



## Yearly Status Report - 2019-2020

Part A	
<b>Data of the Institution</b>	
1. Name of the Institution	V.S.M COLLEGE OF ENGINEERING
Name of the head of the Institution	Dr.P.Venkateshwar
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08857246400
Mobile no.	7729972264
Registered Email	principal@vsm.edu.in
Alternate Email	vsmcoe@gmail.com
Address	Main Road Ramachandrapuram
City/Town	Ramachandrapuram
State/UT	Andhra Pradesh
Pincode	533255
<b>2. Institutional Status</b>	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	M.V RAMANA

Phone no/Alternate Phone no.	08857246400
Mobile no.	7729972281
Registered Email	principal@vsm.edu.in
Alternate Email	naac@vsm.edu.in

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.vsm.edu.in/engineering">http://www.vsm.edu.in/engineering</a>
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	<a href="http://www.vsm.edu.in/engineering">http://www.vsm.edu.in/engineering</a>

### 5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.63	2017	12-Sep-2017	11-Sep-2022

6. Date of Establishment of IQAC	09-Oct-2017
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### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/beneficiaries
No Data Entered/Not Applicable!!!		

No Files Uploaded !!!

### 8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT /ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				

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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
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Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
iqac	
No Files Uploaded !!!	
<b>13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year</b>	
<b>Plan of Action</b>	<b>Achivements/Outcomes</b>
No Data Entered/Not Applicable!!!	
No Files Uploaded !!!	
<b>14. Whether AQAR was placed before statutory body ?</b>	No
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes
Date of Visit	02-Jul-2020
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2019
Date of Submission	30-Aug-2019

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	MIS

## Part B

### CRITERION I - CURRICULAR ASPECTS

#### 1.1 - Curriculum Planning and Implementation

##### 1.1.1 - Institution has the mechanism for well planned curriculum delivery and documentation

Academic Planning & Curriculum delivery VSM College of Engineering has a Curriculum Committee consisting of Chairperson and Program coordinators. It identifies gaps, industry expectations, emerging skills, knowledge enhancement and designing of new courses in this backdrop, planning and conduct of courses for enhancement are undertaken by this committee. Academic calendar is prepared to meet objectives of the curriculum delivery. VSM CoE is affiliated to JNTU Technological University, Kakinada, A.P., and follows the curriculum of JNTU University. The Institution Academic Calendar is finalized in alignment with the calendar. Annual Calendar of events is prepared which consists of Field tours and projects. Lectures are scheduled for connecting theory and academics. Before the start of every academic session, Principal, Vice-Principal, Academic Dean, Heads of all the Departments, and faculty members which covers following points: Teaching Load Distribution (Teaching load is appropriately allotted among the faculty members. Competency mapping is done at department level to ensure the teachers to handle the courses based on their expertise. Time table is prepared as per the teaching scheme of JNTU University as per requirement by the Time-Table Committee. Time table prepared at class wise - class wise as a matrix structure. Preparation for Courses (Theory & Practical) and Tutorial Plans are prepared by the subject teachers at the start of every semester. Lesson plan is prepared by the subject teachers at the start of lecture. Course files are prepared by all faculty members. Academic calendar, Teaching Plan, Tutorial Plan, Program Outcomes and Course Outcomes, CO-PO(s), CO-PSO(s) Mapping & Attainment, Assessment Tests (CAT) question Bank, Assignment Questions, Univeristy model solution, CAT & Sessional examination question papers, slow students etc. Teaching Learning Process: Each department has its own Mission which matches with the Institutional Vision and Mission. Learning Outcomes are defined for each program. To complement the conventional teaching, departments emphasize on following practices: Eminent academicians are invited for delivering guest lectures on current trends in curriculum. The use of ICT enabled Class rooms for Video lectures, NPTEL. The college provides 16 certificate/diploma and 77 value education courses with industry experts to understand the industry needs, visit to industry as Trainee for practical exposure. Conferences, Workshops, seminars are organized. Training of teachers for new courses through orientation and online courses. Study groups for courses are formed for peer-discussion/Technical quiz/Surprise test. Classes are conducted to improve employability and preparation of GATE/IES. Action plan for ensuring

delivery <sup>PO</sup> Effective implementation of curriculum is periodically and college academic committee. Progresses of the syllabus covered obtained from the faculty through Lesson plan. <sup>PO</sup> Continuous assessment through academic review which is taken every fortnightly. Dean Academic report, communicates the discrepancies if found to Head of necessary action for the improvement. <sup>PO</sup> Academic Audit is conducted at Institute level by IQAC to verify the content of course file, Laboratory Conduct. <sup>PO</sup> Academic feedback is taken from the students parameters to improve teaching learning process. Feedback is communicated to faculty for necessary corrective measures. <sup>PO</sup> The attainment of students is calculated using direct and indirect assessment tools. <sup>PO</sup> Remedial classes for academically slow learners. <sup>PO</sup> For effective understanding of the pedagogical practices are used. <sup>PO</sup> Guest lectures, workshops, seminars and training programs related to subjects are organized for effective learning subject and attainment of Pos. <sup>PO</sup> Laboratories have standard operating procedures to perform innovative experiments and additional topics beyond syllabus is taken for every subject from the students to analyze their understanding. Evaluation and review based on results, feedback, placements at department level. External Audit is conducted once a year and a curriculum delivery.

#### 1.1.2 - Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	employability
Data Communication	CSE05C10	16/08/2019	45	entrepreneurship
MACHINE LEARNING	EE-CC02	01/07/2019	45	entrepreneurship
REVIT	CE-CC01	10/02/2020	7	entrepreneurship
Total Station	CE-CC02	31/01/2020	7	entrepreneurship
Artificial Intelligence in CIVIL Engineering	CE-CC03	02/03/2020	7	entrepreneurship
ARC GIS	CE-CC04	21/10/2019	7	entrepreneurship
Staad.Pro	CE-CC05	03/09/2019	7	entrepreneurship
BIM	CE-CC06	22/07/2019	7	entrepreneurship
CLOUD COMPUTING	EE-CC01	15/06/2019	15	entrepreneurship
PROGRAMMABLE LOGIC CONTROLLERSAPPLICATIONS	EE-CC03	15/06/2019	45	entrepreneurship
INDUCTION MOTORS	EE-CC04	20/11/2019	45	entrepreneurship
VLSI DESIGN	EE-CC05	27/01/2020	45	entrepreneurship
Advanced Java	CSE05C07	27/01/2020	45	entrepreneurship
Human Computer Interaction	CSE05C11	16/08/2019	45	entrepreneurship
Artificial Intelligence	CSE05C12	27/01/2020	45	entrepreneurship
IOT	CSE05C08	16/08/2019	45	entrepreneurship
MOBILE APPLICATION DEVELOPMENT	CSE05C09	27/01/2020	45	entrepreneurship
ROBOTICS	EE-CC06	20/11/2019	45	entrepreneurship

ROBOTICS PROCESS AUTOMATION	R16MECH-CC-301	15/06/2019	45	entre
CYBER SECURITY	R16MECH-CC-302	01/07/2019	45	entre
PIPE DESIGNING	R16MECH-CC-303	15/06/2019	45	skill
FUSION 360	R16MECH-CC-304	20/11/2019	45	entre
DIGITAL MANUFACTURING AND DESIGN	R16MECH-CC-305	18/12/2019	45	entre
HVAC	R16MECH-CC-306	20/11/2020	45	entre
ROBOTICS	ECE-EC01	01/06/2019	45	entre
MACHINE LEARNING	EE-CC02	01/07/2019	45	skill
BASIC ELECTRONICS FOR ARDUINO MAKERS	ECE-EC03	23/08/2019	45	entre
EMBEDDED SYSTEMS	ECE-EC06	29/11/2019	45	entre
HDL LANGUAGE	ECE-EC05	18/12/2019	45	entre
CLOUD COMPUTING	ECE-EC04	01/01/2020	45	entre

## 1.2 - Academic Flexibility

### 1.2.1 - New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization
<b>No Data Entered/Not Applicable !!!</b>	

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### 1.2.2 - Programmes in which Choice Based Credit System (CBCS)/Elective course system imple applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of
BTech	CIVIL ENGINEERING	
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	
BTech	MECHANICAL ENGINEERING	
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	
BTech	COMPUTER SCIENCE AND ENGINEERING	
Mtech	VLSI & ES	
Mtech	COMPUTER SCIENCE AND ENGINEERING	

### 1.2.3 - Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate
Number of Students	1703

### 1.3 - Curriculum Enrichment

#### 1.3.1 - Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction
Internatinal yoga day	21/06/2019
Morals and Ethical values	02/10/2020
INTERNATIONAL YOGA DAY	21/06/2019
HEART YOGA CERTIFICATION COURSE	18/07/2019
HEART OF YOGA	18/07/2019
INTERNATIONAL YOGA DAY	21/06/2019
BLOOD GROUPS TESTING	17/09/2019
GOAL SETTING AND TIME MANAGEMENT	18/12/2019
Internatinal yoga day	21/06/2019
Personality development	10/02/2020

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#### 1.3.2 - Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled
BTech	CSE	

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### 1.4 - Feedback System

#### 1.4.1 - Whether structured feedback received from all the stakeholders.

Students

Teachers

Employers

Alumni

Parents

#### 1.4.2 - How the feedback obtained is being analyzed and utilized for overall development of t

##### Feedback Obtained

Faculty Performance Appraisal and Development System The Faculty P  
Principal through HOD for every Academic year with the use of self  
members of Higher Educational Institutions today have to perform a  
pertaining to diverse roles. In addition to instruction, Faculty m  
conduct research for their self-renewal, keep abreast with changes  
expertise for effective implementation of curriculum. They are als  
services to the industry and community for understanding and contr  
real life problems in industry. Another role relates to the should  
responsibilities and cooperation with other Faculty, Heads-of-Depa  
Institute. An effective performance appraisal system for Faculty i  
contribution of individual Faculty to institutional performance. T  
• A well-defined system for faculty self appraisal and every asses  
students of B.Tech are informed to provide their feedback on the s



prescribed proforma given to them frequently. This will be of great help to enhance the quality of learning. The student feedback is collected at the commencement of class work and during the last week of the semester. This helps to understand the problems of students, syllabus coverage, effectiveness of teaching. Feedback from alumni on curriculum is obtained when they attend the department concerned periodically. In some cases feedback is received through correspondence. Based on the feedback, the necessary recommendations are sent to the Board of Studies for discussion and approval. One member is also appointed in each department. Feedback from Parents : During Parents' meetings, the faculty to know about the academic performance, regularity, conduct of their wards and they provide such information about the usefulness or suggestions of their wards. Feedback from Peers : The College gets feedback from Resource Persons, Members of Inspection Commission and External Examiners. Special invitees to the seminars, symposium and workshops are invited on campus to enrich the curriculum. Industrial Experts Each Board of Industry Expert. His / Her elucidations on the requirements of industry are taken for consideration while revising the curriculum.

## CRITERION II - TEACHING- LEARNING AND EVALUATION

### 2.1 - Student Enrolment and Profile

#### 2.1.1 - Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of students enrolled
BTech	ECE	120	
BTech	CSE	120	
Mtech	CSE	18	
Mtech	VLSI&ES	18	
BTech	CIVIL	60	
BTech	EEE	60	
BTech	MECHANICAL	120	

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### 2.2 - Catering to Student Diversity

#### 2.2.1 - Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of teachers at institution (Total)
2019	153	13	137	

### 2.3 - Teaching - Learning Process

#### 2.3.1 - Percentage of teachers using ICT for effective teaching with Learning Management System (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of Classrooms



145	110	8	39
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[View File of ICT Tools and resources](#)

[View File of E-resources and techniques u](#)

2.3.2 - Students mentoring system available in the institution? Give details. (maximum 500 w

The VSM college of engineering, has been established by the State Government for teaching our students from rural areas lack proper academic background and financial backup. Mentoring feature to render equitable service to all our students having varied background. Student mentoring enhance teacher student contact hours b. To enhance students' academic performance and dropout rates d. To identify and understand the status of slow learners and encourage advanced service to students. The institute has followed the suggestions made by IQAC, Higher Technical Education (Madhya Pradesh) to introduce the mentoring system. The importance of integrating the system for a common resolution adopted by a meeting of teaching faculty. The system was promptly implemented and was first resolved in 2018. With a wide variation in the student population with regard to economic status the system promises to provide a better understanding of individual students and bring out the best to be the most effective method/weapon for mitigating cases of those students who are vulnerable. Implementation: The IQAC had taken the initiative of implementing the mentoring of students in the streams of studies and also according to their core subjects. They are divided into groups according to the number of students. Each group is assigned a teacher mentor who would perform mentoring. A Job chart and Guidelines is prepared by the IQAC to ensure uniformity. a. Mentors maintain a record which contains space for entering particulars and performance of students (class tests, monthly tests, etc.) collecting all necessary information, Mentors are expected to offer guidance and counselling. b. Mentors to meet students individually or in groups. d. In isolated cases parents are called for a meeting with the Principal at the suggestion of the Mentor. e. If a student is identified as weak in particular subject, the Mentor appraise the concerned subject teacher. Uniqueness: The institutional practice of Mentoring system is implemented - a. to be student centric b. to render equitable service to students of varied backgrounds. Constraints: With the introduction of continuous assessment under the Semester System, the system is implemented by Mentors. Evidence of Success: Though the system has only been implemented in the last few years, a strong teacher student relationship can be seen. The system has been useful in identifying slow learners. Through the requirement deduced through a careful examination of each Mentor's report, the College has identified Classes in the identified topics/subjects for slow learners. Targets are set for these

<b>Number of students enrolled in the institution</b>	<b>Number of fulltime teachers</b>
1030	145

## 2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during year
145	145	0	21

2.4.2 - Honours and recognition received by teachers (received awards, recognition, fellowship, etc. at level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the awarding body
2019	Mrs. Y VARA LAKSHMI	Assistant Professor	
2020	Mrs. A B CHANDRIKA	Associate Professor	

2020	Mr. M VENKATARAMANA	Associate Professor
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## 2.5 - Evaluation Process and Reforms

### 2.5.1 - Number of days from the date of semester-end/ year- end examination till the declara

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of
BTech	1A0	I-II	23/05/2020	
BTech	1A0	II-II	29/03/2020	
BTech	1A0	III-II	29/03/2020	
BTech	1A0	IV-II	29/03/2020	
BTech	1D6	I-II	17/05/2020	
BTech	1A0	I-I	21/12/2019	
BTech	1A0	II-I	15/10/2019	
BTech	1A0	III-I	15/10/2019	
BTech	1A0	IV-I	15/10/2019	
BTech	1D6	I-I	11/01/2020	

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### 2.5.2 - Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional lev

- **Centralized Continuous Internal Evaluation System:** Assessment of part of teaching and learning process. As a part of sound education institution adopts Centralized Continuous Internal Evaluation (CIE) system to assess various aspects of a student's development on a continuous basis throughout the semester. Evaluation Process: Students are made aware of the evaluation process through various initiatives:
  - The orientation programmes at the beginning of the semester address system of the college
  - Teaching Plan contains evaluation process through Tutorial Meetings
  - Display in the College and Institute Calendar with CIA Exam dates
  - Orientation on the changes and amendments in the evaluation process through Tutorial Meetings
  - Display in the College and Institute Result Analysis Review Meeting: Result Analysis is done by the class teacher. Test. Pass percentage of each course is calculated by dividing the number of students who appeared and passed in each course. The performance of the students is reviewed by the Principal and the necessary feedback is given to the concerned faculty members. conducts Review Meetings department wise to give necessary feedback to students' performance.
  - Progress Reports Parents Meetings: The progress of the students is monitored by the tutors and reports it to the Parents. Parents are advised to note the performance of their wards and take remedial measures if necessary, the tutor shall recommend the visit of the parent to the college about the student.
  - Remedial Classes are conducted for the slow learners. Remedial students who are participated in Sports, NSS activities and Practical work. Practice helps struggling learners to update their subject knowledge and catch up with their peers.
  - External examinations of three hours duration are conducted at the end of every semester for all the theory papers and practical papers. The eligibility criteria of 75 attendance in each semester to

Examination. The students who have arrears are permitted to write semester examinations. • Representation in the Board of Studies: appointed by the University act as the member of Board of Studies suggest evaluation reforms and discuss any discrepancy in the Past time of central valuation the examiners have the facilities to re-questions. The chairman of the valuation Board will take necessary Examinations are held for the final year students who have appeared the semester theory papers relating to completion of his/her degree /Revaluation: The students are informed of the Reappearing/Reconsideration available to them. Retotalling is permitted for U.G. students within stipulated time on payment of prescribed fee. Revaluation

### 2.5.3 - Academic calendar prepared and adhered for conduct of Examination and other related

The institution ensures effective time management and timeliness. given timeline and adheres to it. In the beginning of the academic published by the University for Respective Course. The college cannot stick to academic calendar. This allows the teachers and the students teaching and learning and regular assessment of the same. The test spaced intervals to avoid pressuring the students with too many exams year consists of two semesters. Each semester is to be of 16 weeks Internal Examination (CIE I) also known as MID I along with the Lab after 8 weeks of class work. CIE II (MID II) is conducted after 16 Within the above mentioned 8 weeks of class work, the concerned syllabus students. They are then tested on the same material. An average of calculated to attain the final internal marks of the student. These to decide the course of nature for teaching slow students and rectify before the external examination. All question papers are set based on are mapped with their respective course outcomes that are stated in course. The assignments given to the students involve unaddressed helps the students attain knowledge beyond the syllabus as these tests the exams conducted by the university but are still relevant. These within a set of time frame. The students are to complete them with to the university's timeline. Following the university calendar, e internal calendars to ensure timely delivery of syllabus. Every teacher agenda that is discussed and approved by the head of their respective followed by deducing a day-to-day division of topics and chapters. are chosen keeping the upcoming CIE in mind. The timeline created complete the given syllabus in enough time. The students are given examinations as well as to prepare and practice their concepts. In change, the university communicates the modification to the college the same. In any condition, the academic calendar is followed and all departments.

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Program outcomes, program specific outcomes and course outcomes for all programs and displayed in website of the institution (to provide the weblink)

<https://www.vsm.edu.in/engineering/civilugpeos>

2.6.2 - Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed
1A0	BTech	CIVIL	30	

1A0	BTech	EEE	54
1A0	BTech	MECHANICAL	94
1A0	BTech	ECE	108
1A0	BTech	CSE	107
1D5	Mtech	CSE	5
1D6	Mtech	VLSI&ES	4

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## 2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may details be provided as weblink)

<https://www.vsm.edu.in/engineering/sss.p>

## CRITERION III - RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

3.1.1 - Research funds sanctioned and received from various agencies, industry and other org

Nature of the Project	Duration	Name of the funding agency	Total sanctioned
Industry sponsored Projects	90	Sri Srinivasa Consultancy	0.00
Interdisciplinary Projects	90	VSM COLLEGE OF ENGINEERING	0.00
Industry sponsored Projects	90	Sri Srinivasa Consultancy	0.00
Any Other (Specify)	90	K.Satyanarayana	0.00
Interdisciplinary Projects	90	VSM COLLEGE OF ENGINEERING	0.00
Industry sponsored Projects	90	Sri Kara Automobiles Pvt Ltd	0.00
Any Other (Specify)	90	Farmers Association ,Rayavaram	0.00
Nil	90	Mrs.G.Satyaveni	0.00
Any Other (Specify)	90	Mr.Pampana Lakshman Rao	0.00
Industry sponsored Projects	90	VSM COLLEGE OF ENGINEERING	0.00

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### 3.2 - Innovation Ecosystem

3.2.1 - Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Acad year

Title of workshop/seminar

ONLINE WORK SHOP ONTEACHING LEARNING OF SOFTWARE APPLICATIONS OF  
MOBILE FLAT FORM

WORKSHOP ON ENGINEERING MATERIAL

MAT LAB WORKSHOP

CCNA WORKSHOP

EKALASALA

WORKSHOP ON VMWARE NETWORK VIRTUALIZATION

BASICS ON ELECTRONICS

AUTOCAD WORKSHOP

### 3.2.2 - Awards for Innovation won by Institution/Teachers/Research scholars/Students during

Title of the innovation	Name of Awardee	Awarding Agency	Date
IIC	Vsm college of engineering	MHRD Govt of india	11/0
ADVANCED LINEAR CONTINUOUS CONTROL SYSTEM	Mrs. Y VARA LAKHMI	IIT ROORKE	01/0
MICRO PROCESSORS AND INTERFACING	Mrs. A B CHANDRIKA	IIT GUWAHATHI	01/0
DATA MINING	Mr. M VENKATA RAMANA	IIT GUWAHATHI	01/0

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### 3.2.3 - No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up
IIC	VSM	VSM COLLEGE OF ENGINEERING	RFID and GSM Based door Lockingsystem Using Arduino
IIC	VSM	VSM COLLEGE OF ENGINEERING	Design And Fabrication Of Solar Powered Seed Sowing Machine

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### 3.3 - Research Publications and Awards

#### 3.3.1 - Incentive to the teachers who receive recognition/awards

State	National
3	3

#### 3.3.2 - Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number
CIVIL	

#### 3.3.3 - Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	A
International	CIVIL	10	

International	EEE	12	
International	MECH	23	
International	ECE	8	
International	CSE	20	
International	HBS	2	

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### 3.3.4 - Books and Chapters in edited Volumes / Books published, and papers in National/International Teacher during the year

Department	Number of Publications
CIVIL	4
EEE	6
MECH	9
ECE	5
CSE	5
HBS	2

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### 3.3.5 - Bibliometrics of the publications during the last Academic year based on average citation PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index
HIGH TEMPERATURE OXIDATION AND CORROSION STUDIES ON DISSIMILAR WELDMENTS IN AGGRESSIVE SOLUTION OF A Na <sub>2</sub> SO <sub>4</sub> V <sub>2</sub> O <sub>5</sub> ENVIRONMENT	K. BALAJI	International Research Journal of Engineering and Technology (IRJET)	2019	5

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### 3.3.6 - h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index
HIGH TEMPERATURE OXIDATION AND CORROSION STUDIES ON DISSIMILAR WELDMENTS IN AGGRESSIVE SOLUTION OF A Na <sub>2</sub> SO <sub>4</sub> V <sub>2</sub> O <sub>5</sub> ENVIRONMENT	K. BALAJI	International Research Journal of Engineering and Technology (IRJET)	2019	2

[View File](#)**3.3.7 - Faculty participation in Seminars/Conferences and Symposia during the year :**

Number of Faculty	International
Attended/Seminars/Workshops	7
Presented papers	102

[View File](#)**3.4 - Extension Activities****3.4.1 - Number of extension and outreach programmes conducted in collaboration with industrial Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year**

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in activities
EASSY WRITTING COMPETION ON MAHATMA GANDHI LIFE	VSM COLLEGE OF ENGINEERING/NGO	2
COMMUNITY OUTREACH PROGRAM	VSM COLLEGE OF ENGINEERING/NGO	2
NSS SPECIAL CAMP	VSM COLLEGE OF ENGINEERING/NGO	4
RALLY ON JUSTICE FOR DISHA	VSM COLLEGE OF ENGINEERING/NGO	15
NATIONAL CONSTITUTION DAY	VSM COLLEGE OF ENGINEERING/NGO	2
NATIONAL UNITY DAY	VSM COLLEGE OF ENGINEERING/NGO	3
CONSTRUCTION OF WATER HARVESTING PITS	VSM COLLEGE OF ENGINEERING/NGO	2
RALLY ON PLASTIC FREE INDIA ON THE OCCASION OF GANDHI JAYANTH	VSM COLLEGE OF ENGINEERING/NGO	2
NSS FOUNDATION DAY	VSM COLLEGE OF ENGINEERING/NGO	2
FOOD AND CLOTHES DONATION PROGRAMME	VSM COLLEGE OF ENGINEERING/NGO	2

[View File](#)**3.4.2 - Awards and recognition received for extension activities from Government and other**

Name of the activity	Award/Recognition	Awarding Body
NSS activities (one week)	certificate of recognition	Gramapanchayathi, F
Andhra Pradesh Digital Readiness	certificate of recognition	APSSDC



National level conference on DRUG Adiction	certificate of recognition	JNTUK
Republic day celebrations	certificate of recognition	JNTUK
Blood Donation camp at JntuK	certificate of recognition	JNTUK
Independece day celebrations at JNTUK	certificate of recognition	JNTUK
ELECTIONS	Certificate of appreciation	webcast of the poll pr general election of H
cycling and platation drive	Certificate of achievement	international manavata a excellence
Food Donation	Certificate of appreciation	J M BETHESTA NEW LJ
Out reach program in electrical wiring	letter of appreciation	Panchayati secretar

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3.4.3 - Students participating in extension activities with Government Organisations, Non-Gov programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency /collaborating agency	Name of the activity
INTERNATIONAL YOGA DAY	VSM COLLEGE OF ENGINEERING/NGO	INTERNATIONAL YOGA DAY
ANTI RAGGING	VSM COLLEGE OF ENGINEERING/NGO	ANTI RAGGING
INTERNATIONAL YOGA DAY	VSM COLLEGE OF ENGINEERING/NGO	INTERNATIONAL YOGA DAY
AIDS AWARENESS PROGRAM	VSM COLLEGE OFENGINEERING / NGO	AIDS AWARENESS PROGRAM
AWARENESS PROGRAM ON WOMEN SAFETY	VSM COLLEGE OF ENGINEERING/NGO	AWARENESS PROGRAM ON WOMEN SAFETY
AWARENESS PROGRAM ON ABOLISHING CRIME AND ROAD SAFETY	VSM COLLEGE OF ENGINEERING/NGOVSM COLLEGE OF ENGINEERING/NGO	AWARENESS PROGRAM ON ABOLISHING CRIME AND ROAD SAFETY
HEART YOGA CERTIFICATION COURSE	VSM COLLEGE OF ENGINEERING/NGO	HEART YOGA CERTIFICATION COURSE
ENVIRONMENT PROTECTION AWARENESS PROGRAM ON ECHO FRIENDLY GANESHA	VSM COLLEGE OF ENGINEERING/NGO	ENVIRONMENT PROTECTION AWARENESS PROGRAM ON ECHO FRIENDLY GANESHA

[View File](#)**3.5 - Collaborations****3.5.1 - Number of Collaborative activities for research, faculty exchange, student exchange d**

Nature of activity	Participant
WORKSHOP ON PLC (SEIMENS)	B. VENKATESH
WORKSHOP ON PLC (SEIMENS)WORKSHOP ON PLC (SEIMENS)	B.MANO HAR
WORKSHOP ON PLC (SEIMENS)	G. SAI KUMAR
WORKSHOP ON PLC (SEIMENS)	J.SUCHARITHA
WORKSHOP ON PLC (SEIMENS)	K. SATYA KALYAN
WORKSHOP ON PLC (SEIMENS)	M.RATNA KUMARI
WORKSHOP ON PLC (SEIMENS)	P. DIVYA SRI
WORKSHOP ON PLC (SEIMENS)	P.E.V.VENKATESH
WORKSHOP ON PLC (SEIMENS)	A.H.K.D. SRIKANTH
WORKSHOP ON PLC (SEIMENS)	A.HEMANTH SAI PRASAD

[View File](#)**3.5.2 - Linkages with institutions/industries for internship, on-the- job training, project work, during the year**

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Durat Fror
Internship	Internshala Student Partner	Internshala	13/07/
Internship	Internshala Student Partner	Internshala	18/05/
Internship	certificate of traning core java	Internshala trainings	15/06/

[View File](#)**3.5.3 - MoUs signed with institutions of national, international importance, other universities, during the year**

Organisation	Date of MoU signed	Purpose/Activities
SRI MANI AUTOMOBILES	25/12/2019	Training on "EQUIPMENTS USED IN POWER PLANTS
RAISE YOUR HANDS	01/06/2019	CONDUCTING AWARENESSPROGRAMME, ROAD SHOWS
SDVVL SURVEY SOLUTIONS	27/08/2019	CERTIFICATE COURSE on REVIT ARCHITECTURE

FERRO MECH ENGG	14/06/2019	WORKSHOP ON AUTOCAD HELP DESK
INDRA PRASTHA CONSTRUCTIONS	15/06/2019	TECHINICAL SEMINAR ON STAAD PRO
SIRI GENERAL STORES	15/06/2019	Introduction to Embedded systems And its applications

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## CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for
100000	

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	
Campus Area	
Laboratories	
Classrooms with LCD facilities	
Seminar halls with ICT facilities	
Classrooms with Wi-Fi OR LAN	

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### 4.2 - Library as a Learning Resource

4.2.1 - Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)
soul software	Fully

4.2.2 - Library Services

Library Service Type	Existing		Newly Added	
e-Journals	2	17400	0	0
Digital Database	1000	0	500	0
Text Books	19574	3883023	300	3215
Reference Books	2265	58196	200	4025
CD & Video	880	0	100	0
Journals	40	25000	0	0

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4.2.3 - E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala); MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learni

Name of the Teacher	Name of the Module	Platform on which module is developed
KALYAN	DDRC	DDRC

M V RAMANA	DATA MINING	CLASSIFICATION IN DATA MINI
M V RAMANA	DATA STRUCTURES	CLASSIFICATION OF DATA STRU
K SUREKHA	JAVA PROGRAMMING	JAVA PROGRAMMING
A V V SRINIVAS	EMI	EMI
P MANJUSHA	DCS	DCS
P SRIDEVI	PS-II	PS-II
Y APPARAO	ECA	ECA
A NARAYANA MURTHY	ANALOG COMMUNICATIONS	ANALOG COMMUNICATIONS
G PRASAD	FMHM	FMHM

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### 4.3 - IT Infrastructure

#### 4.3.1 - Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Depart
Existing	350	4	1	1	1	5	1.
Added	170	3	0	0	0	0	0
Total	520	7	1	1	1	5	1.

#### 4.3.2 - Bandwidth available of internet connection in the Institution (Leased line)

60 MBPS/ GBPS

#### 4.3.3 - Facility for e-content

Name of the e-content development facility	Provide the link of the videos and m
ERP	<a href="https://youtube.com/channel">https://youtube.com/channel</a>

### 4.4 - Maintenance of Campus Infrastructure

#### 4.4.1 - Expenditure incurred on maintenance of physical facilities and academic support facilities during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities
10000000	9688231.03	1000000

#### 4.4.2 - Procedures and policies for maintaining and utilizing physical, academic and support facilities in the campus, complex, computers, classrooms etc. (maximum 500 words) (information to be available in in

**LABORATORY :** The laboratories are furnished according to the status of the machines is done by the support team in the presence of lab in a check list. Before the commencement of the academic year, a report on the requirement of new equipment, replacement of the old of machines/software is prepared along with requirement of consumables the university guidelines to conduct experiments. Regular inspection In case of breakdown of equipment, the same is recorded in the attested by the HOD. Preventive maintenance and breakdown maintenance as to ensure maximum availability of the systems in the lab. Installation of firewall ensure that the software and system is secured. A daily software and hardware condition of the machines is undertaken. Breakdown maintenance

fails due to SMPS problem or boot failure is recorded in a register the technical support staff of the lab will rectify it. For major vendor is taken. Periodic maintenance is done by regular cleaning updates and antivirus updates. The stock is verified for the a discarded equipments, by a meticulous stock verification process by is maintained in labs as precautionary measure. CLASSROOM : The cle done every day. In case of any damage to the projector, internet class mentor brings it to the notice of the HOD by registering th register. The necessary follow up is done by the department and whatever is broken. SPORTS: Students are permitted to play only dur practice for any competition. Students are permitted to utilize an prior notice to the Physical Director. In case of any damage observ the register pending further action. LIBRARY: Books are issued on card. Issue of books is initially for a period of 10 days and bo before the due date stamped on the slip pasted on the book. If the next working day shall be the due date. Books which are in circula which are to be reserved will not be renewed and reissued. If the borrower replaces the books of the same edition or latest edition book after getting permission from the Principal. Loss of borrowe librarian in writing. After checking the borrowing register they card. Library borrower cards are valid for the respective

<https://www.vsm.edu.in/engineering/met4.4.2.php>

## CRITERION V - STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Scholarships and Financial Support

	Name/Title of the scheme	Num
Financial Support from institution	M S N SCHOLAR	
Financial Support from Other Sources		
a) National	Nil	
b) International	Nil	

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#### 5.1.2 - Number of capability enhancement and development schemes such as Soft skill develop lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled
EXTERNAL SOFTSKILLS TCS TRAINING	22/07/2019	77
INTERNAL SOFTSKILLS TRAINING	17/09/2019	92
APITA	17/02/2020	64

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#### 5.1.3 - Students benefited by guidance for competitive examinations and career counselling o year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of benefited students
2019	Competitive Exams	320	0	
2019	Career Counseling	0	360	

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5.1.4 - Institutional mechanism for transparency, timely redressal of student grievances, Prevailing cases during the year

Total grievances received	Number of grievances redressed	Avg. number of grievances redressed
10	10	

## 5.2 - Student Progression

5.2.1 - Details of campus placement during the year

On campus			Off campus	
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students placed
7	350	152	3	

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5.2.2 - Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of the organization
2019	1	B.Tech	ECE	VSM
2019	2	B.Tech	ECE	VSM COE ENGINEERING
2019	3	B.Tech	CSE	VSM COE ENGINEERING

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5.2.3 - Students qualifying in state/ national/ international level examinations during the year (GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualified
	No Data Entered/Not Applicable !!!

No file uploaded.

5.2.4 - Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level
Haatbazar	COLLEGE
Craft designing and pencil designing	COLLEGE

Flower decoration	COLLEGE
Singing	COLLEGE
Teachers day	COLLEGE
Freshers day	COLLEGE
Environment day	COLLEGE
Orientation day	COLLEGE
Independence day	COLLEGE
Ganesh chaturuthi	COLLEGE

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### 5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards Cultural
No Data Entered/Not Applicable !!!				

No file uploaded.

5.3.2 - Activity of Student Council & representation of students on academic & adm institution (maximum 500 words)

A student council is a representative structure that co-ordinates andextracurricular activities of the institution. Student cour committees ofseminars, conferences, workshops etc. The members of selected fromallthedepartments.Thestudentcouncilcollectsstudentfeedbackabout process of the college. The council also plans co-curricular ar institution nurtures students self governance capabilities givi runningthe day to day affairs of the college. Representative of problems and othergrievances on behalf of the students of the clas are members of variouscommitteeslike, IQAC, SPORTS, cultural, library, NSS, advisor ,Hostelcampusmaintenance, Ecoclubandotherimportantcommittees. Stuc student councils under the supervision of staff or admi aboutdemocraticprocess, civicresponsibility, problemsolvingskillsleac There are staff advisors to guide the students in the right di andefficient conduct of various activities planned by the student performdifferentroles in terms of healthy competitions in connecti whichthey are members. The aim of the council is to help studer meaningfulpursuits outside the co- curricular programme of the opportunities fortrainingas agoodcitizen

### 5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

Yes



VSM COLLEGE OF ENGINEERING, Ramachandrapuram was established in 2000 and passed out in 2013. An informal ALUMNI ASSOCIATION of VSM COLLEGE was formed in 2015. The students formed the Association with motto to maintain campus. In 2019 the college decided to initiate the formal registration of Alumni Association. To provide a forum to establish an association between students of the institute. To mentor the students of the Institute for the development of character and being good citizens. The institute encourages scholarships and render financial aid to needy and deserving students to promote the industry-institute interaction to bridge the gap between education offered and enhance student's employability. In search of opportunities to students and fellow Alumni members in need. To care for the welfare of the Alumni. To arrange and support in placement activities in the college. To encourage the students of the institute and members of the Alumni to do research and development work in various fields. To mould and guide the students towards self employment to become entrepreneurs. To help victims and victims of calamities and disasters like Earth quakes, flood, storms. Malnutrition, blood donation and health awareness camps. ALUMNI MEET: We all VSM have a tradition of inviting alumni for Annual Alumni meet in the college. The meet the Alumni get the opportunity to reconnect with the old friends and a platform for networking and sharing new trends and current happenings.

5.4.2 - No. of enrolled Alumni:

281

5.4.3 - Alumni contribution during the year (in Rupees) :

56200

5.4.4 - Meetings/activities organized by Alumni Association :

11-01-2020

## **CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT**

6.1 - Institutional Vision and Leadership

6.1.1 - Mention two practices of decentralization and participative management during the last year.

The vision of the Institution permeates and is manifested in the strategies and the goals of this institution. Such kind of visionary Strategy is implemented on either side of the cases like Students and its faculty of the organization. To attain good governance of the college, the Governing Body Uses various different institutional committees, In order to implement all the functions of different statutory and non-statutory bodies with designated role which has been assigned for good and better governance which also brings in the delegation of authority. Collectively Sketch out Opinions from the advisory committees to grant operational autonomy to the Departments and in the name of various committees of the institution. The recommendations of the committees including the advisory committees are implemented. However, the institution promotes the culture of participation at all levels of management, Dean, Principal, HOD's faculty non-teaching staff, and faculty is actively involved in planning and implementing the strategies. A calendar for effective teaching learning Process where the class is certainly done by the pupil centric methods. Alumni and parent representatives elucidate the information on the development of the institution and share their view as class representative and other events coordinated with the management to collect views for developing institution.

So as to reflect the vision and mission of the

6.1.2 - Does the institution have a Management Information System (MIS)?

Yes

## 6.2 - Strategy Development and Deployment

6.2.1 - Quality improvement strategies adopted by the institution for each of the following (w

Strategy Type	Details
Admission of Students	We follow a standard admission process wherein can with Physics Mathematics as major subjects and wi eligible to apply. The application form is submitt the fees via any AP online centers or credit/
Teaching and Learning	Introduction of special subjects as an elective s the college. Workshops, seminars, regular us contributed to enhancement of Teaching Learning. on Human Rights and Environmental studies has bee because of it value oriented value, has been con course initiative by the col
Curriculum Development	Curriculum is set by the University: Suggestions Projects and Tutorials (Dept. of English) were fo Academic mentoring of students is done
Examination and Evaluation	All year round evaluation through class test: Seminars/presentations keeps the students in tou also enhances and helps students grow in con: examinations. Results of internal examinations are The students also receive a hard copy of the resul to sign. Parent teacher meetings are conducted : attendance and are those who have not perfo:
Research and Development	The Research development Cell holds regular meetin Presentations were given to broaden the academ presentations of research done by students and presentations were conducted through
Industry Interaction / Collaboration	SWOC was conducted in collaboration with IQAC. The for making MOUS and field visits, student pro

6.2.2 - Implementation of e-governance in areas of operations:

E-governance area	Details
Student Admission and Support	VSM ERP Software - In House Development Fedia 560102, Ph. No: 8095671602, Mail Id: :
Examination	VSM ERP Software - In House Development JNT Collect for exam fee
Examination	Tally software, Laser computers, Kal
Administration	VSM ERP Software - In House Development B: cameras

## 6.3 - Faculty Empowerment Strategies

6.3.1 - Teachers provided with financial support to attend conferences / workshops and toward bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided
2019	K.Saroja Rani	3 Days Workshop on The Role of Industry an Academia in Building Institutions and Innovations, Anurag University
2019	V.Tanuja	3 Days Workshop on The Role of Industry an Academia in Building Institutions and Innovations, Anurag University
2019	B.Srikalyan	3 Days Workshop on NAAC Assessment and Accreditation: A Step by Step Process, GATES Institute of Technology.
2019	M. Aravind Naga Sai	A Three Day National Workshop on Computational Fluid Dynamics-CFD using ANSYS Fluent( Hands on practice), V.S.M College of Engineering, Ramachandrapuram
2019	A.Babji	A Three Day National Workshop on Computational Fluid Dynamics-CFD using ANSYS Fluent( Hands on practice), V.S.M College of Engineering, Ramachandrapuram
2019	P.Krishna Chaitanya	A Three Day National Workshop on Computational Fluid Dynamics-CFD using ANSYS Fluent( Hands on practice), V.S.M College of Engineering, Ramachandrapuram
2019	P.Bhaskar Rao	Two Day National Workshop on Hands on Experience in Welding Technology, Aditya College of Engineering Technology, Surampalem
2019	A.Babji	Two Day National Workshop on Hands on Experience in Welding Technology, Aditya College of Engineering Technology, Surampalem
2019	Smt.R.Chamundeswari	Workshop on SPSS Social Science Data Analysis
2019	D S L Padmini	Workshop on Academia -Industry Interface

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6.3.2 - Number of professional development / administrative training programmes organized / teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date
2019	FDP for govt school teachers on MS office tools	Nil	02/12/2019	04/12/2019

2019	Three days' workshop on Review on mathematics-usage in signals and systems	Nil	05/12/2019	07/12/2019
2019	FDP on python program through Raspberry Pi	Stock verification and maintenance	28/11/2019	28/11/2019
2019	Two day FDP on CNC -Lathe Machine	Nil	21/11/2019	22/11/2019
2019	Nil	Training on CNC -Lathe Machine	15/07/2019	16/07/2019
2019	FDP on Faculty personality development	Nil	21/06/2019	21/06/2019
2019	FDP on Basics of Arduino	Nil	22/06/2019	22/06/2019
2019	Nil	Financial/Accounting process	15/06/2019	15/06/2019

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6.3.3 - No. of teachers attending professional development programmes, viz., Orientation Program, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended
FDP on Industrial Inorganic Chemistry	1
A 5-Day Faculty Development Program on Product Design Engineering using Fusion 360, Swarnandhra College of Engineering Technology, Narsapur	1
One week online FDP on optimization Techniques Tools for Mechanical Engineers	2
Three Day online FDP on Recent Trends in Research Methodology	1
An AICTE Sponsored one week short term training program on "Power Quality and Distributed Power Generation	1
Six days national level e-FDP on Industrial safety-Need of the day	1
Energy conservation and waste heat recovery-NPTEL	1
Short Term Programme through ICT mode on Analysis and Design of Shallow Foundations organized by this institute	6
Five Day Online FDP on Digital Engineering in Aerospace	1

Five Day Online FDP on Refrigerants Progressions- Environmental Concerns	1
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#### 6.3.4 - Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching
Permanent	Full Time	Permanent
145	145	30

#### 6.3.5 - Welfare schemes for

Teaching	Non-teaching	Non-teaching
Insurance, PF, Society Loan.	Insurance, PF, Society Loan.	Insurance, PF, Society Loan.

### 6.4 - Financial Management and Resource Mobilization

#### 6.4.1 - Institution conducts internal and external financial audits regularly (with in 100 words)

Audit planning is the essential first step in the Audit process. findings, recommendations and management are forwarded to the p review and ensure the audit findings are resolved in timely ar internal auditors verify and certify the entire Income and exp expenditure of the institute each year. Qualified internal audite have been permanently appointed and a team of staff under them verification of all vouchers of the transactions and are carried Likewise an external audit is also carried out on an elaborate w institutional accounts are audited regularly by both internal ar there have been no major findings/objections minor errors of omi pointed out by the audit team are immediately corrected rectified taken to avoid recurrent of such errors in future. The college audits. Internal audit is being done mainly to monitor and evalu efficiency of the college internal control environment and proc college in operational improvement and audit coordination. By int will have full, free, and unrestricted access to all activitie personnel under the purview of the management

#### 6.4.2 - Funds / Grants received from management, non-government bodies, individuals, phila in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Use of Funds
Management	6500000	Institution developm other extracu

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#### 6.4.3 - Total corpus fund generated

1500000
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### 6.5 - Internal Quality Assurance System

#### 6.5.1 - Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External	
	Yes/No	Agency
Academic	Yes	JNTUK
Administrative	Yes	JNTUK

#### 6.5.2 - Activities and support from the Parent - Teacher Association (at least three)

Feedback from parents, Financial support for students in the form and Participation in college committees.

#### 6.5.3 - Development programmes for support staff (at least three)

The institute provide computers for online classes in covid panden package for all required staff. Empowering on ICT tools, compute library and other office management. Orientation in record mainter movement and Efile management. Recreational programs on Games and and Invite talks for stress management.

#### 6.5.4 - Post Accreditation initiative(s) (mention at least three)

Establishment of IIC (Innovation Incubation Cell) and EDC (Entr Cell). Strengthening of Eclass Rooms and EResources. Participatio programs. Automation of Library. Constitution of college committe participative governance.

#### 6.5.5 - Internal Quality Assurance System Details

a) Submission of Data for AISHE portal

b) Participation in NIRF

c) ISO certification

d) NBA or any other quality audit

#### 6.5.6 - Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Dur Fi
2019	To allot seed money for departments to conduct industrial visits, conduct of department activity	24/06/2019	24/0
2019	Procurement of software and equipment for English language laboratory.	10/10/2019	10/1
2019	Developing software for IMS (Issue Management System) for effective governance,	11/11/2019	11/1:
2019	Allotment Budget for maintenance of physical infrastructure re, Campus maintenance and maintenance of equipment in labs constitution of committee	15/11/2019	15/1:
2019	A Three Day National Workshop on Computational Fluid Dynamics-CFD using ANSYS Fluent( Hands on practice), V.S.M College of Engineering, Ramachandrapuram organised by IQAC	16/11/2019	16/1:



2020	Conduct of internal and external financial audits.	03/02/2020	03/0:
2020	Awards and encouragements for faculty and students.	11/02/2020	11/0:

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## CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

#### 7.1.1 - Gender Equity (Number of gender equity promotion programmes organized by the inst:

Title of the programme	Period from	Period T
SANKRANTHI SAMBARALU	10/01/2020	10/01/20
KALARI PATTU	05/12/2019	05/12/20
ROAD SAFETY PROGRAMME	16/09/2019	16/09/20
ANTI RAGGING AWARENESS PROGRAMME	13/08/2019	13/08/20
womens day	08/03/2020	08/03/20

#### 7.1.2 - Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewa
Percentage of power requirement of the university met by the renew percentage of power requirement of the college met by the renewab 2. Installed a solar power plant of 150 KW to meet all the ene institution. 3. During night time the campus lightening is pro

#### 7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities
Provision for lift
Ramp/Rails
Braille Software/facilities
Rest Rooms
Scribes for examination
Special skill development for differently abled students

#### 7.1.4 - Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative
2019	Nil	1	28/11/2019	1	VSM COLLEGE OF ENGINEERING, RAMACHANDRA



2019	1	Nil	25/07/2019	1	VSM COLLEGE OF ENGINEERING, RAMACHANDRA
<a href="#">View File</a>					

## 7.1.5 - Human Values and Professional Ethics Code of conduct (handbooks) for various stakeho

Title	Date of publication	Follow up(max 100 words)
HR Policy	16/06/2020	<p>Vision of the Institution To become a globally Technical education by way of excellence in acad through inter disciplinary research and develop responsible professionals. In house faculty membe assessment such as mock interviews, group di corporate requirements to enhance the employabil: Mission of the Institution To provide curriculum, goals and objectives, relevant to regional and overall all development of students. To implement in delivering the academic programmes with ex faculty. To create vibrant ambience that promc creativity, team spirit, scientific temperament : enhance institute industry interface through consultancy. And needs of the society. To generat through training programmes /workshops / ser publications. In house faculty members conduct t such as mock interviews, group discussions a requirements to enhance the employability skill: Institution: VSM College of Engineering establ: Ramachandrapuram Educational society is one of affiliated to JNTU - Kakinada. Keeping in view requirements of the society and nation at large ( industrial and service sector, and the recent fo has been on innovations, research and developmen in the curriculum and strategies of teaching the inspite of a stiff competition at all levels du output in the form of graduates is required t expectations. However this institution is trying and trying its level best to take strategic step regard. In cognizance of the above, this institu technical and management education in the area of state as a whole and to earn a unique identity f quality knowledge resource and diversification c management education. 3 3 3 SCOPE: HUMAN VALI Engineering is changing science into valuable p: Ethics in is the ability as well as responsibili his decisions from the context of the general we is the study of moral issues that confront It is that stand up to engineers and engineering organi choices are taken. Engineering research and prac errand being performed considers all the advanta specific activity and its execution. Teaching eng institutions is embraced to a great extent thrc creating awareness interactively among engin</p>

disciplines. By studying engineering ethics, the students are able to take their decisions on moral and ethical standards in engineering are influenced by many factors. 1. An experimentation for the good of mankind is a noble and reaching consequence, 2. Ethical dilemmas make decisions relatively difficult to make. 3. Risk and safety responsibility is a prime concern of an engineer. 4. Technological advancement can be very demanding on the engineering context. 5. Moral values and responsible conduct are essential for decision making. The study of engineering ethics program helps students prepare for their professional life. 6. Advantage for engineering students who learn ethics is to develop clarity in their understanding and thought processes in the practice in which they arise. The study of ethics helps to develop widely applicable skills in communication and critical thinking. These skills enhance students abilities and help them understand aspects of the engineering program such as group work, teamwork, etc.

**3 OBJECTIVES: HUMAN VALUES PROFESSIONAL ETHICS:** 1. To know and prescribe to Human Values are as fundamental moral values that ought to guide the engineering profession. 2. To develop awareness on Engineering Ethics and Human Values. 3. To appreciate the role of Social Values and Loyalty. 4. To appreciate the moral issues in the profession, 6. To justify the moral decisions concerning the profession. 7. Intended to develop professional attitudes, and habits that engineers should display. **PROFESSIONAL ETHICS:** 1. To develop awareness (proficiency in recognizing moral principles such as plagiarism and patenting) 2. Convincing moral reasoning (ability to assess and assessing different views) 3. Moral coherence (for consistency based on facts) 4. Moral imagination (search for alternative responses to issues and being receptive to them) 5. Moral communication, to express and support ethical decisions.

**MORALLY DESIRABLE AND RESPONSIBLE CONDUCT** 1. Moral awareness 2. Moral willingness and able to be morally responsible. 3. Moral reasoning using rational dialogue for resolving moral conflicts. 4. Moral respect for persons, which means showing concern for the well-being of oneself. 5. Tolerance of diversity i.e., respect for differences, and acceptance of reasonable differences.

**5 PART-I HUMAN VALUES MORALS:** Moral values are the worth which one follows to distinguish the right from the wrong. Virtues are considered worthy in building up the character. 1. Moral values were edited, changed or modified rulers (dynamic). 2. Moral development of knowledge in engineering and technology. 3. Value refers to the good virtues such as honesty, integrity, compassion, helpfulness, love, respectfulness, etc. 4. Moral is concerned with principles and practices of morals. 5. (a) What ought not to be done in a given situation? (b) What is the right handling of a situation? and (c) What is good? 6. Moral principles, policies, and ideals involved? **VALUES:** Human values are a principle that promotes well-being or prevents harm. 7. Moral is responsible for inculcating and evolving human values. 8. Moral leaders gurus in daily life and teachers at the college level. 9. Moral values can assure a happy and harmonious human society.

of Engineering and Technology, we cultivate and the students and staff through teaching and cond activities. Types of Values Values related to Ri help Skills: Care of possessions, diet, hygien reliance, and tidy appearance . (b) Social Ski manners, good relationships, helpfulness, No was: (c) Ethical Skills: Code of conduct, courage efficiency ingenuity, initiative, perseve resourcefulness, respect for all, and responsibi calmness, concentration, contentment, dignity equanimity, faithfulness, focus, gratitude, happ inner silence, optimism, patience, reflectic acceptance, self-confidence, self-control, self self-respect, sense control, tolerance, and unde: curiosity, discernment, fairness, fearlessness, h thought, word, and deed), intuition, justice, o knowledge, reason, self- analysis, sincerity, sp trust, truthfulness, and determination. LOVE: Ac compassion, consideration, dedication, devotic forgiveness, friendship, generosity, gentleness, kindness, patience, patriotism, reverence, sacrific sharing, sympathy, thoughtfulness, tolerance an Psychological: Benevolence, compassion, concern forbearance, forgiveness, manners, happiness, universal love (b) Social: Appreciation of othe brotherhood, care of environment, citizenship, national awareness, perseverance, respect for pr INTEGRITY: Integrity is defined as the unity c (honesty) and open mindedness. It includes the c factual information so that others can make wel yields the person's peace of mind\, and hence ac in character, decisions, and actions. This paves one of the self-direction virtues. It enthuse pe job well but to achieve excellence in performanc responsibility and earn self-respect and recognit integrity is defined as a virtue, which reflec attitudes, emotions, and conduct in relation to Integrity comes in many forms, but honesty and d that are expected in most workplace situatio behavior, distrust can make a work environment to strong work ethic shows co-workers and clients tl your responsibilities seriously. Polite communic and fiscal responsibility also help you stand out Follow Institutional Policies: Abiding by institu way to demonstrate integrity. Cutting corners workplace regulations can lead to mistakes, pr situations. Service Learning: Service-learning s in activities that combine both community servi Because service-learning programs are typically (core academic, elective, or vocational), the ser based on particular curricular concepts that a: learning is a teaching method which combines comm instruction as it focuses on critical, reflec

responsibility. Service-learning programs involve community service that addresses local needs, academic skills, sense of civic responsibility, and community. Service-Learning Program Provides Education which students learn and develop through ac- tively and thoughtfully organized service experiences that are meaningful and that are coordinated in collaboration with community partners. An engineering student analyzing and executing a social service project is another example of service learning. The service-learning program falls under the category of experiential education, which is a part of experiential learning and community service. Service-learning is distinguished in the following ways: 1. Contextualized learning: Integrating the learning into a service project. 2. Academic ties: Service-learning should be clearly linked to disciplinary skills. 3. Learner's voice: Beyond the project, trainees have the opportunity to self-reflect and evaluate their service activity. 4. Reflective activities: Activities are created to think, talk, and write about the experience. 5. Balance of reflection and action: The balance of reflection and action allows the trainees to assess the impact of their work. 6. Partners in the community: Community agencies are used to identify genuine needs and contribute input such as labor and expertise to the service project. **SERVICE-LEARNING BENEFITS:** Service-Learning Benefits: • Linking theory to practice • Deepening understanding of the world • Enhancing the sense of civic responsibility through service • Allowing students to explore possible career paths • Understanding the importance of improving the human condition • Developing leadership and related skills • Providing experience in group work • Improving communication • Promoting interaction with people from diverse backgrounds • Instilling a sense of empowerment that enhances self-confidence • Benefits faculty by: • Providing exciting new teaching material • Offering professional development through meaningful interactions with the community at large • Encouraging faculty to form close, interactive, mentoring relationships with students • Reminding faculty of the direct consequences of their teaching and learning process. **9 CIVIC VIRTUE: CIVIC DUTIES AND RIGHTS, as a citizen of the village or part of the society and environment. An individual's civic duties are:** by voting, volunteering, and organizing welfare activities. **CIVIC DUTIES AND RIGHTS:** civic duties are: ❖ To pay taxes to the local government. ❖ To keep the surroundings clean and green. ❖ Not to pollute the air by following hygiene and proper garbage disposal. ❖ Not to burn wood, tyres, plastic materials, spit in the open, and not to cause nuisance to the public. **CIVIC RIGHTS (duties) virtues.** ❖ To follow the road safety rules. This is a basic requirement for nurturing friends and family. **SYNERGY it promotes and sustains. The principles are:** ❖ Recognize and accept the existence of others. ❖ Because they have a right to live, just as you have a right to live. ❖ (decisions), words, and labor (actions). One needs to be responsible for the actions.

award them, but shall listen to them first. One c  
 commit mistakes. Some people may wait and wat  
 claiming that they know others mistakes before an  
 Appreciate colleagues and subordinates on their j  
 constructively and encourage them. They are  
 performance, by learning properly and by putti  
 goodwill on others. Love others. Allow others  
 goodwill reflects on the originator and multiplie  
 will facilitate collinearity, focus, coherence, ;  
 goals. 1 0 0 0 0 LIVING PEACEFULLY: To live pea  
 install peace within (self). Charity begins at  
 peace to family, organization where one works  
 including the environment. Only who are at peace  
 gift an article which you do not possess. The ess  
 is that one should not fight for peace. It is ox  
 won only by peace, and not by wars! One should a  
 live peacefully, in the world: NURTURE: Get ✓ (C  
 regulation, discipline, and duty). ✓ Pure thoug  
 others, blessing others, friendly, and not criti  
 thought, word or deed). ✓ Creativity in or  
 constructive). ✓ Beauty in one's heart (love,  
 peace). ✓ Good health/body (Physical strength  
 academic environment in the institution). Act ✓  
 heart, and hands (charity). Service to the poor  
 the service to God. ✓ Not hurting and torturing c  
 or mentally. 10 CARING: Caring is feeling for otl  
 exhibits the interest in, and support for, th  
 fairness, impartiality and justice in all activi  
 in the context of professional ethics. It inclu  
 feelings of others, and also respecting and pres  
 others concerned. Caring is reflected in activ  
 membership in social clubs and professional soci  
 transactions in the family, fraternity, com  
 international councils. SHARING: Primarily, ca  
 Sharing is a process that describes the transfe  
 learning, and information), experience (trainin  
 possession) and facilities with others. The tr  
 legal, positive, voluntary, and without any expe  
 the proprietary information should not be share  
 this process of sharing, experience, expertise,  
 reach more people faster. Sharing is voluntary  
 force, but motivated successfully through ethi  
 sharing is charity For the humanity, sharing is a  
 wealth are multiplied and the crimes and sufferin  
 It paves the way for peace and obviates milita  
 sharing maximizes the happiness for all the h  
 psychology, the fear, divide, and distrust betwe  
 disappear. Sharing not only paves the way to pro  
 and sustains it. Economically speaking, benefits  
 no wastage or loss, and everybody gets one's nee  
 Commercially speaking, the profit is maximize



productivity and utilization are maximized by sha virtue, and it is exhibited in two aspects name: worthiness. 11 Truthfulness is to face the resp truth. One should keep one's word or promise. E committed (one needs courage to do that!), it is engineering judgment, maintenance of truth, c communicating the truth, only when it does good reflections of truthfulness. But trustworthines: and taking responsibility for personal performan live by mutual trust. They play the right way to or rules (legally and morally). They build trus authenticity. They admit their own mistakes and in others and take tough and principled stand, e

Courage is the tendency to accept and face ris! rational ways. Self- confidence is the basic requ Courage is classified into three types, based on

- Physical courage
- Social courage
- Intellec: courage, the thrust is on the adequacy of the ph the muscle power and armaments. People with high to face challenges for the mere thrill or driven

social courage involves the decisions and actions on the conviction for or against certain social leadership abilities, including empathy and sa motivate the followers, for the social cause. Tl inculcated in people through acquired knowledge, education, and training. In professional ethics the employers, employees, public, and the press. should perform Strengths, Weakness, Opportuni analysis. Calculate (estimate) the risks, compar anticipate the end results, while taking decisic action. Learning from the past helps. Past e: borrowed!) and wisdom gained from self-study or to plan and act with self-confidence, succeed ethical goals through ethical means. Opportuniti likely to exist in future are also to be studied

This anticipatory management will help anyone courage. VALUING TIME: Time is rare resource. On forever. It can't be either stored or recovered perishable and most valuable resource too. This spent, whether any decision or action is taken o: reformers and innovators have stressed the impo: time. The proverbs, Time and tide wait for nobody thief of time amply illustrates this point. 1

PROFESSIONAL ETHICS Professionalism is the cc characterize or mark a profession or professio: workmanship or service. Professional ethics professional organization should, or should not, of practicing their profession. TEN GOLDEN RUI excellence This is the first rule to achievin endeavour you undertake this is the quality tha stand-out. Excellence is a quality of service whi surpasses ordinary standards, it should be made good impression on your bosses and colleagues. 2

society trust is an issue and any employee who e on a fast track to professionalism. Trustworthin assigned task and as an extension- not letting de dependable, and reliable when called upon to del: earn the trust of your bosses and colleagues, w proven over time. 3. Be accountable To be accoun be counted for what actions you have undertaken, and responsibility for your actions and its conse courteous and respectful Courteousness is being mannered with a gracious consideration towards interactions in the workplace run smoothly, a respect. Respect is a positive feeling of esteem or organization it is built over time and can b inconsiderate action. Continued courteous inte maintain or increase the original respect gained transparent Honesty is a facet of moral character virtuous attributes such as truthfulness, strai loyalty, fairness, sincerity, openness in comu operating in a way for others to see what actions competent and improve continually Competence is t to do a job properly, it is a combination of know used to improve performance. Competency grows th: extent one is willing to learn and adapt. Contin pre-requisite in offering professional service : ethical Ethical behaviour is acting within certai with the generally accepted code of conduct or r: an employee to "play by the rules". This is alw instances the rule book is inadequate, acting wi: is the right way to go. This may cause friction ethical organizations will always stand by the actions of their employees. 8. Always be honoura Honourable action is behaving in a way that po: magnanimity, and a scorn of meanness" which is de and personal integrity. This is a concept of "wh: character in line with certain values, believ consistency in action and outcome. 9. Be respe Confidentiality is respecting the set of rules or from further and unauthorized dissemination of i: of your career, information will be passed on to from the organization or from colleagues- and it such confidences. 10. Set good examples Applying you improve your professionalism within your o: complete until you impact knowledge on those aro: show and lead by good example. Being a profess exemplary live within and without the organiza highly valued by every organization today and pr of work. Apply the ten golden rules of ethics professional and prosperous career. 15 WORK ETHIC a set of attitudes concerned with the value c motivational orientation. It is a set of value diligence. It is also a belief in the moral bene: to enhance character. A work ethic may includ initiative, or pursuing new skills. The work etl



the economy (get job, create wealth, earn salary profit), safety (in workplace), health and hygiene, privacy (raise family), security (permanence age and retirement benefits), cultural and social development and happiness), welfare (social work), environmental activities), and offer opportunities for all, but without discrimination. Work ethics are not just a set of accompanying virtues, whose crucial role is the sustaining of a high degree of professionalism.

**Integrity:** Integrity is defined as the unity of character (honesty) and open mindedness. It includes the disclosure of factual information so that others can make well informed decisions. It is one of the self-direction virtues. It enthuses people to do a job well but to achieve excellence in performance. It involves responsibility and earn self-respect and recognition. Integrity is the quality of being honest and having strong moral uprightness. It is generally a personal characteristic that consistently moral and ethical standards.

**2. Credibility:** Credibility is the obligation of an individual or organization to accept responsibility for the demand to disclose information in a transparent manner. It also includes the responsible use of entrusted property.

**3. Loyalty:** Loyalty is faithfulness to a person, country, group, or cause. Loyalty is a virtue of working professionals. Students are taught to be loyal to their society, their fellow citizens and to the nation.

**4. Commitment:** Commitment means alignment to goals and adherence to ethical activities. One should have the conviction without which will succeed. Holding sustained interest and firmness in the goals, is commitment. It is the driving force that is bound to add wealth to oneself, one's employees and the organization at large. Target oriented efforts are put to realize the goals. It is a psychological construct, a mental and emotional state that in, or characterizes a person. Attitudes is an indispensable concept in present day. Attitude changes over time from past and present. Positive attitude people are more successful in life. One should develop such attitude which leads to satisfaction in their day to day life. Positive attitude characterizes faith, integrity, hope, optimism, generosity, tolerance, tact, kindness and good will.

**5. Time:** Time is a rare resource. Once it is spent, it cannot be either stored or recovered. Hence, time is the most valuable resource too. This resource is continuously being spent on decision or action is taken or not. The historical great innovators has stressed the importance of time management is the key to increase effectiveness.

**7. Passion:** Passion is a feeling of intense enthusiasm and desire for completion of the work. Passion defines the quality of work aspects and work enjoyment. When an individual is passionate about their occupation they tend to work more resulting in better performance.

#### 7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To
ENGINEERS DAY	15/09/2019	15/09/2019
TEACHERS DAY	05/09/2019	05/09/2019
INTERNATIONAL YOGA DAY	21/06/2019	21/06/2019
SPARKS	07/03/2019	08/03/2019
MAHA SANKRANTHI	10/01/2020	10/01/2020
CHRISTMAS DAY	24/12/2019	24/12/2019
NSS	24/09/2019	24/09/2019

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#### 7.1.7 - Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. The college has been entrenched with a large number of trees a carbon dioxide in the college campus. 2. LED lights are introduced diverted into sink pits within the campus which contributes to reduce 4. Introduced Solar street lights. 5. The college observes 'World Environment Day' by organizing plantation programs and talk on 'the importance of protecting atmosphere'. 6. Cleaning the campus i.e., Swachh Bharath is organized. A unit collects waste and used papers and books in coordination with the community and distributed to children studying in government schools. 8. Metal waste is deposited to recyclers. 9. We have separate contracts for disposal of waste such as Ewaste, bulbs/tube light, Old batteries, etc., vendors are appointed. 10. Pollution control board. 11. Drip irrigation and sprinklers for campus plants. 11. Solid waste .....

#### 7.2 - Best Practices

##### 7.2.1 - Describe at least two institutional best practices

**BEST PRACTICE - I: MENTOR AND MENTEE SYSTEM**  
**Objectives:** The objectives of introducing the mentor and mentee system are:  
 o To monitor the progress of students in all aspects.  
 o Identifying strengths, offering emotional support and specific suggestions to students.  
 o It also aims to implant good habits, values and attitudes among the students.  
 o To direct the students to achieve intended goals.  
**Background:** The students of this institution are from a rural background and are illiterate in their families.  
 o Many of the students lack literacy skills.  
 o The students rely on advice/ suggestions of a teacher, especially in the field of studies.  
**Preparation by Mentors:** The mentors study the following details to assist the student effectively:  
 o Student's Background: a. Academic performance b. Hobbies c. Strengths and Weaknesses d. Goals for future, etc.,  
 o Details of the family members of the student, their occupations. Financial Status of the family  
**The Practice:** The college has an automated Student Information System for recording students' performance in the internal Exams conducted in each semester. o The system records attendance in every class during the first five minutes it enables the mentors to monitor the students' presence in each period of the day. o The mentors consolidate monthly attendance of the students and inform to the parents. o Measures are being taken for improvement of the attendance of the students. o The teacher enquires and counsels the student if he is absent for two consecutive days. o is directed to HOD for necessary action. o The HOD persuades the student to attend continuously for more than one week and informs the parents about the same.

calls the parents if he is absent continuously for more than two and advises them to make sure of their child's regular attendance details of a student to the Principal for further action if he is after informing his parents. o Every student is encouraged to participate in activities conducted on campus or other colleges. It initiates personal and

Upload details of two best practices successfully implemented by the institution as per website, provide the link

<https://www.vsm.edu.in/engineering/stepup>

### 7.3 - Institutional Distinctiveness

7.3.1 - Provide the details of the performance of the institution in one area distinctive to its > than 500 words

The vision of the institution focuses on 3 aspects essentially Innovation and Social contributions. The institute has established towards this comprehensive vision by working on the upliftment of students of this region our priority has been in reaching out to region and counsels the students for achieving higher education, t developing the society and the nation at large. The first step t was to maintain the infrastructure and manage the campus for stakeholders were encouraged to participate in lifelong learning academic interactions. The institution also organizes socially benefit the neighborhood communities / adopted villages. a) Infrastructure institution has made great efforts in maintaining the infrastructure has not hesitated in expanding as the need arises. VSM COE is infrastructure facilities especially in laboratories for more students. b) Lifelong learning :- The institution has been giving students which have come in hand for them to show - out their talents tests. Students are also promoted and given support to do - in connect :- The institution situated in rural area has done its part local communities. The various programmes conducted by the institution people in the region towards education and the need for the same. awareness to the inhabitants nearby about the engineering aspects better life. The institute has established its distinctive approach aspects. 1. Counseling the students towards progression . 2. Campus Mandatory internships for III ,IV year students . 4. Free Scholarship management. 5. In-house workshops for empowering students on k

Provide the weblink of the institution

<https://www.vsm.edu.in/engineering/distinct>

### 8.Future Plans of Actions for Next Academic Year

No data entered!!!