to Hold	Mr.G.Babuji, General Manager, BSNL , Krishna D,t.	9/05/2013
5	2013-14	Seminar	Signals & Systems Processing	CH.Srinivasa Rao , JNTUVZ, Vizayanagaram	10/12/2013
6	2013-14	Workshop	Two Day workshop on Wireless Communications	Vikas REDdy, Indo Global Services.	9/9/2013 & 10/9/2013
7	2013-14	Workshop	Two Day Workshop on Embedded Game Development.	Sandeep Lavantra, Robotics Expert at Technophilia systems Pvt. Ltd.	12/9/2013 & 13/9/2013
8	2013-14	Workshop	Two Day Workshop on Signal Processing	P.Maresh, Querty Technologies ,Hyderabad	4/2/2014 & 5/2/1014
9	2014-15	Seminar	Introduction to VLSI Technology	Dr.K.Babulu, JNTUK, Kakinada	20/08/2014
10	2014-15	Seminar	Relevant changes in optical fiber communications	Mr.V.krishna Rao, Sub Divisional Engineer, BSNL , Nandigama	23/8/2014
11	2014-15	Seminar	Recent Trends in Satellite Communications	Dr. M.N. Giri Prasad , JNTUA, Anatapuram	7/11/2014
12	2014-15	Workshop	Two Day Workshop on PCB design	B.Kranthi Kumar, Que Technologies ,Vijayawada	23/1/2015 & 24/1/2015
13	2014-15	Workshop	Two Day Work Shop on Imaging & Multimedia	Mahesh.Paladugu, Director , Element School of Visual Arts	12/2/2015 & 13/2/2015
14	2014-15	Workshop	Two day workshop on Technologies in ARM Processor	Mayank Ranjan, Cranes Software International Pvt. Ltd Bangalore.	16/2/2015 & 17/2/2015
15	2015-16	Seminar	Generation of Technology	Dr. Shaik Rafi Ahamed, IITG, Guwhati	25/08/2015
16	2015-16	Workshop	Three days Work shop on VLSI Design And Hands	P. Bharadwaj, SAK Informatics, Hyderabad	14/9/2015 to

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			On Experience With Programming XILINX		16/9/2015
17	2015-16	Seminar	Two Day Seminar on Devolvement in Telecommunication	L.Laxman, Research Scientist ,C-DOT , Bangalore	5/10/2015 & 6/10/2015
18	2015-16	Seminar	Awareness programme on Engineering services	Dr. A.Narendra Babu , LBRCE,Mylavaram	15/12/2015
19	2016-17	FDP	One Week FDP on Speech and Signal Processing	Dr.T.Kishore Kumar,ECEHOD,NITW	10th to 15th April 2017
20	2017-18	workshop	A workshop on "Robotics	K. Ravi teja, chinnaiah-micro technologies	18.12.2017
Computer Science & Engineering					
1	2017 – 18	Workshop	INTERNET OF THINGS WORKSHOP	Dr. Rajesh	19/12/2017
			Soft Skill development	APSSDC	14/09/2017
2	2016 – 17	Seminar	Cloud computing	Dr.Kiran	02/11/2016
			Software Testing	B.Srinivas KLU	20/02/2015
3	2015 – 16	Workshop	Aptitude and Reasoning Training	Banerjee,Emerging Finishing school	11/11/2015
			Soft Skill development	Banerjee,Emerging Finishing school	06/10/2015
		Guest lectures	Industrial Expectation from young Engineers	Justin, HR AFL	06/07/2015
			Trends in IT-LMS and career path	Sudheer Reddy, Consultant Infosys	11/04/2015
			Cloud computing	Dr K S R P VARMA,GITAM	05/01/2016
		Seminar	.Net	P sankar,TL,TAGIT	04/01/2016
Heigher studies in abroad	Kumaran,Topnotch		03/03/2016		

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4	2014 – 15	Workshop	Aptitude and Reasoning Training	Syam and Team ,Unearth Solutions	07/10/2014
			Ethical Hacking and Cyber Security	V Siva Krishna,LBRCE	09/04/2015
			Soft Skill development	Syam and Team ,Unearth Solutions	11/11/2014
			C LANGUAGE	Dr P SIVAKUMAR,KLU	04/12/2014
		Seminar	Software Testing	P Sankar,GITAM	20/02/2015
			JAVA	Dr P Siva Kuma,KLU	02/03/2015
			Software Engineering And Testing	Nagaraj,NIT Nagaland	11/03/2015
			Higher studies in Abroad	Rajan,Topnotch	14/03/2015
5	2013 – 14	Workshop	Android Development	Dr C Nagaraju,Yogivemana university	11/03/2014
			Soft Skill development	Nalini Shindey & Team ,Namaste Mahindra	11/10/2013
			Aptitude and Reasoning Training	Nalini Shindey & Team ,Namaste Mahindra	21/10/2013
		Guest lectures	Industry Exposure	P sarath, HR IVTL	27/7/2013
			Series compensation	Dr.N Samba Siva rao	15/12/2013
		Seminar	Web design Training	Dr T Vamsi,Professor, GVP,Vizag	06/01/2014
			Heigher studies in abroad	Divya, Topnotch	03/01/2014
		Master of Business Administartion			
1	2018-2019	Guest Lecture	Talk on Future trends of Banking	Sri. M.N. Ramesh, ICICI Bank Manager Credit Cards, Vijayawada	10-10-2018
2		Guest Lecture		Sri. Srinivasa Rao, Manager,	12-10-2018

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			Meet the Manager	Axis Bank, Sri. Vasanth Kumar, Manger, Saptha Giri Grameena Bank Sri.V. Sarath Babu, SBI Branch Manager and A. Satyam Manager, Andhra Bank	
3	2017-18	Guest lecture	Marketing Strategies of Jio Network	Sri. Ch. Rajeev Connectivity Lead, Reliance Jio Networks, Moglrajapuram, Vijayawada	18-06-2017
4	2016-17	Guest Lecture	Investor Awareness Program	Sri Santhosh Reddy, Resource Person of BSE	27-01-2017
5	2015-2016	Guest Lecture	Promising Prospects for Young Mangers	Dr. K. Bhanu Prakash Sr. Consultant, NABARD,Hyd	08-10-2015
6	2014-2015	Guest Lecture	Contemporary Selling Strategies of FMCG Products	Mr. M.V.N.Mani Kumar, Territory Sales Manager, Warangal District, Hindustan Unilever	25-03-2015
7		Workshop	Entrepreneurship development	Mr. G.Sudarshan, Chairman, NSIC, HYD, AP	26/11/2014
8		Guest Lecture	Managing 21st Century Workforce - A Challenge for HR	Mr. R.Sridhar, Member, NHRD and AGM- HR Department, Call Health Services, Hyderabad.	21-11-2014
9		Guest Lecture	Investor Awareness Program	Mr. G.Sarish, Representative, Bombay Stock Exchange	23/07/2014
10	2013-14	Workshop	Workshop on Research Methodologies in Management studies	Dr. BVVN Murthy, Head, Gudalavalleru Engg College, Keynote Speaker,	01-05-2013

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				Dr. L.Anuradha. Head, VRSEC as Guest of Honor	
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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 last three years.

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	Sri Harsha G	Asst. Prof	EEE	Power Electronics
4	K. Sridhar	Assoc. Professor	MECH	Advanced Manufacturing Systems
5	M. Rajesh	Asst. Prof	MECH	CAD/CAM
6	M. Ravi Theja	Asst. Prof	MECH	Machine Design
7	V. G. Priyanka	Asst. Prof	MECH	CAD/CAM
8	Ch. Srilatha	Asst. Prof	MECH	CAD/CAM

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9	Y.N.V. Mani Sandeep Kumar	Asst. Prof	MECH	Thermal Engineering
10	T.S. Nataraj	Asst. Prof	MECH	Metallurgy
11	Syed Hmeed	Asst. Prof	MECH	Thermal Engineering
12	N. Pardha Saradhi	Asst. Prof	MECH	Thermal Engineering
13	K. Naga Vishnu	Asst. Prof	MECH	Machine Design
14	Ch. Geetanjali	Asst. Prof	MECH	Metallurgy
15	G. Kiran Kumar	Asst. Prof	MECH	Machine Design
16	Dr.T Chenna Kesavulu	Professor	MBA	Accounting & HR
17	Dr.M Venkateswara Rao	Professor	MBA	Marketing & HR
18	Dr. K.L. Narasimha Rao	Professor	MBA	Accounting & HR
19	N.Siva Surendra	Asso.Prof	MBA	Marketing & HR
20	D.Vasu	Asst.Prof	MBA	Finance & Marketing
21	T.Jagadish	Asst.Prof	MBA	Marketing & HR
22	A.Sirisha	Asst.Prof	MBA	Marketing & HR

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23	S Suresh	Asst.Prof	MBA	Finance & Marketing
24	K.Vijaya Lakshmi	Asst.Prof	MBA	Marketing & HR
25	D Anjaneyulu	Asst.Prof	MBA	Marketing & HR
26	P.Satya Saketh	Asst.Prof	MBA	Marketing & HR
27	B V Ramanarao	Asst.Prof	MBA	Finance & Marketing
28	LKDV Satyanarayana	Asst.Prof	MBA	Finance & Marketing
29	K Kunal	Asst.Prof	MBA	Finance & Marketing
30	J Jaydev	Asst.Prof	MBA	Finance & Marketing
31	M Srinivas	Asst.Prof	MBA	Finance & Marketing
32	M Sameer	Asst.Prof	MBA	Finance & Marketing
33	Y Dileep	Asst.Prof	MBA	Finance & Marketing
34	B Sripathi Rao	Asst.Prof	MBA	HR & Marketing
35	Dr. G. Kishore	Professor	CSE	Image Processing
36	D. Srinivas	Assoc Prof	CSE	Wireless LANS

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37	PBVN Prasad	Assoc Prof	CSE	COMPUTER SCIENCE
38	M. Chandra Sekhar	Asst.Prof.	CSE	COMPUTER SCIENCE
39	Y. Siva Ramaiah	Asst.Prof.	CSE	COMPUTER SCIENCE
40	M. Lavanya	Asst.Prof.	CSE	COMPUTER SCIENCE
41	Y. Kiran	Asst.Prof.	CSE	COMPUTER SCIENCE
42	P Gayathri	Asst.Prof.	CSE	COMPUTER SCIENCE
43	G. Jameson	Asst.Prof.	CSE	COMPUTER SCIENCE
44	A. Kalyan Kumar	Asst.Prof.	CSE	COMPUTER SCIENCE
45	Ch. Hemanad	Asst.Prof.	CSE	COMPUTER SCIENCE
46	N. Madhu Bindu	Asst.Prof.	CSE	COMPUTER SCIENCE
47	M.Rajesh Kumar	Asst Prof	CIVIL	Structural Engineering
48	Ch.Praveen Babu	Asst Prof	CIVIL	Transportation Engineering
49	M.Balaraj Nayak	Asst Prof	CIVIL	Transportation Engineering

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50	P.Gopi	Asst Prof	CIVIL	Transportation Engineering
51	K.Md.Basheer	Asst Prof	CIVIL	M.Sc(geology)
52	M.DurgaRao	Asst Prof	CIVIL	Structural Engineering
53	K.Sai Ramya	Asst Prof	CIVIL	Structural Engineering
54	K.Prudhvi	Asst Prof	CIVIL	Structural Engineering
55	K.Pravalika	Asst Prof	CIVIL	Structural Engineering
56	K.A.Nandini	Asst Prof	CIVIL	Structural Engineering
57	A.Srikanth	Asst Prof	CIVIL	Structural Engineering
58	Ch. Sudheer	Professor	S&H	Developing Report Writing Skills.
59	V.Hareeswarudu	Assoc.Prof	S&H	Normed Measure on A^* - Algebra
60	M.Malleswara Rao	Assoc.Prof	S&H	Material Science
61	Dr.D.Ramesh	Professor	S&H	Fuzzy Algebra
62	Ch. Venkateswara Rao	Asst.Prof	S&H	Indian Literature

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63	K.Samaikya	Asst.Prof	S&H	Dravidian Literature
64	A.V. Satyanarayana	Asst.Prof	S&H	Glass Operator
65	Dr.P.V.Naganjaneyulu	Professor &Principal	ECE	Wireless communications
66	Mr. Ch. Srinivasa Kumar	Professor& HOD	ECE	Applied Electronics
67	Mr.M. Shafi Shahsavar	Assoc. Prof.	ECE	Wireless Communications
68	Mr.K.Syam Babu	Assoc. Prof.	ECE	VLSI Design
69	Mr.A.Ravi	Assoc. Prof.	ECE	S&SP
70	Mr.A.Srinivasa Rao	Assoc. Prof.	ECE	VLSI SD
71	Mrs. G.Sree Lakshmi	Assoc. Prof.	ECE	C&SP
72	Mr.V.L Satyanarayana	Assoc. Prof.	ECE	ES
73	Mr.S.Koteswara Rao	Assoc.Prof.	ECE	Int. & CS
74	Mr.N.Siva Govind	Asst.Prof.	ECE	ES
75	Mr.Mandure Rajan	Asst.Prof.	ECE	C&SP
76	Mr.S.Venkata Naresh	Asst.Prof.	ECE	DECS

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77	Mr.Ch.Bala krishna	Asst.Prof.	ECE	ES
78	Mr.M.V. Satish Kumar	Asst.Prof.	ECE	ECE
79	Mrs.P.Venkata Supraja	Asst.Prof.	ECE	ECE
80	Ms.Ch.Karuna pravaha	Asst.Prof.	ECE	CE&SP
81	Mrs.V.Navya Sri	Asst.Prof.	ECE	DECS
82	Ms.V.Maheswari	Asst.Prof.	ECE	VLSI
83	Mr.V.Sai Ram	Asst.Prof.	ECE	MWE & RADAR
84	Mr. R.Ranjit Kumar	Asst.Prof.	ECE	CS
85	Mr.S.Teja	Asst.Prof.	ECE	ECE
86	Mrs.R.Adi Lakshmi	Asst.Prof.	ECE	CE&SP
87	Mrs.D.S. Padmavathi	Asst.Prof.	ECE	SSP
88	Mr.P.Pradeep	Asst.Prof.	ECE	VLSI SD
89	Ms.J.Anusha	Asst.Prof.	ECE	CE&SP
90	Ms.Suneela	Asst.Prof.	ECE	ECE

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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
CIVIL	Mr. M.Ranga Rao	Principal Chirala Engineering College
	Mr. M.Rama Rao	Professor RVR &JC college of Engg. IGS-Secretary (Guntur chapter)
	Dr. T.D Gunneswararao	Professor, NIT, warangal
	Dr. U.Mohana Rao	Rtd. Principal, V.R.Sidhartha Engineering college, Kannur
	S.Srinivas Rao	AE , APTRANSCO
	Y.Yamini	A.E.E
	K.H.Reddy	A.E.E
	Dr. B.V. Subba Rao	Professor, PVP Siddhartha Institute of Technology, Kanuru.
	Mr. Rizwan	Senior Project Manager, Oracle Corporation.
	Dr. Nagaraju Baydeti	Professor NIT, Nagaland

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CSE	Mr. Mahesh Paladugu	Director, Element School of Visual Arts
	Mr. Ghanta Subba Rao	Chairman AP State Skill Development Corporation
	Mr. G.Rama Krishna	Technical Officer Software Technology Parks of India RS. No. 7, Govt. Polytechnic College Campus Opp. Stella College, Vijaywada
	Dr. R. Rajeswara Rao.	Associate Professor of CSE. VIZIANAGARAM-533003
	Rahul Chabra	Senior Scientist Kyrion, New Delhi
EEE	Dr. P V R L Narasimham	Prof. & Head, VRSEC
	Dr. Sambasiva Rao	Prof. & Head, NRIA
	Mr. B Madhu Kiran	Assoc. Prof. & Head, VRSEC
	Mr. M M Ramana Prasad Reddy	Assoc. Prof. & Head, VRSEC
	Mr. J Uday Bhaskar	Assoc. Prof. & Head, PVPSIT
	Mr. K Sudhakar Reddy	Professor, PVPSIT
	Mr. M Sreedhar	Prof. & Head, GIET
MBA	Dr.G.V. Chalam	Professor & Chairman BOS, Acharya Nagarjuna University
	Dr. K.Madhusudhana Rao	Head of the Department, KLU Business School, KLUniversity

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MECH	Dr. T. S.S. Balaji	Principal, BITS, Kurnool
	Dr. D. Srinivasa Rao	Professor, SVH college of engineering
	Dr. T. Nancharaiah	Assoc. Professor, NIT - Tadepalligudem
ECE	Dr.K.Satya Prasad	Professor,JNTUK, Kakinada
	Dr.N.Balaji	Professor,JNTUVZ, vizayanagaram
	CH.Srinivasa Rao	Professor,JNTUVZ, vizayanagaram
	Mr.G.Babuji,	General Manager, BSNL
	Dr.K.Babulu	Professor,JNTUK, Kakinada
	Mr.V.krishna Rao	Sub Divisional Engineer, BSNL , Nandigama
	Dr. M.N. Giri Prasad	Professor,JNTUA, Ananthapur
	Dr. Shaik Rafi Ahamed	IITG,Gahuthi
	Dr. A Narendra Babu	LBRCE,Mylavaram
S&H	Dr. N.Nalini	Professor, SDM Siddhartha Mahila Kalasala, Vijayawada
	Dr B.Raju	Professor, Andhra Loyola College, Vijayawada

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	Dr.B.V. Rajeswara Reddy	Professor, Sri Sri Educations
	Dr. P.Purna Chandra Rao	Professor, PVP Siddhartha Engineering, Vijayawada
	Dr.N. Nageswara Rao	Professor, PB Siddhartha College, Vijayawada
	Dr. K.Sheela	Professor, KBN College, Vijayawada
	Dr.D.Tirupathi Rao	Professor, Department of English, Dravidian University, Kuppam
	Dr.Prasada Rao	Professor,KLUniversity
	Dr.V.Amarendra Babu	Professor ,Department of Mathematics, Acharya Nagarjuna University
	Dr.Ch. Sudheer	Professor ,Vikas College of Engineering
	Dr. S.Surya Prakash	Professor, PB Siddhartha College, Vijayawada
	Dr. Md. Rehaman	Professor, PB Siddhartha College, Vijayawada
	Sri. K.Sridhar	TPO, PB Siddhartha College, Vijayawada
	Dr.Yusufkhan	Professor, Vignan University
	Dr. Madhu Mohan	Professor, VVIT
	Dr. B.Tirumaleswara Rao	Professor, Vikas College

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	Dr.B.Satyanarayana	Professor, Department of Mathematics, Acharya Nagarjuna University
	Dr.B.Srinivasa Rao	Professor, KLUniversity

3.1.9 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:

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2017-18	2018-19	2019-20
27000	28000	32000

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.

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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 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

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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.

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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

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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.

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3.4 Research Publications and Awards

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

- Patents obtained and filed (process and product) - NIL
- Original research contributing to product improvement - 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
2017-18	35	03
2018-19	47	15
2019-20	28	11

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.

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3.4.2 Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database? :

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

3.4.3

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.

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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.

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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 Transfor mers	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
1	Sri Sai Planning Engineers	High grade concrete mix proportion	Y.Anand Babu	30,568/-
2	Sri Sai Planning Engineers	Non Destructive testing methods	Y.Anand Babu	40,236/-

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3	Different agencies	Testing, Designing Mix and Surveying	Department Faculty	1,04,596 /-
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Department of ECE:

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

Department of CSE:

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

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Department of Mechanical:

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

Department of Science & Humanities:

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

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

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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

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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.

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

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.

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- 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

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- 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

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- 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

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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 deposes 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.

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- 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.

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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

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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

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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 meaningful programs around close-by Villages.

Sports:

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.

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- **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 auditor 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.

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

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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	Mr.M.Malleswara Rao
2.	Literary Appreciation	Each week students need with teachers to discuss develop questions & answers	Mr.Madhu Babu
3.	Music Club	Offers both vocal and instrumental music	Mr.A.V.Satyanarayana
4.	Painting	Teaches about art and encourages to learn sketching, Painting etc	A.Naga Lakshmi
5.	Photography	Create awareness about photography	V.Hareeswarudu
6.	Green Club	Takes care about greenery in and around the college	Mrs.E.ASha
7.	MVR Prerna Club	Placement cell	Ms.S.Naga Rani

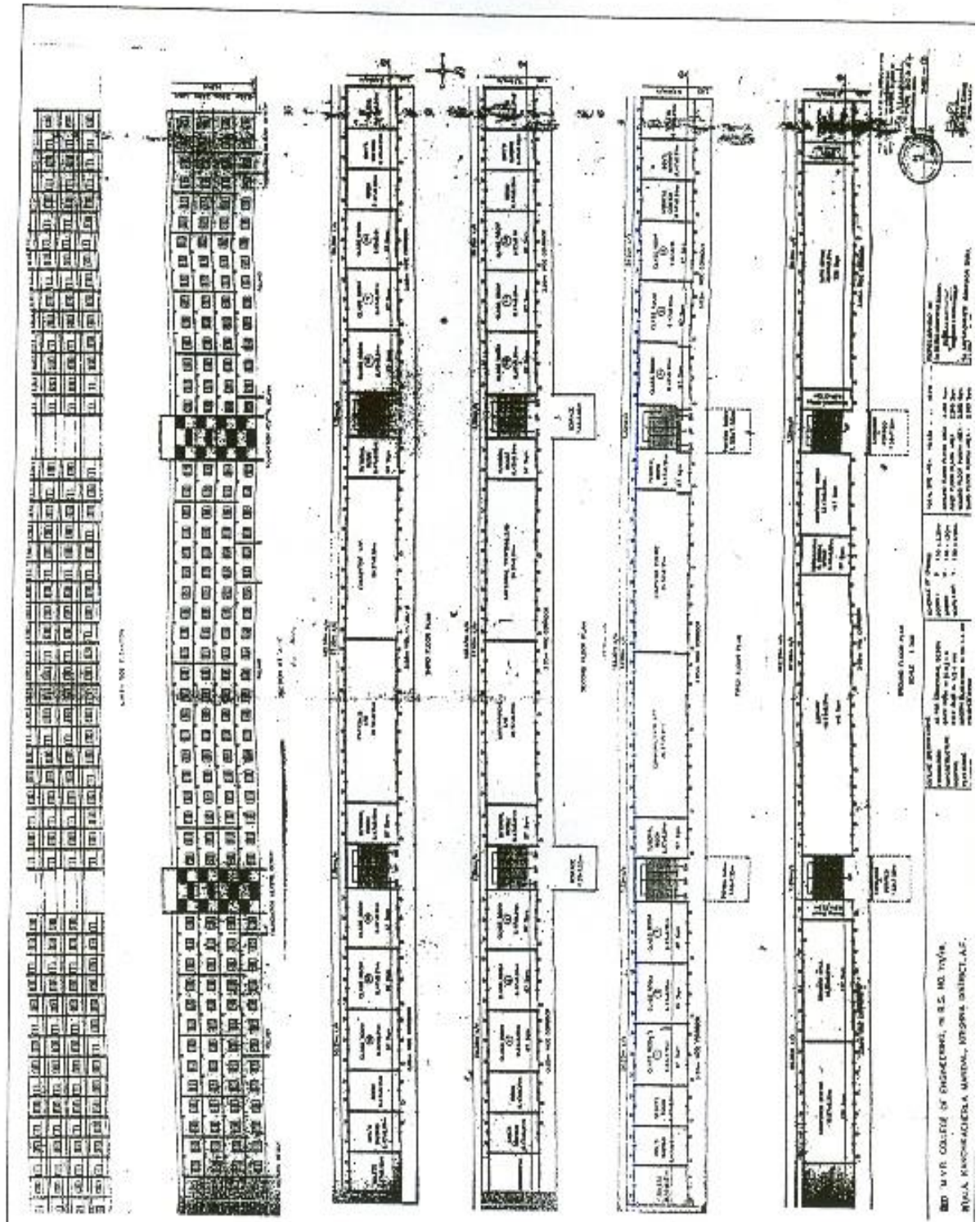
4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution/ campus 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-

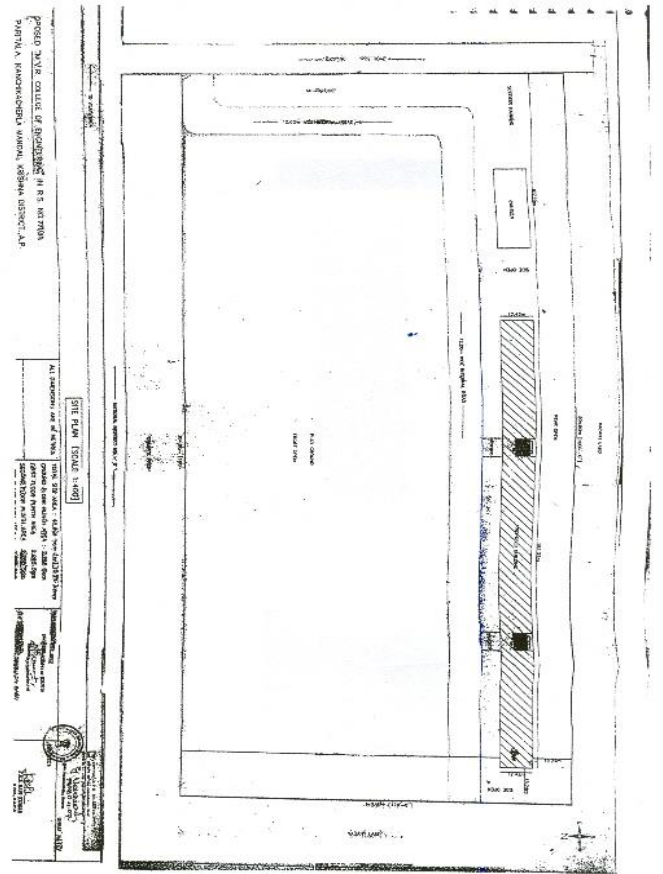
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house employability aptitudes preparing departmental affiliation exercises, workshops, courses, festivities, and so forth (theater, class corridors, e-classrooms, and so forth.).

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- Extra base for Research and Development Cell. Adjustment of present day instructing/learning techniques (Visual/sound hardware). Encouraging

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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.

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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 for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium etc.

- The 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)	Dr. D.V.V.S.Phani Kumar	II Floor
2	Admissions Committee	Dr. D.V.V.S.Phani Kumar	Office
3	Examination Committee	Mr. D Srinivasa Rao	Ground Floor
4	Placement and Training Committee	Dr.G. Kishore	Ground Floor
5	Library Committee	Mr. Y.Efreem Kumar	I Floor
6	Students' Welfare & Extracurricular Activities Committee	Mr. K Sridhar	
7	Alumni Committee	Mr.PBVN Prasad	Ground Floor
8	Anti-Ragging Committee	Mr. M.Rajesh	II Floor
9	Disciplinary Committee	Dr. G.Anand Babu	I Floor
10	Research and Development Committee	Dr. B.Suresh Babu	I Floor
11	Sports and Games Committee	Mr. Vijay Kumar	Ground Floor
12	Grievances and Redressal Center (Faculty & Staff)	Mrs.Ch.Sujatha	I Floor
13	Grievances and Redressal Center (Students)		
14	Women Grievance Redressal Center		
15	Transport Committee	Mr. Srinivasa Rao	Ground Floor
16	Hostel Committee	Mr. B Hanumantha Rao	III Floor
17	Selection Committee	Dr. B.Suresh Babu	Ground

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18	General Amenities Committee	Dr. D.V.V.S.Phani Kumar	Floor
19	Purchase Committee	Dr. D.V.V.S.Phani Kumar	

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.

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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

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- 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.

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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.

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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

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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:

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Academic Year	2017-18	2018-19	2019-20
Provision in the Annual Budget	1,50,000	1,70,000	1,90,000
Amount spent	1,40,000	1,50,000	1,50,000

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:

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- 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.

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- 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.

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

S. No	Infrastructure	Budget Allotted
1	Building	77984
2	Furniture	295562
3	Computers	208836
4	Library Books	80469
5	Lab Equipment	1150914
6	Vehicles	590124
7	General	175855
1	Building	380685
2	Furniture	819953
3	Computers	193240
4	Office Equipment	3445895
5	Lab Equipment	190485
6	Vehicles	449192
7	General	38224
1	Computers	34220
2	Lab Equipment	12344
3	Vehicles	685374
4	General	224010
5	Office Equipment	72240
1	Building	16239522
2	Furniture	545373
3	Computers	241800
4	Library Books	743683
5	Lab Equipment	1806481
	Office Equipment	134848

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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

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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.

5.1 Student Mentoring and Support

3.7.7 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 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 scholarships sponsored by the government in the form of fee reimbursement.

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5.1.3 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 training 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

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 MVR CET so far.

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➤ 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.

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➤ **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. MVR CET, 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

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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.B.Suresh Babu

Principal

Chair Person

S.No	NAME	Designation	Department	Committee
1	Dr.D.V.V.S.Phani Kumar	Professor	CSE	Member/Secretary
2	Dr.P.Bala Krishna	Professor	CIVIL	Member
3	Dr.T.Rushi Santhosh Singh	Professor	EEE	Member
4	Dr.G.Anand Babu	Professor	ECE	Member
5	Dr.G.Kishore	Professor	CSE	Member
6	Dr.B.Sahoo	Professor	CIVIL	Member
7	Ch.Sujatha	Asst. Prof	MBA	Member
8	A.V.Satyanarayana	Asst. Prof	S&H	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.

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- 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.

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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.B.Suresh Babu

Principal

Chair Person

S.No	NAME	Designation	Department	Committee
1	Dr. G.Kishore	Professor, TP	CSE	Member/ Secretary
2	M.Rajesh	Asst. Prof	Mechanical	Member
3	G.Srilakshmi	Asst. Prof	ECE	Member
4	Ch.Vija Chandar	Asst. Prof	EEE	Member
5	Ch.Sujatha	Asst. Prof	MBA	Member
6	B.Khadar Mohammed	Asst. Prof	CIVIL	Member
7	M.Vijaya Lakshmi	Asst. Prof	S&H	Member

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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.

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.

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- 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.

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.

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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).

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.

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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. T.Ratna Raju	Assistant Professor	Training & Placement
3	Mr. N Bala Mahesh	Assistant Professor	Training & Placement

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

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 Arthematic and Reasoning 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

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						and Mock Interviews
A Training Programme 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 Arithmetic and Reasoning and logical areas

Module Description	Any other Contributory Institute/ Industry	Developed / Organized by	Duration	Resource Persons	Target Audience	Usage and Citation etc
A Campus Recruitment Training Programme 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, Arithmetic and Reasoning and logical areas

Module Description	Any other Contributory Institute/ Industry	Developed / Organized by	Duration	Resource Persons	Target Audience	Usage and Citation etc
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A Campus Recruitment Training Programme 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,Arthematic and Reasoning and logical areas
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Module Description	Any other Contributory Institute/ Industry	Developed /Organised by	Duration	Resource Persons	Traget Audience	Usage and Citation etc
A Campus Recruitment Training Programme 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 Arthematic,Reasoning& Logical areas,Communication 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 Knowledge 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

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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.

Placement of Students:

S.No	Name of the Company	Number of Students Placed
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

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S.No	Name of the Company	Number of Students Placed
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

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

S.No	Name of the Company	Number of Students Placed
1	AAS	8
2	3 EDGE	8
3	Hcl	10

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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

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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. B.Suresh Babu , Principal Chair Person

S.No	NAME	Designation	Department	Committee
1	Dr.D.V.V.S.Phani Kumar	Professor	CSE	Member/ Secretary
2	K.Syam Babu	Assoc. Prof	ECE	Member
3	N.Madhu Bindu	Asst. Prof	CSE	Member
4	N.Rohini Devi	Asst. Prof	Mechanical	Member
5	Ch.Vijay Chandar	Asst. Prof	EEE	Member
6	Ch.Sujatha	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.

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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. B.Suresh Babu , Principal Chair Person

S.No	NAME	Designation	Department	Committee
1	Dr.D.V.V.S.Phani Kumar	Professor	CSE	Member/ Secretary
2	K.Syam Babu	Assoc. Prof	ECE	Member
3	N.Madhu Bindu	Asst. Prof	CSE	Member
4	N.Rohini Devi	Asst. Prof	Mechanical	Member
5	Ch.Vijay Chandar	Asst. Prof	EEE	Member
6	Ch.Sujatha	Asst. Prof	MBA	Member
7	A.Naga Lakshmi	Asst. Prof	S&H	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

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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 allotted 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.

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Anti-Ragging Committee:

S.No	Name	Dept	Designation
1	Dr.B.Suresh Babu	Admin	Chairman
2	Dr.D.V.V.S.Phani Kumar	CSE	(Professor) Member
3	Mr.D.Srinivas	CSE	(Professor) Convener
4	Dr.G.Kishore	CSE	(Professor) Member
5	Dr.Balakrishna Penta	CIVIL	(Professor) Member
6	Dr.Rushi Santhosh	EEE	(Professor) Member
7	Mr.M.Rajesh	MECH	(Assoc.Professor) Member
8	Mr.K.Syam Babu	ECE	(Assoc.Professor) Member
9	Ch.Sujatha	MBA	(Asst.Professor) Member
10	Mr.S.Sudhakar Rao	CIVIL	(Assoc.Professor) Member
11	Mr.M.Malleswara Rao	S&H	(Asst.Professor) Member
12	Mr.K.Vijaya Kumar	ADMIN	(P.D) Member
13	Mr. T.Srinivasa Rao	ADMIN	(Bus Incharge) Member
14	Mr.Ch.Vijay Chandar	EEE	(NSS Coordinator) Member
15	Mr.B.Bhaskar	S&H	(Hostel Warden) 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

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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 received 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

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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 competitive 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

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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.

Members:

Dr.B.Suresh Babu Principal Chair Person

S.No	NAME	Designation	Department	Committee
1	Dr.D.V.V.S.Phani Kumar	Professor	CSE	Member/Secretary
2	M.Rajesh	Asst.Prof	Mechanical	Member
3	Ch.Vijay Chandar	Asst. Prof	EEE	Member
4	K.Syam Babu	Assoc. Prof	ECE	Member
5	PBVN Prasad	Asst. Prof	CSE	Member
6	M.Musalaiah	Asst. Prof	CIVIL	Member
7	V.Hareeswarudu	Asst. Prof	S&H	Member

Functions:

- The MVR CET 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.

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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	2017-18	2018-19	2019-20
CIV	UG to PG	10	15	18
CSE		9	11	10
ECE		20	15	13
EEE		4	11	10
ME		NA	NA	NA
MBA	PG to Ph.D.	Nil	Nil	Nil
EMPLOYED	CAMPUS SELECTION	86	63	78
	Other than Campus Recruitment	3	Nil	15
	Total	89	63	93

5.2.2 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.
- MVR CET, 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.
- MVR CET Conducted a few counterfeit tests, mock GD's, mock meetings and mock interviews to make the understudies prepared for meeting.

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- MVR CET 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.

5.2.3 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

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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.

Name of the student	Class	Prize	Event Name	College/ University
G.RaviTeja, A.Venkateswara Rao, J.Kiran Kumar	II MBA	II prize	ConQursO MICEX	SRK Institute of Technology
Ch. Gopi, Ch.Rajesh, B.Srinu, G.S. Avinash	II MBA	Runner	ConQursO Masti-mazza	SRKIT
Ch. Gopi, Ch.Rajesh, B.Srinu, G.S. Avinash	II MBA	I Prize	MAST	KBN College
P.Ravindra Babu	II CSE	Best Paper	Lakshya	LBRCE Mylavaram
B.Siva Bandavi	II CSE	Best Paper	Lakshya	LBRCE Mylavaram
1.Swapna, 2.Deepika.G, 3.Deepika.P, 4.Raviteja.A.V	II MBA	Winner	ATHENA	ALIT
K.Praneeth Kumar Reddy A.Vamsee Deep S.Jaswanth Kumar	I MBA	II prize	Business Quiz	Vignan University
1.A.Vamsee Deep 2.S.Jaswanth Kumar 3.A.Sirisha	I MBA	II prize	Market Makers	PVPSIT

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D.S. Lakshmi	II CSE	Best Paper	Annual Event	Priyadarsini Institute of Science &Technology
G. Anusha	II CSE	Best Paper	Annual Event	Priyadarsini Institute of Science & Technology,
T. Manaswini	II CSE	Best Paper	Annual Event	Priyadarsini Institute of Science & Technology Nandigama
T.Pradeep Kumar	III EEE	I Prize	Model exhibition	Guntur Engineering College, Guntur
A. Prasanthi	IV Civil	I Prize	Uniquet	Universal College, Guntur
M.V Sai Sarath	IV Civil	II prize	Your Fest	Usha Rama College
S. Bhavya	IV Civil	II prize	Your Fest	Usha Rama College
P. Manohar	IV Civil	I Prize	Nirvighna	NRI
M.Durga Rao	IV Civil	I Prize	Uniquet	Universal College, Guntur
B.V.Sasi Kumar	IV Civil	II prize	Uniquet	Universal College, Guntur
P. Phani Teja	IV Civil	II prize	Uniquet	Universal College, Guntur
J. Sowjanya	IV Civil	I Prize	Uniquet	Universal College, Guntur
K.Praneeth Kumar Reddy B.Sravan Kumar	II MBA	II prize	Finance Game	KL University
K.Praneeth Kumar Reddy A.Sri Krishna P.L.Kiran	II MBA	II prize	Business Quiz	GEC
K.Praneeth Kumar	II MBA	I Prize	Essay Writing	Road Transport Association
K.Praneeth Kumar A.Sirisha	II MBA	I Prize	Strategic Game	SRKIT
K.Praneeth Kumar	II MBA	I Prize	Business Quiz	PB.Siddhartha

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A.Vamsee Deep S.Jaswanth Kumar				
K.Praneeth Kumar A.Vamsee Deep S.Jaswanth Kumar	II MBA	I Prize	Business Quiz	VR.Siddhartha
K.Praneeth Kumar A.Vamsee Deep S.Jaswanth Kumar	II MBA	I Prize	Business Quiz	Maris Stella
J. Lokesh	II CSE	Best Paper	Samyak	KLU Vaddeswaram
K.Venu Babu	II CSE	Best Paper	Technotsav	MVR College of Engineering & Technology
S. Chandra Kanth	II CSE	Best Paper	Samyak	KLU Vaddeswaram
U. Krihna Kanth	II CSE	Best Paper	Samyak	KLU Vaddeswaram
T. Priyanka	III EEE	II prize	Model exhibition	Akula Gopayya Engineering College
A. Mounika	III EEE	I Prize	Paper Presentation	Mandava Institute of engineering,Jaggay yapeta
Ch.Srinu Babu V.Bhagya Sasidhar M.Girish Babu V.RamaKrishna B.Srinivasa Rao M.Prabhu Kumar	I MBA	I Prize	Mime	Vignan University
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

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V.Bhagya Sasidhar	I MBA	I Prize	Mono Action	MIC
V.Bhagya Sasidhar	I MBA	II prize	Mono Action	Nalanda
Jeevan	I/IV-MECH	II prize	Technostav-13	M.V.R
Revanth	I/IV-MECH	I Prize	Technostav-13	M.V.R
Sathwik	I/IV-MECH	I Prize	Technostav-13	M.V.R
Pavan	I/IV-MECH	I Prize	Technostav-13	M.V.R
N.L. Priyanka Bai	I Year- CSE	I Prize	Dance	Dhanekula Intstitute of Technology
A. Nikhila	I Year- CSE	I Prize	Group Dance	Dhanekula Institute of Technology
N.L.Priyanka Bai	I Year- CSE	I Prize	Dance	Dhanekula Intstitute of Technology
O. Ravi Teja	II Year- CSE	Runners	Cricket Tournament	Enadu
G. Sravani	II Year- CSE	Merit Certificate	NIIT Merit Test	NIIT
T.Ganga Eswar	III EEE	I Prize	Model exhibition	Priya darsini Engineering college,Tenali
K. Ajay	IV Civil	I Prize	Asist Aakarshan	Amritha Sai Institute of Technology
D. Vinay	IV Civil	I Prize	Asist Aakarshan	Amritha Sai Institute of Technology
G. Marshi	IV Civil	II prize	SRK Techno Fest	SRK Institute of Technology
Ch. Divya Krishna	IV Civil	I Prize	SRK Techno Fest	SRK Institute of Technology
Ch. Divya Krishna	IV Civil	II prize	SRK Techno Fest	SRKIT
Ch. Divya Krishna	IV Civil	I Prize	Technotsav	MVR College of Engineering &

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				Technology
K. Ajay Kumar	IV Civil	III	JNTUK Athletics Meet	JNTU, Kakinada
K. Ajay Kumar	IV Civil	I Prize	Sports Carnival	Chalapathi
K. Ajay Kumar	IV Civil	I Prize	JNTUK Tournaments	JNTU, Kakinada
Pavan	III -MECH	I Prize	Acentra-14	JNTUK
Pavan	III -MECH	I Prize	Acentra-14	JNTUK
Pavan	III -MECH	I Prize	Acentra-14	JNTUK
Giridhar	III -MECH	I Prize	Technostav-14	M.V.R
Giridhar	III -MECH	I Prize	Sapience-14	VASAVI
David raju	III -MECH	I Prize	Sapience-14	VASAVI
Sathwik	II/IV-MECH	II prize	Sapience-14	VASAVI
Pavan	II/IV-MECH	II prize	Sapience-14	VASAVI
David	III -MECH	I Prize	Techmantra	PVP
Pavan	III -MECH	I Prize	Jignasa-15	PSCMR
Pavan	III -MECH	I Prize	Desproth-15	GEC
Pavan	III -MECH	I Prize	Yantrik-15	KLU
Pavan	III -MECH	I Prize	Acentra-14	JNTUK
Giridhar	III -MECH	I Prize	Spurthi-14	SRK
Sawthik	III -MECH	I Prize	Dhanush-14	DHANEKUL A
David	III -MECH	II prize	Dhanush-15	DHANEKUL A
Giridhar	III -MECH	I Prize	Techzite-14	RGUKT
Pavan	III -MECH	I Prize	Techzite-15	TEC
O. Ravi Teja	III CSE	I Prize	Khabaddi	ASIST
M. Sai Deepika	III CSE	Selected for JNTUK Team	Khabaddi	KunnurUnive rsity, Kerala

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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	III rd	Dec2014
5	V. Thirumala Rao	Civil(II)	100 Mts	Mettapalli engineering college	II nd	March2015
6	K Ajay Kumar	Civil(III)	100 Mts	Mettapalli engineering college	III rd	March2015
7	V. Thirumala Rao	Civil(II)	200 Mts	Mettapalli engineering college	I st	March2015
8	K Ajay Kumar	Civil(III)	200 Mts	Mettapalli engineering college	III rd	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

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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	I st	March2015
22	K Ajay Kumar	Civil(III)	100 Mts	Jntuk Inter Collegiate Athelete, Central Zone	III rd	Oct 2014
23	V. Thirumala Rao	Civil(II)	100 Mts	NEWTONS engineering college, MACHERLA	I st	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.

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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.

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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 MVR CET site that Alumni can enlist from any place and upgrade their points of interest and each Annual day the graduated class meetings are held.

GOVERNANCE AND LEADERSHIP

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'

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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

Mandatory Disclosure

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.

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- 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

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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

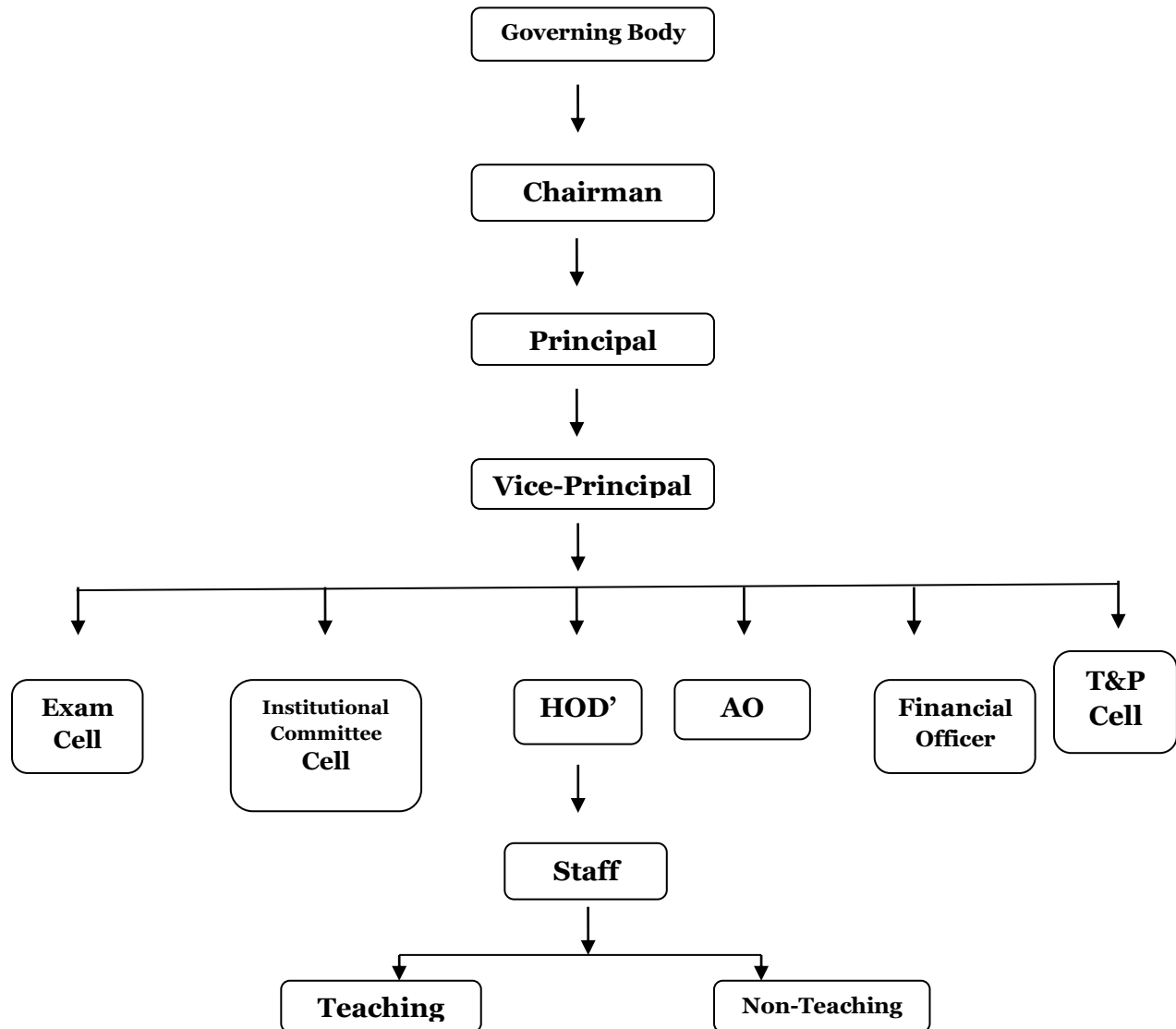
- HODs – smooth conduct of the classes and other activities

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- FO – Maintaining the administration system and financial accounts of the institution
- 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:

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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

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- 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,

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and the execution is made by the respective members.

The following are the aspects which are considered for inclusion in the plan:

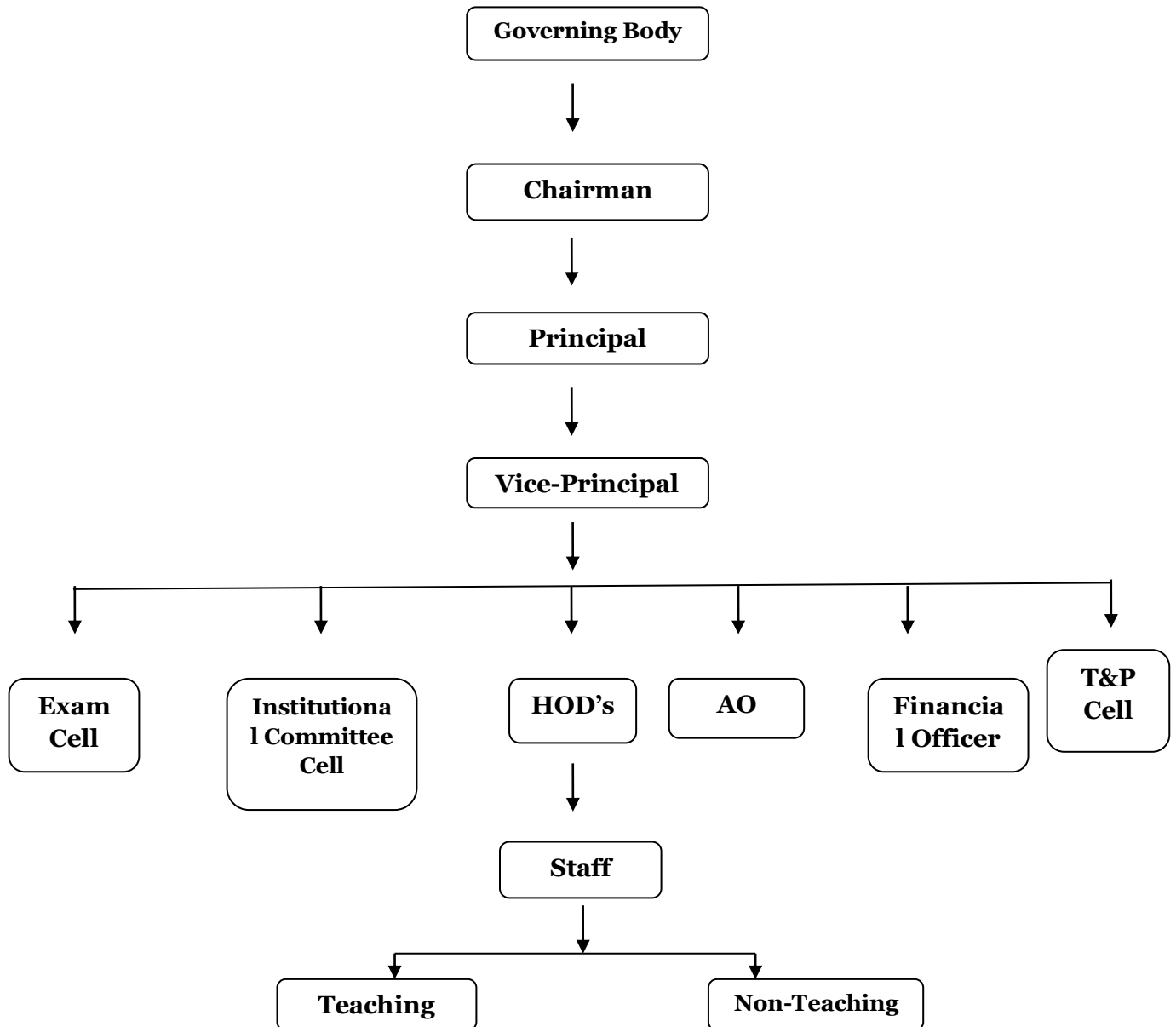
- Research and Development
- Career guidance
- Training and placement
- Cultural activities
- Ethical behavior
- NSS

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:

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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 industrialist 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

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- 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.

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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.

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6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

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.

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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 as 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.

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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.

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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

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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.

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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 Shafiof** 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 performance.

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.

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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.

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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.

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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

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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.

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- 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.

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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

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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

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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.

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Faculty Development Programs

The institution organizes faculty development programs at least two times in a year and deputed 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,

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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.

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- 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:

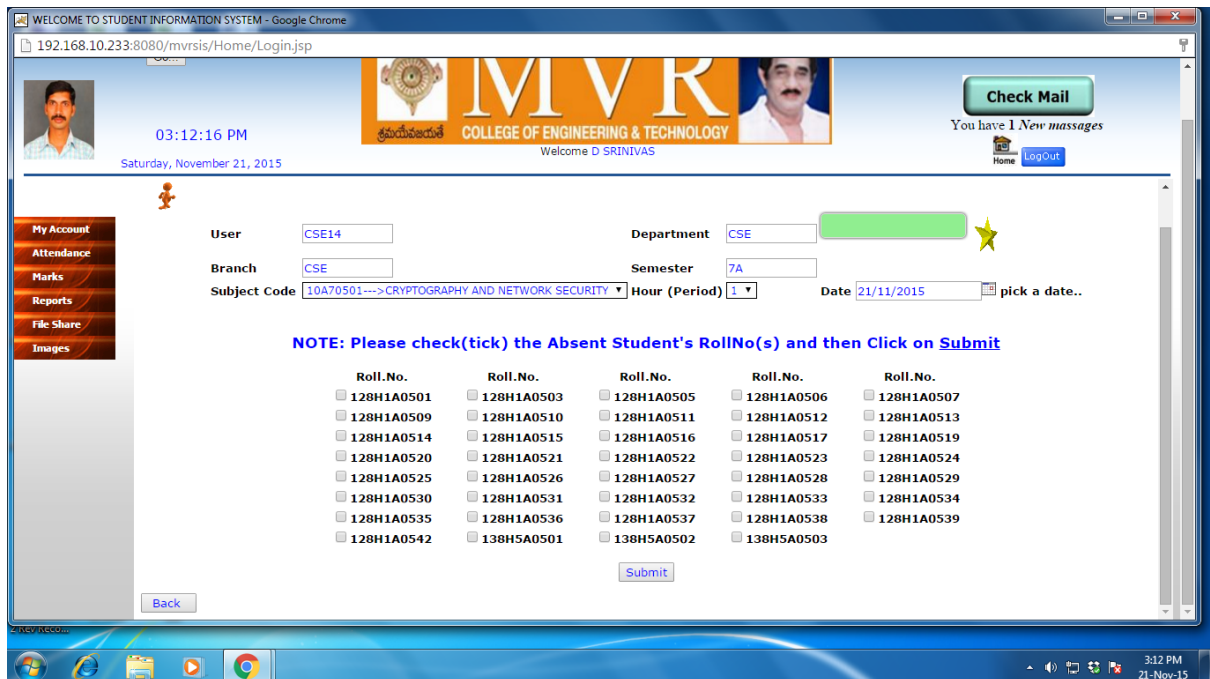


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Home Page



Attendance sheet



Mandatory Disclosure

Mid Test Marks

WELCOME TO STUDENT INFORMATION SYSTEM - Google Chrome
192.168.10.233:8080/mvrsis/Home/Login.jsp

03:13:01 PM
Saturday, November 21, 2015

MVR
M V R COLLEGE OF ENGINEERING & TECHNOLOGY
Welcome D SRINIVAS

Check Mail
You have 1 New messages

Mid Test Test

User: CSE14 Department: CSE
Branch: CSE Semester: 7A
Subject Code: 10A70501 Marks for: MID TEST 1

NOTE: Press TAB to move(don't press ENTER) and Enter 'A' for Absenties

Roll.No.	Roll.No.	Roll.No.	Roll.No.	Roll.No.
128H1A0501 35	128H1A0503 28	128H1A0505 18	128H1A0506 26	128H1A0507 17
128H1A0509 25	128H1A0510 18	128H1A0511 34	128H1A0512 25	128H1A0513 A
128H1A0514 11	128H1A0515 38	128H1A0516 35	128H1A0517 22	128H1A0519 17
128H1A0520 30	128H1A0521 23	128H1A0522 30	128H1A0523 A	128H1A0524 30
128H1A0525 17	128H1A0526 19	128H1A0527 25	128H1A0528 A	128H1A0529 24
128H1A0530 4	128H1A0531 33	128H1A0532 5	128H1A0533 40	128H1A0534 24
128H1A0535 25	128H1A0536 25	128H1A0537 31	128H1A0538 38	128H1A0539 21
128H1A0542 32	138H5A0501 0	138H5A0502 22	138H5A0503 A	

Submit
Go Back

Students list:

WELCOME TO STUDENT INFORMATION SYSTEM - Google Chrome
192.168.10.233:8080/mvrsis/Home/Login.jsp

03:13:13 PM
Saturday, November 21, 2015

MVR
M V R COLLEGE OF ENGINEERING & TECHNOLOGY
Welcome D SRINIVAS

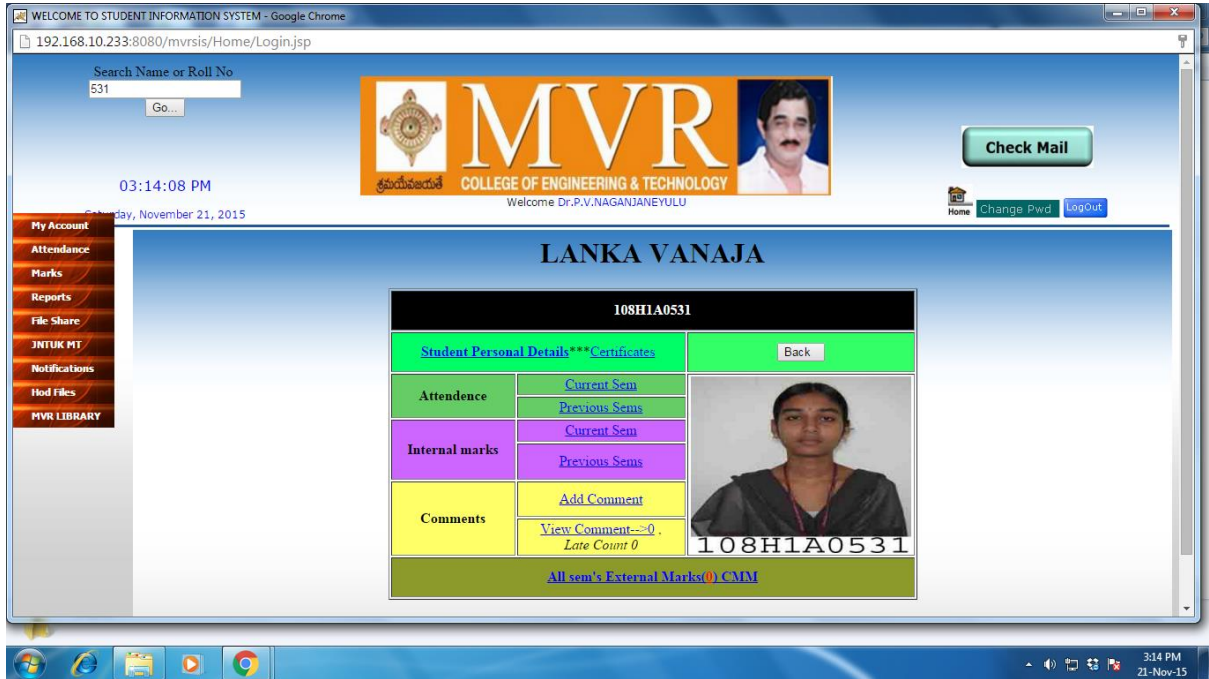
Check Mail
You have 1 New messages

Student List - 7A Sem, CSE

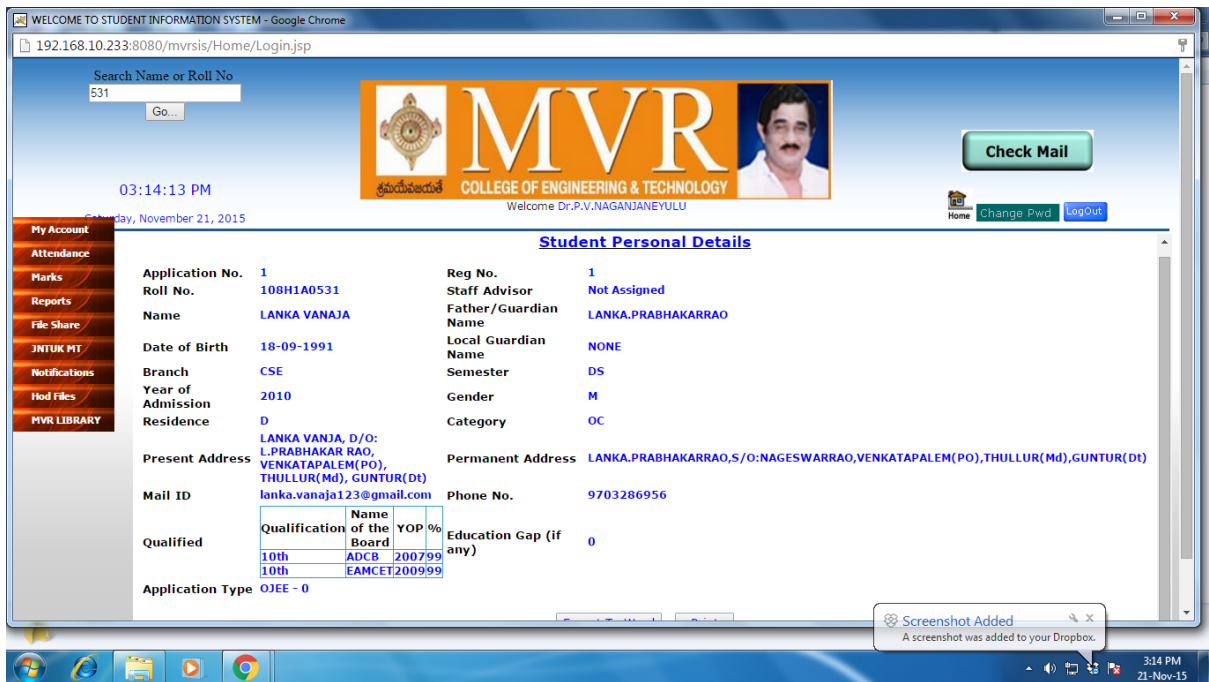
Sl.No	Roll.No	Student Name	Gender	Mail_ID	Phone No.	D/H	Address
1	128H1A0501	ADARI.LAKSHMI DURGA	F	admin@mvrcoe.ac.in	3333	D	D/O A SUBHRA MANI DNO: 77-85/1-10 BHARMA COLONY PAYAKAPURAM VIJAYAWADA KRISHNA DT. 520015
2	128H1A0503	ATTALURI SAI DIVYA	F	admin@mvrcoe.ac.in	3333	D	D/O A BHUPATHI RAO D NO 2-87 PARITALA PO KANCHIKACHERLA MD KRISHNA DT
3	128H1A0505	BELLAPU DIVYA MEGHANA	F	admin@mvrcoe.ac.in	3333	D	D/O B HARINADH RAO D NO: 24-28-6/24 EL RAO STREET DURGAPURAM VIJAYAWADA
4	128H1A0506	BOINA.SRI DIVYA	F	admin@mvrcoe.ac.in	3333	D	D/O B BHADRACHALAM D NO: 74-7-1/C OPP ASHA FUNCTION HALL PADAMATA LANKA DONKA ROAD KRISHNA DT
5	128H1A0507	BURULA DIVYA SAI	M	admin@mvrcoe.ac.in	3333	D	aaa
6	128H1A0509	GADIPARTHI.HARSHITHA	M	admin@mvrcoe.ac.in	3333	D	D/O G SRINIVASA RAO D NO: 1-428 KOTAHMETA MANGALAGIRI GUNTUR DT
7	128H1A0510	GARIKAPATI.SRAVANI	F	admin@mvrcoe.ac.in	3333	D	D/O G VENGAIAH CHOWDARY D NO: 76-8/1-7 OPP RTC WORK SHOP BHAVANIPURAM VIJAYAWADA KRISHNA DT
8	128H1A0511	GAVIRNI DIVYA SRI	M	admin@mvrcoe.ac.in	3333	D	D/O HANUMANTHA RAO NEAR AMAR MADICALS UNAGATLA POST CHAGALLU MANDAL
9	128H1A0512	GINGI.BHARATHI	M	admin@mvrcoe.ac.in	3333	D	D/O G RAMANA BABU DNO: 41-1/9-3 GOWTHAMI NAGAR KRISHNALANKA VIJAYAWADA KRISHNA DT

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Student basic information looks like:



Student personal details



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Student final marks report

WELCOME TO STUDENT INFORMATION SYSTEM - Google Chrome
 192.168.10.233:8080/mvrsis/Home/Login.jsp

03:15:01 PM
 Saturday, November 21, 2015

Check Mail

Home Change Pwd Logout

My Account
 Attendance
 Marks
 Reports
 File Share
 JNTUK MIT
 Notifications
 Hod Files
 MVR LIBRARY

S.No.	Roll.No.	Name	SEMS								Tot	Tot Credits	%	No of back logs								
			SEM1	SEM2	SEM3	SEM4	SEM5	SEM6	SEM7	SEM8												
			900	20825	18825	29825	29750	28750	28750	28600	28	2009/2850	134/112	70.49	0							
1	098H1A0559	RETURI ROJA					579	38	637	40	379	28	414	28	2009/2850	134/112	70.49	0				
2	098H1A0560	SHANMUKH RAMANABOYINA					444	30	424	20	347	28	298	20	1513/2850	98/112	53.09	9				
3	108H1A0501	ABHISHEK JONE BOYENA	497	18	470	16	455	25	486	29	306	20	319	16	304	12	369	28	3206/6225	164/208	51.50	12
4	108H1A0502	ALURI S N M SWETHA KUMARI	488	20	469	18	398	21	441	29	396	28	415	28	429	28	430	28	3466/6225	200/208	55.68	2
5	108H1A0503	APPALA V MURALI KRISHNA	548	20	516	18	466	29	499	29	405	28	445	28	452	28	417	28	3748/6225	208/208	60.21	0
6	108H1A0504	ATTALURI ANUSHA	598	20	551	18	532	29	492	29	412	28	458	28	444	28	440	28	3927/6225	208/208	63.08	0
7	108H1A0505	BATTULA SIRI VARSHA	540	20	550	18	485	29	507	29	452	28	424	28	452	28	429	28	3698/6225	208/208	61.67	0
8	108H1A0506	BUDAMAGUNTA V PAVAN KRISHNA AKHIL	589	20	559	18	577	29	638	29	560	28	577	28	589	28	519	28	4608/6225	208/208	74.02	0
9	108H1A0507	CHAKRAHARI MOUNIKA	628	20	543	18	452	29	485	29	412	28	436	28	452	28	440	28	3848/6225	208/208	61.82	0
10	108H1A0508	CHINTHALAPUDI MOHAN KUMAR YADAV	522	20	465	18	471	29	470	29	395	28	407	28	400	28	409	28	3539/6225	208/208	56.85	0
11	108H1A0510	DEREDLA NEERAJA	510	20	505	18	474	29	481	29	423	28	432	28	428	28	418	28	3671/6225	208/208	58.97	0
12	108H1A0511	DIVAKARUNI S LAKSHMI	659	20	640	18	649	29	596	29	542	28	553	28	556	28	463	28	4558/6225	208/208	73.22	0
13	108H1A0512	DONDAPATI PRATHYUSHA	581	20	592	18	542	29	557	29	467	28	486	28	480	28	450	28	4155/6225	208/208	66.75	0
14	108H1A0513	EDARA PRAVEEN	527	20	535	18	483	29	486	29	400	28	430	28	400	28	441	28	3702/6225	208/208	59.47	0
15	108H1A0514	EDARA.MANOJ KUMAR	562	20	642	18	497	29	512	29	480	28	514	28	454	28	423	28	4084/6225	208/208	65.61	0
16	108H1A0515	ELAPROLU LOHITHA	610	20	522	18	521	29	506	29	433	28	467	28	466	28	416	28	3941/6225	208/208	63.31	0
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18	108H1A0517	EVURI RAJESH	508	20	507	18	480	29	485	29	395	28	396	28	404	28	412	28	3587/6225	208/208	57.62	0
19	108H1A0518	GELLI NAGA VENKATA VINAY KUMAR	527	20	521	18	482	29	465	29	353	28	398	24	379	28	388	28	3513/6225	204/208	56.43	1
20	108H1A0519	GOGINENI ANUSHA	599	20	644	18	558	29	534	29	500	28	513	28	529	28	455	28	4332/6225	208/208	69.59	0
21	108H1A0520	GOTTIPATI JANNAVI	566	20	579	18	517	29	515	29	452	28	442	28	498	28	436	28	4005/6225	208/208	64.34	0
22	108H1A0521	GURRAM PUSPA HARITHA	531	20	536	18	519	29	503	29	439	28	484	28	458	28	443	28	3913/6225	208/208	62.86	0
23	108H1A0522	GUTTA SIVA PADMINI	480	18	410	14	404	21	468	29	386	28	401	24	429	28	438	28	3416/6225	190/208	54.88	6
24	108H1A0523	JAKKAMSETTI VAMSI	391	14	387	14	341	17	481	29	268	20	311	20	299	20	349	24	2827/6225	158/208	45.41	15

Student Semester marks list:

WELCOME TO STUDENT INFORMATION SYSTEM - Google Chrome
 192.168.10.233:8080/mvrsis/Home/Login.jsp

Search Name or Roll No
 531

03:15:36 PM
 day, November 21, 2015

Check Mail

Home Change Pwd Logout

My Account
 Attendance
 Marks
 Reports
 File Share
 JNTUK MIT
 Notifications
 Hod Files
 MVR LIBRARY

MVR:Paritala
 Department of CSE
 1 Semester

For any Changes or Updations Contact Exam Section or Principal

S.No.	Roll.No.	Name	R10101		R10107		R10105		R10104		R10103		R10102		R10108		R10109		R10110		R10111		Tot Marks	Tot Credits	No of Backlogs													
			IM	EM	Cr	IM	EM	Cr	IM	EM	Cr	IM	EM	Cr	IM	EM	Cr	IM	EM	Cr	IM	EM				Cr												
1	098H1A0559	RETURI ROJA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0	0	0													
2	098H1A0560	SHANMUKH RAMANABOYINA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0	0	0													
3	108H1A0501	ABHISHEK JONE BOYENA	16	26	2	10	12	0	17	38	2	11	44	2	13	36	2	9	32	2	20	37	2	17	36	2	23	40	2	13	47	2	497	18	1			
4	108H1A0502	ALURI S N M SWETHA KUMARI	12	33	2	7	35	2	14	37	2	12	28	2	12	29	2	10	30	2	15	40	2	15	40	2	17	37	2	20	40	2	13	47	2	488	20	0
5	108H1A0503	APPALA V MURALI KRISHNA	15	61	2	11	30	2	13	32	2	16	43	2	12	33	2	13	33	2	19	41	2	17	40	2	20	40	2	13	46	2	548	20	0			
6	108H1A0504	ATTALURI ANUSHA	18	50	2	16	42	2	19	26	2	17	45	2	16	50	2	13	33	2	21	43	2	22	42	2	20	46	2	13	46	2	598	20	0			
7	108H1A0505	BATTULA SIRI VARSHA	18	49	2	15	29	2	17	26	2	14	35	2	15	32	2	13	32	2	21	40	2	20	45	2	20	38	2	14	47	2	540	20	0			
8	108H1A0506	BUDAMAGUNTA V PAVAN KRISHNA AKHIL	18	59	2	12	31	2	15	34	2	16	41	2	12	46	2	10	50	2	22	41	2	17	42	2	20	42	2	13	48	2	589	20	0			
9	108H1A0507	CHAKRAHARI MOUNIKA	22	56	2	17	43	2	15	40	2	15	56	2	13	28	2	15	42	2	23	43	2	18	42	2	25	50	2	18	47	2	628	20	0			
10	108H1A0508	CHINTHALAPUDI MOHAN KUMAR YADAV	17	37	2	15	33	2	15	34	2	13	31	2	10	31	2	13	42	2	16	40	2	21	37	2	20	37	2	14	46	2	522	20	0			
11	108H1A0510	DEREDLA NEERAJA	16	36	2	13	27	2	15	32	2	14	26	2	15	29	2	13	39	2	17	40	2	20	41	2	20	38	2	13	46	2	510	20	0			
12	108H1A0511	DIVAKARUNI S LAKSHMI	17	66	2	18	46	2	16	37	2	15	51	2	17	51	2	20	45	2	23	40	2	22	40	2	20	48	2	19	48	2	659	20	0			
13	108H1A0512	DONDAPATI PRATHYUSHA	15	51	2	14	29	2	17	38	2	15	26	2	15	50	2	13	34	2	23	42	2	21	48	2	20	48	2	15	47	2	581	20	0			
14	108H1A0513	EDARA PRAVEEN	17	34	2	12	40	2	11	32	2	11	41	2	12	32	2	13	35	2	17	36	2	23	40	2	20	40	2	14	47	2	527	20	0			
15	108H1A0514	EDARA.MANOJ KUMAR	18	39	2	12	58	2	15	26	2	13	39	2	15	27	2	17	35	2	20	43	2	19	42	2	22	42	2	13	47	2	562	20	0			
16	108H1A0515	ELAPROLU LOHITHA	18	65	2	15	51	2	15	50	2	15	51	2	15	27	2	14	27	2	24	42	2	18	43	2	20	41	2	13	46	2	610	20	0			

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Library issued books report

The screenshot shows the 'Reports' section of the MVR Student Information System. The page header includes the MVR logo, the text 'COLLEGE OF ENGINEERING & TECHNOLOGY', and a welcome message for Dr. P.V. NAGANJANEYULU. The time is 03:16:00 PM on Saturday, November 21, 2015. A sidebar on the left contains navigation links: My Account, Attendance, Marks, Reports, File Share, JNTUK MT, Notifications, Hod Files, and MVR LIBRARY. The main content area is titled 'Reports' and contains several radio button options with associated input fields: 'List All Issued Books Since' (set to 15 days), 'LIST OF ALL Transactions On' (21/11/2015), 'LIST OF ALL Issued Books On' (21/11/2015), 'LIST OF ALL Returned Books On' (21/11/2015), 'Total Fine Amount From' (21/11/2015) to (21/11/2015), 'Track Record Of Book' (00001), and 'Track Record Of Student/Faculty' (EEE01). A 'Submit' button is located below the form. A 'Check Mail' button is visible in the top right corner. A 'Screenshot Added' notification is present in the bottom right corner of the browser window.

Notification form of SIS

The screenshot shows the 'Post new Noification' form in the MVR Student Information System. The page header is identical to the previous screenshot. The sidebar on the left is also present. The main content area is titled 'Post new Noification' and contains a form for posting a notification. The form includes a 'Select Group' dropdown menu with 'Faculty' selected, and a 'Message' text area. Below the message area are 'Submit' and 'preview' buttons. A 'Check Mail' button is visible in the top right corner. A 'Screenshot Added' notification is present in the bottom right corner of the browser window.

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Materials upload by faculty report



The screenshot shows a web browser window displaying the MVR Student Information System. The page header includes the MVR logo, the text 'COLLEGE OF ENGINEERING & TECHNOLOGY', and a welcome message for Dr. P.V. NAGANJANEYULU. A sidebar on the left contains navigation links such as 'My Account', 'Attendance', 'Marks', 'Reports', 'File Share', 'JNTUK MT', 'Notifications', 'Hod Files', and 'MVR LIBRARY'. The main content area features a table with the following data:

Uploaded by Faculty	Subject	Branch and Sem	Description	Download	Date and Time of Upload
D SRINIVAS	Advanced Java and Web Technologies Lab	CSE sem 6	AJWT LAB MANUVAL	Download	2015-04-17 13:11:09.0
MRS.T. VIJAYA LAKSHMI		ECE sem 1	Unit 1 Student Notes	Download	2015-01-23 15:30:00.0
D SRINIVAS	OPERATIONG SYSTEMS	CSE sem 5	Deadlock	Download	2014-12-06 11:25:43.0
N.MADHU BINDU		CSE sem 1	DS Lab	Download	2014-10-30 11:06:56.0

Faculty List

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Employee List - CSE Department

S.No.	Emp.No.	Emp.Code	Employee Name	Qualification	Designation
1	1	CSE01	MR.K.RAM BABU	M.Tech	Asst.Prof
2	2	CSE02	MR.A.KALYAN KUMAR	M.Tech	Asst. Prof
3	3	CSE03	MR. P.B.V.N. PRASAD	M.Tech	Asso. Prof
4	4	CSE04	MRS P. GAYATHRI	M.Tech	Asst. Prof
5	5	CSE05	MR Y. KIRAN	M.Tech	Asst. Prof
6	6	CSE06	Ms. V. Jhansi Laksmi	M.Tech	Asst. Prof
7	7	CSE07	MR.CH. HEMANANDH	M.Tech	Asst. Prof
8	8	CSE08	MR. G.JAMESON	M.Tech	Asst. Prof
9	9	CSE09	MS. M.LAVANYA	M.Tech	Asst. Prof
10	10	CSE10	MR. Y. SIVA RAMAIAH	M.Tech	Asst. Prof
11	11	CSE11	Ms. T. Sukanya	M.Tech	Asst. Prof
12	12	CSE12	MR. KAASIM PERA	B.Tech	Asst. Prof
13	214	CSE14	D SRINIVAS	M.Tech.(P.hD)	Associate professor
14	999	CSE13	M.CHANDRA SEKHAR	M.Tech	Asst.Prof
15	1111	CSE16	MRS. CH.NIHARIKA	M.Tech	LECT
16	1112	CSE15	N.MADHU BINDU	B.Tech(M.Tech)	Asst.Professor
17	1113	CSE17	T.BINDU MADHAVI	M.Tech	ASSISTANT PROFESSOR
18	3224	LAB1	SUDHEER	ddd	dddd

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Search for a student based on Regd. Number

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Roll NO	Student Name	Father Name
108HIA0531	LANKA VANAJA	LANKA PRABHAKARRAO
118HIA0531	RABILLI SIVA	RABILLI KRISHNA
128HIA0531	REKHAPALLI DURGA DINESH	R.SUBRAHMANYAM
138HIA0531	MUTTAVARAPU SRAVANI	VENKATESWARA RAO
148HIA0531	PALAGANI L MANISHA	SRINIVASA RAO
158HIA0531	PRATHIPATI SUSMITHA	PRATHIPATI VIJAYA KRISHNA

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Class Test marks

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Monday, November 21, 2015

MVR
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Class Test Marks

RollNo:	138H1A0531	Name:	MUTTAVARAPU SRAVANI	Branch:	CSE	Sema:	5A
Subject Code	SUB NAME	MID 1	Quiz I	MID 2	Quiz II	Max	25
1RT31051	Compiler Design	13(SDM=5)	5(SDM=3)	12(SDM=5)	5(SDM=3)	8 *	MID 2 **
1RT31052	Data Communication	10(SDM=4)	5(SDM=3)	12(SDM=5)	5(SDM=3)	8 *	MID 2 **
1RT31053	Principles of Programming Languages	11(SDM=5)	5(SDM=3)	13(SDM=5)	5(SDM=3)	8 *	MID 2 **
1RT31054	Database Management Systems	7(SDM=3)	5(SDM=3)	12(SDM=5)	5(SDM=3)	8 *	MID 2 **
1RT31055	Operating Systems	12(SDM=5)	5(SDM=3)	8(SDM=3)	5(SDM=3)	8 *	MID 1 **
R3156	IPR and Patents	--(SDM=0)	--(SDM=0)	--(SDM=0)	--(SDM=0)	0 *	MID 2 **
R315A	Compiler Design Lab	22(SDM=8)	--(SDM=0)	--(SDM=0)	--(SDM=0)	9 *	MID 1 **
R315B	Database Management Systems Lab	20(SDM=8)	--(SDM=0)	--(SDM=0)	--(SDM=0)	8 *	MID 1 **
R315C	Linux Programming Lab	--(SDM=0)	--(SDM=0)	--(SDM=0)	--(SDM=0)	0 *	MID 2 **
R315D	Operating Systems Lab	25(SDM=10)	--(SDM=0)	--(SDM=0)	--(SDM=0)	10 *	MID 1 **
R315E	Seminar	--(SDM=0)	--(SDM=0)	--(SDM=0)	--(SDM=0)	0 *	MID 2 **

NOTE:SDM-> Scale Down Marks ; For any Discrepancy contact HOD.

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Marks list of student

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SEMESTER : 1 BRANCH:CSE Reg No:138H1A0531

S.No	SUB CODE	SUBJECT	IM	EM	Tot	Credit	Cumulative SUM
1	R13101	English-1	18	24	42	3	42
2	R13102	Mathematics ? I	21	24	45	3	87
3	R13104	Engineering Chemistry	16	30	46	3	133
4	R13105	Computer Programming	17	24	41	3	174
5	R13106	Environmental Studies	18	28	46	3	220
6 @ 2	R13110	Engineering Mechanics	15	30	45	3	265
7	R13111	English - Communication Skills Lab - I	18	45	63	2	328
8	R13115	Engineering Chemistry Laboratory	21	46	67	2	395
9	R13116	C Programming Lab	19	40	59	2	454
Sem 1:			Credits 24/24		Marks:454/825	% :55.03	
Upto Sem 1			Credits 24/24		Marks:454/825	% :55.03	

SEMESTER : 2 BRANCH:CSE Reg No:138H1A0531

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Attendance report in SIS

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MVR COLLEGE OF ENGINEERING & TECHNOLOGY
Welcome Dr.P.V.NAGANJANEYULU

MVR COE : PARITALA
Department of CIVIL
5A Semester

Roll.No.	Name	IDPRPI	CH	CA	%	CH	CA	%	CH	CA	%	CH	CA	%	CH	CA	%	CH	CA	%	CH	CA	%	CH	CA	%	Over All	%
138H1A0102	ADIVI LOKESH KUMAR	1	1	100	80	60	75	65	47	72	76	60	79	67	47	70	52	74	39	77	33	27	82	431	324	75		
138H1A0103	ALURI SRIKANTH	1	1	100	80	49	61	65	38	58	76	65	86	67	41	61	70	46	66	39	24	62	33	27	82	431	291	68
138H1A0104	AREPALLI JOGESH KUMAR	1	1	100	80	58	73	65	48	74	76	59	78	67	48	72	70	49	70	39	36	92	33	27	82	431	326	76
138H1A0105	BALLAMUDI ANAND KUMAR	1	1	100	80	41	51	65	38	58	76	50	66	67	32	48	70	44	63	39	24	62	33	21	64	431	251	58
138H1A0106	BANDLA PRADEEP SAI	1	1	100	80	40	50	65	20	31	76	44	58	67	6	9	70	38	54	39	18	46	33	12	36	431	179	42
138H1A0107	BASHWAN MANO YASASWI VAVILALA	1	1	100	80	76	95	65	58	89	76	63	83	67	62	93	70	60	86	39	39	100	33	27	82	431	386	90
138H1A0108	BEVARA SIVA SAI KRISHNA TEJESH	1	1	100	80	72	90	65	59	91	76	65	86	67	58	87	70	61	87	39	100	33	18	55	431	373	87	
138H1A0109	BODDAPATI V L NARASIMHAM	1	1	100	80	67	84	65	56	86	76	63	83	67	53	79	70	56	80	39	36	92	33	30	91	431	362	84
138H1A0111	BOMMIDI LAKSHMANA BABU	1	1	100	80	59	74	65	52	80	76	63	83	67	50	75	70	47	67	39	30	77	33	30	91	431	332	77
138H1A0112	CHALLA HARI SRAVAN	1	1	100	80	75	94	65	56	86	76	69	91	67	61	91	70	60	86	39	33	85	33	27	82	431	382	89
138H1A0113	CHALLA SREENU	1	1	100	80	69	86	65	55	85	76	68	89	67	54	81	70	58	83	39	36	92	33	30	91	431	371	86
138H1A0114	CHALLAPALLI ANIL	1	1	100	80	60	75	65	52	80	76	56	74	67	51	76	70	48	69	39	36	92	33	30	91	431	334	77
138H1A0115	CHANUMOLU RANADEEP	1	0	0	80	66	83	65	47	72	76	67	88	67	50	75	70	55	79	39	27	69	33	27	82	431	339	79
138H1A0116	CHEBROLU DURGA PRASAD	1	1	100	80	62	78	65	46	71	76	62	82	67	41	61	70	48	69	39	36	92	33	21	64	431	317	74
138H1A0117	CHEDELLA CHIRUKESH	1	1	100	80	79	99	65	61	94	76	71	93	67	64	96	70	62	89	39	39	100	33	30	91	431	407	94
138H1A0118	CHENINURI NAGA BHUSHANAM	1	1	100	80	67	84	65	56	86	76	62	82	67	50	75	70	57	81	39	36	92	33	27	82	431	356	83
138H1A0119	CHOKKA UDAY BHASKAR	1	0	0	80	52	65	65	47	72	76	62	82	67	41	61	70	49	70	39	36	92	33	24	73	431	311	72
138H1A0120	DAMARLA SUNIL KUMAR	1	1	100	80	46	58	65	51	78	76	56	74	67	50	75	70	50	71	39	30	77	33	24	73	431	308	71
138H1A0121	DEVAKOTA ESWARA RAO	1	0	0	80	64	80	65	52	80	76	60	79	67	39	58	70	48	69	39	33	85	33	24	73	431	320	74
138H1A0123	DONE KARUNAKAR	1	0	0	80	59	74	65	47	72	76	61	80	67	41	61	70	54	77	39	24	62	33	30	91	431	316	73
138H1A0124	GANJI PUNITHA RAO	1	1	100	80	55	69	65	45	69	76	60	79	67	51	76	70	50	71	39	27	69	33	24	73	431	313	73
138H1A0125	GANTA DURGA PRASAD	1	1	100	80	61	76	65	52	80	76	66	87	67	47	70	70	58	83	39	36	92	33	24	73	431	345	80
138H1A0126	GORIPARTHY V MOHAN VIKAS	1	1	100	80	72	90	65	53	82	76	62	82	67	47	70	70	58	83	39	36	92	33	30	91	431	359	83
138H1A0127	GUDAPATI ANVESH	1	1	100	80	62	78	65	44	68	76	68	89	67	48	72	70	55	79	39	30	77	33	27	82	431	335	78
138H1A0128	GUDURU VINAY KUMAR REDDY	1	1	100	80	69	86	65	59	91	76	70	92	67	58	87	70	59	84	39	36	92	33	27	82	431	379	88

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MVR COLLEGE OF ENGINEERING & TECHNOLOGY
Welcome Dr.P.V.NAGANJANEYULU

MVR COLLEGE OF ENGINEERING AND TECHNOLOGY: Paritala
Department of CIVIL
5A Semester

Sl No	Roll.No.	Name	R3116					JRT31012					JRT31014											
			MID1	OB1	MID2	OB2	A1,A2 Avg	Max(30)	MID1	OB1	MID2	OB2	A1,A2 Avg	Max(30)	MID1	OB1	MID2	OB2	A1,A2 Avg	Max(30)				
1	138H1A0102	ADIVI LOKESH KUMAR	11	--	10	--	05.05	5	16	13	8~4	01	7~4	5.5	5	22	11	9~5	14	8~4	5.5	5	23	
2	138H1A0103	ALURI SRIKANTH	10	--	00	--	05.05	5	15	09	2~1	01	4~2	4.4	4	14	09	8~4	08	5~3	4.4	4	17	
3	138H1A0104	AREPALLI JOGESH KUMAR	09	--	10	--	05.05	5	15	07	4~2	03	7~4	4.4	4	13	08	7~4	13	3~2	4.4	4	19	
4	138H1A0105	BALLAMUDI ANAND KUMAR	A	--	A	--	05.05	5	5	A	--	0	A	--	4.0	2	2	11	5~3	A	--	4.0	2	16
5	138H1A0106	BANDLA PRADEEP SAI	A	--	A	--	04.00	2	2	10	2~1	A	--	4.0	2	13	05	6~3	A	--	2.0	1	9	
6	138H1A0107	BASHWAN MANO YASASWI VAVILALA	10	--	11	--	05.05	5	16	12	7~4	03	4~2	5.5	5	21	14	4~2	14	7~4	5.5	5	23	
7	138H1A0108	BEVARA SIVA SAI KRISHNA TEJESH	11	--	12	--	04.05	5	17	08	10~5	15	9~5	5.5	5	25	14	6~3	08	4~2	5.5	5	22	
8	138H1A0109	BODDAPATI V L NARASIMHAM	11	--	10	--	05.05	5	16	11	9~5	11	7~4	5.5	5	21	14	8~4	13	7~4	5.5	5	23	
9	138H1A0111	BOMMIDI LAKSHMANA BABU	09	--	A	--	05.05	5	14	12	11~6	01	6~3	5.4	5	23	08	4~2	14	5~3	5.5	5	22	
10	138H1A0112	CHALLA HARI SRAVAN	11	--	11	--	05.05	5	16	10	8~4	12	7~4	5.5	5	21	11	4~2	14	5~3	5.5	5	22	
11	138H1A0113	CHALLA SREENU	11	--	11	--	05.05	5	16	10	6~3	02	1~1	4.4	4	17	08	6~3	14	8~4	4.4	4	22	
12	138H1A0114	CHAI I APAI I T ANTI	09	--	08	--	05.05	5	14	10	7~4	02	7~4	4.5	5	19	11	4~2	06	8~4	4.4	4	17	

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.

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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.

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- **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.

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- 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.

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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 skepticism, 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.

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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:

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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

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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

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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.B.Suresh Babu

Name of the Institution: MVR College of Engineering Technology

Pin Code: 521180

Accredited Status: Applying

Work Phone: 08678-201155

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- 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

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 the internal discussions, and no part therefore has been outsourced.

Place: **PARITALA**

Date: **10/11/2020**




Principal

PRINCIPAL
MVR College of Engineering & Technology
PARITALA, VIJAYAWADA-521180