



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
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 its own campus?	Yes
• Phone no. / Alternate phone no.	
• Mobile No:	7729972281
• State/UT	Andhra Pradesh
• Pin Code	533255
2. Institutional status	
• Type of Institution	Co-education
• Location	Rural
• Financial Status	UGC 2f and 12 (B)
• Name of the Affiliating University	JNTUK Kakinada
• Name of the IQAC Coordinator	M . V . Ramana

• Phone No.	08857246400
• Alternate phone No.	08857246400
• IQAC e-mail address	principal@vsm.edu.in
• Alternate e-mail address	naac@vsm.edu.in
3. Website address (Web link of the AQAR (Previous Academic Year))	http://www.vsm.edu.in/engineering
4. Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.vsm.edu.in/engineering

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	.2.63	2017	11/09/2017	10/09/2022

6. Date of Establishment of IQAC 10/09/2017

7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR /TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	Nil	Nil

8. Whether composition of IQAC as per latest NAAC guidelines No

9. No. of IQAC meetings held during the year 2

• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? Yes

• If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

10. Whether IQAC received funding from any of the funding agency to support its activities during the year? No

11. Significant contributions made by IQAC during the current year (maximum five bullets)

All the departments are encouraged to conduct seminars, workshops, conferences etc. this academic year (2019-2020)














All the staff are encouraged to attend seminars, workshops, conferences etc. so faculty attended workshops, conferences and seminars during this academic year.

Students are also encouraged to undertake student study projects with the help of R&D.

Students are encouraged for higher studies. Due to encouragement few students are able to compete and got admissions in other countries and other institute for there career growth.

Due to the encouragement many faculty and students published various papers in jouranals during the academic year 2019-2020.

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
<p>Designing and implementing Annual plans for quality enhancement.  Arrange for feedback responses from students, teachers, parents & Alumni on syllabus.  Development and application of quality benchmarks / parameters for the various academic and administrative activities of the institution.  Retrieval of information on various quality parameters of higher education and best practices followed by other institution.  Organization of workshops and seminars on quality - related themes and promotion of quality circles and institution-wide dissemination of the proceedings of such activities.  Development and application of innovative practices in various programmes / activities leading to quality enhancement. </p>	<p>IQAC is formed with senior academicians. IQAC conducts review meetings every month with every department and assess the progress in academics,  IQAC conducts periodically FDP's on teaching methodologies, communication skills and recent transformations in engineering subjects offered.  It monitored the teaching abilities of faculty and take measures to improve teaching skills through ICT enabled resources.  Collaboration with university & other engineering colleges in teaching and learning practices to improve quality of teaching.  Implementation of teaching / learning process using multimedia lectures, CBT lectures, NPTEL video lectures, etc.  Faculty orientation programmes are organized in the beginning of every academic year in basic pedagogy.  Faculty course content development : Faculty are involved in course content development.  Implementation of</p>

Participation in the creation of a learner - centric environment conducive for quality education. Work for the development of internalization and institutionalization of quality enhancement policies and practices. Act as a nodal unit of the institution for augmenting quality - related activities. Prepare focused Annual Quality Assurance Reports (AQARs).

project based learning by faculty in the departments. Faculty self - appraisal done at the end of every academic year. Incentives to faculty for research, research publications and qualification up gradation. To nurture and fortify the skills of the students and faculty all the departments.has departmental Associations. It monitored the faculty to use latest teaching methodologies in the class room. It encouraged staff members to publish papers in reputed journals. It helped faculty members to write research proposals to UGC, DST, AICTE Development of quality benchmark / parameters for various academic and administrative activities of the institute. Organization of workshops, seminars and quality related themes. Documentation of various programmes / activities leading to quality improvement. Conducting internal quality , Academic quality audit periodically. In addition self - assessment report from faculty is collected and analyzed and action taken accordingly. Students feedback is collected and analyzed to improve the quality of teaching and necessary action taken on the faculty with low feedback.

13.Whether the AQAR was placed before statutory body?

No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020	30/12/2020

15. Multidisciplinary / interdisciplinary

16. Academic bank of credits (ABC):

17. Skill development:

18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

19. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):

20. Distance education/online education:

Extended Profile

1. Programme

1.1

Number of courses offered by the institution across all programs during the year

7

File Description	Documents
Data Template	View File

2. Student

2.1

Number of students during the year

884

File Description	Documents
Data Template	View File

2.2

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

96

File Description	Documents
Data Template	View File

2.3

Number of outgoing/ final year students during the year

228

File Description	Documents
Data Template	View File

3. Academic

3.1		138
Number of full time teachers during the year		
File Description	Documents	
Data Template	View File	
3.2		138
Number of Sanctioned posts during the year		
File Description	Documents	
Data Template	View File	
4. Institution		
4.1		39
Total number of Classrooms and Seminar halls		
4.2		94.36848
Total expenditure excluding salary during the year (INR in lakhs)		
4.3		520
Total number of computers on campus for academic purposes		

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and d

Academic Planning & Curriculum delivery

VSM College of Engineering has a Curriculum Committee consisting of coordinators. Identification of learning gaps, industry expectation knowledge enhancement, faculty training and designing of new course planning and conduct of programs for curriculum enhancement are und committee.

- Academic calendar is prepared to fulfill the objectives of the CoE is affiliated to Jawaharlal Nehru Technological University, follows the curriculum prescribed by the University. The Instit is finalized in alignment with the University calendar.
- Annual Calendar of events is prepared which consists of plan fc tours and projects. Lectures are scheduled for connecting the r and academics.
- Before the start of every academic session, Principal conducts Principal, Academic Dean, Heads of all the Departments, and fir which covers following points:

for complete qlm visit: <https://www.vsm.edu.in/engineering/pdfs/AQAF>

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.vsm.edu.in/engineering/pdfs/AQAF-QLM-1.1.1.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Con

The JNT University publishes an academic calendar for the programs commencement of each semester. The University calendar portray impc beginning of the semester, last working day, scheduled for summer p training, schedule of practical and theory examinations, and date c semester.

The Institute prepares the academic calendar taking into considerat by University which include all activities like the conduct of Cont Evaluation (CIE), Placements and Value added courses. Separate Inst and department event cum academic calendar are prepared strictly cc university academic calendar accommodating all planned activities. calendar includes details like a total number of working days & hol institutes flagship programs, etc., the department calendar compris conferences, workshops, industrial visits, and other co-curricular activities planned by respective departments.

for complete qlm visit: <https://www.vsm.edu.in/engineering/met1.1.2>

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://www.vsm.edu.in/engineering/pdfs/AQAF-QLM-1.1.2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

C. Any 2 of the above

File Description
Details of participation of teachers in various bodies/activities provided as a response to the
Any additional information

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

7

File Description
Any additional information
Minutes of relevant Academic Council/ BOS meetings
Institutional data in prescribed format (Data Template)

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data required (Data Template)

22

File Description
Any additional information
Brochure or any other document relating to Add on /Certificate programs
List of Add on /Certificate programs (Data Template)

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students enrolled during the year

957

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs

957

File Description
Any additional information
Details of the students enrolled in Subjects related to certificate/Add-on programs

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Rights and Sustainability into the Curriculum

Gender Sensitization: In a move to create increased awareness among students about gender issues, workshop/seminar on gender sensitization are organized for students and is effectively implemented by the college. The very aim of gender sensitization is to bring definite orientation in the thinking, practices and approach concerning gender. The workshop/seminar will deal with issues pertaining to gender equality, harassment, new forums for justice, and eve-teasing. Through awareness movements, the college also hopes to expose students to new laws on gender equality. An empowerment cell is formed to look after the welfare of all girl students. Internal compliance committee stays alert all the time to prevent sexual harassment of students and female employees. The programs conducted are Women Ent

Development, Guest Lecture on Breast and cervical cancer awareness. attained by conducting programs like seminars, debates, group discussions on a single platform. 2. Environment and Sustainability

for complete qm visit: <https://www.vsm.edu.in/engineering/pdfs/C-1>

File Description
Any additional information
Upload the list and description of courses which address the Professional Ethics, Gender, Hum Environment and Sustainability into the Curriculum

1.3.2 - Number of courses that include experiential learning through project work/field work

2

File Description
Any additional information
Programme / Curriculum/ Syllabus of the courses
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these course
MoU's with relevant organizations for these courses, if any
Number of courses that include experiential learning through project work/field work/internships (Template)

1.3.3 - Number of students undertaking project work/field work/ internships

231

File Description
Any additional information
List of programmes and number of students undertaking project work/field work/ /internships

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	B. Any 3 of the above
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File Description
URL for stakeholder feedback report
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Body, Board of Management (Upload)
Any additional information(Upload)

1.4.2 - Feedback process of the Institution may be classified as follows

B. Feedback collected has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.vsm.edu.in/engineering/1/url%20feedback.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

516

File Description
Any additional information
Institutional data in prescribed format

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, O applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

96

File Description
Any additional information
Number of seats filled against seats reserved (Data Template)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programs for and slow learners

Response:

VSM College of Engineering provides inclusive and need based education including students coming from vernacular languages, slow learners, socially, economically backward sectors. The institution follows a plan to assess the students, implement desired learning objectives and monitor their academic performance.

An admission Committee is formed for all UG/PG Programs at the commencement of each year, the information relevant to the programme such as introductory syllabus; faculty details including qualification, specialization of the programme; attendance requirements; examination pattern and of JNT University, Kakinada and Government norms will be provided to students as well as parents.

Identifying learners abilities: On the basis of results students are divided into three batches: those who score above 50% are shortlisted as academically strong, those who get below 50% in Mid1 exams, as academically slow learner class in-charges through classroom interaction and counselling class strengths and weakness of individual students.

for the complete write up click the link

<https://www.vsm.edu.in/engineering/pdfs/C-2/2.2.1/2.2.1.pdf>

File Description	Documents
Link for additional Information	https://www.vsm.edu.in/engineering/pdfs/C-2/2.2.1/2.2.1.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
884	138

File Description	Documen
Any additional information	

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and are used for enhancing learning experiences

Response :

The faculty of VSM College of Engineering are well trained to adopt in their class rooms. It is a regular practice of IQAC to organize training programmes every year/semester for the faculty before the semester to enhance their pedagogy of teaching. Vibrant learner-centric process is used in the delivery of curriculum for the all-round development. Learning by Doing, Think- Pair-Share, Course Based Projects, Field Certificate courses, Project Based Learning are a few to mention.

As per the guidelines of AICTE, we are oriented on the Revised Block that focuses on outcome based education. It is an institutional programme outcomes, Programme specific outcomes and course outcomes instructional strategies on a common format (Objective Oriented Learning) are submitted to the Academic Dean's office after due scrutiny in the respective subject expert and HOD. Teachers design lesson plans and methodology specific learning outcomes. Some of the strategies used in the class

for the complete write up click the link

<https://www.vsm.edu.in/engineering/pdfs/C-2/2.3.1/2.3.1.pdf>

File Description	Documents
Upload any additional information	View File
Link for additional information	https://www.vsm.edu.in/engineering/pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write desc

Response :

ICT is one of the most critical tool in enhancing the quality of ed better learning outcomes and based on specific needs of learners, i Faculty can leverage ICT for effectively imparting desired skills a use ICT to address the issues related to advance learner and slow l interactive multimedia based instructional material. The benefits c anytime learning, anywhere learning and asynchronous interaction.

The following are few ICT initiatives undertaken in recent past:

Institute has adequate ICT enabled tools and facilities for effecti process. Classrooms have LCD projectors with computer systems, spea teacher to use multimedia for graphical/animated/video based learni equipped with projectors audio and Wi-Fi facility. All departments internet connection through LAN. The Institute has state of the art smart board, lighting control, surround sound system, video confere facilities.

for the complete write up click the link

<https://www.vsm.edu.in/engineering/pdfs/C-2/2.3.2/2.3.2.pdf>

File Description	Documents
Upload any additional information	V
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://www.vsm.edu.in/engineering/pdfs/C-2/2.3.2/2.3.2.pdf

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the year)

2.3.3.1 - Number of mentors

74

File Description
Upload, number of students enrolled and full time teachers on roll.
Circulars pertaining to assigning mentors to mentees
mentor/mentee ratio

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

138

File Description

Full time teachers and sanctioned posts for year (Data Template)

Any additional information

List of the faculty members authenticated by the Head of HEI

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality year**

10

File Description

Any additional information

List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. number of full time teachers for year(Data Template)

2.4.3 - Number of years of teaching experience of full time teachers in the same institution completed academic year)**2.4.3.1 - Total experience of full-time teachers**

553

File Description

Any additional information

List of Teachers including their PAN, designation, dept. and experience details(Data Template)

2.5 - Evaluation Process and Reforms**2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency within 200 words.****Response :**

The institute follows the norms, rules, and procedures laid out by theory mid semester exams, two assignment tests and a mid-practical each paper of the subject in each semester for B. Tech & M. Tech. Practical discussions, show and tell and quizzes etc. activities are also conducted. The institute has developed an effective mechanism for efficient and transparent internal assessment through Examination Committee. The schedules of internal/mid-semester examinations, submission of assignments, tutorials and conduct of practicals are communicated to students and faculty at the beginning of the semester academic calendar. Time Table & Circular for all IA will be circulated and displayed on the department notice board. The syllabus for internal assessment is communicated to students well in advance.

The internal assessment evaluation process is communicated to students and faculty.

and also during an orientation program for first-year students. IQA calendar and its effective implementation as well. Internal squad vigilance during the examination.

for the complete write up click the link

<https://www.vsm.edu.in/engineering/pdfs/C-2/2.5.1/2.5.1.pdf>

File Description	Documents
Any additional information	View File
Link for additional information	https://www.vsm.edu.in/engineering/pdfs/C-2/2.5.1/2.5.1.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, timely and effective.

Response:

The institute has well developed mechanism to deal with examination related grievances in a transparent, time-bound and efficient manner. The Institute follows the Grievance Redressal Procedure of JNT University. Grievances of students are resolved within a specified time frame. Grievance redressal procedure related to examination are as follows

Before the commencement, grievances related to non-issuance of examination hall ticket, correction in name etc. are addressed to Principal. He takes the necessary action and orders are issued to the examination department for verification and compliance. Examination department carries out the necessary corrections and orders are issued to the invigilator.

Flying squad of the institute functions to monitor the conduct of examination and take disciplinary action in case of unfair means. During the examination, if a student is found using unfair practice by the invigilator, he takes the necessary action as defined in the examination policy. Some of the policy guidelines are: Student is caught in the presence of the supervisor and invigilator is taken to the principal's office and the matter is referred to the Examination Committee.

for the complete write up click the link

<https://www.vsm.edu.in/engineering/pdfs/C-2/2.5.2/2.5.2.pdf>

File Description	Documents
Any additional information	View File
Link for additional information	https://www.vsm.edu.in/engineering/pdfs/C-2/2.5.2/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of institution.

Response:

VSM College of Engineering is affiliated to J.N.T. University, Kakinada. The syllabus/curriculum prescribed by the university is followed. JNTU

core and elective courses. The curriculum is formulated and reviewed (BOS) of the University.

VSM COE follows Outcome-based education through which desired outcomes of knowledge, skills, attitudes and behavior at the end of a program, self-awareness and following the associated effort constitutes outcomes. Program Outcomes (POs) are statements that describe what students are expected to achieve upon graduating from the respective program. These relate to the skills, ability, attitude, and behavior that students acquire through the program. For Accreditation (NBA) defined 12 POs for Engineering graduates for Graduate attributes:

- Engineering Knowledge
- Problem Analysis
- Design/Development of Solutions
- Conduct Investigations of Complex Problems
- Modern Tool Usage
- The Engineer and Society
- Environment and Sustainability

for the complete write up click the link

<https://www.vsm.edu.in/engineering/pdfs/C-2/2.6.1/2.6.1.pdf>

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.vsm.edu.in/engineering/pdfs/C-2/2.6.1/2.6.1.pdf
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Response :

The assessment methods and processes used for the attainment measurement of Program Outcomes and Program Specific Outcomes are as follows

Assessment of COs / POs

- For each course, the course instructor will identify 5-6 course outcomes. COs are mapped with relevant Program Outcome (PO) as high, medium, or low.
- The consolidated matrix of CO-PO mapping is done for each program. PSO mapping.
- CO attainment for each course is calculated by considering the student in internal & external examination.
- The Program Outcomes and the Program Specific Outcomes are assessed against course outcomes of the relevant courses through direct and indirect methods.
- Direct methods are provided by Internal and External examination outcomes.
- Average attainment of the direct method will be evaluated based on Internal Examination, Internal assessment, and Assignment
- Indirect assessment strategies are implemented by embedding the

Survey, Employer Survey, and Alumni Survey.

for the complete write up click the link

<https://www.vsm.edu.in/engineering/pdfs/C-2/2.6.2/2.6.2.pdf>

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.vsm.edu.in/engineering/p

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination d

228

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://www.vsm.edu.in/engineering/pdfs/AC

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institutional questionnaire) (results and details need to be provided as a weblink)

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

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research institution during the year (INR in Lakhs)

5.84215

File Description
Any additional information
e-copies of the grant award letters for sponsored research projects /endowments
List of endowments / projects with details of grants(Data Template)

3.1.2 - Number of departments having Research projects funded by government and non-governmental agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-governmental agencies during the year

5

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.yelu.in/comparative-research-agency

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

29

File Description
Report of the event
Any additional information
List of workshops/seminars during last 5 years (Data Template)

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

71

File Description
Any additional information
List of research papers by title, author, department, name and year of publication (Data Template)

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers published in international conference proceedings during the year

71

File Description
Any additional information
List books and chapters edited volumes/ books published (Data Template)

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students about social issues, for their holistic development, and impact thereof during the year

Extension activities are carried out in the neighborhood community, sensitizing students about social issues, for their holistic development, and impact thereof during the year

Response :

For the holistic development of students, various extension activities are carried out in the institute. Many of these extension activities are carried out in the so as to sensitize students about current social issues. It is expected that students will offer technological solutions to hard pressing societal issues through socially relevant project works, research studies, etc. Students should understand and respond to the needs of the local community and institute and provide possible support. Role of the Institution in extension activities is to be responsible for well-neighborhood society, to collaborate with other social organizations, to be more effective and to ensure the holistic development of the community.

Extension activities conducted for community: The following are links to extension activities [//www.vsm.edu.in/engineering/nsandnc.php](http://www.vsm.edu.in/engineering/nsandnc.php)

Various student chapters under various professional bodies were formed at departmental levels. Students actively participate and organise various chapters as per the departmental needs requirements for overall development.

File Description	Documents
Paste link for additional information	https://www.vsm.edu.in/engineering/nsandnc.php
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government and other recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from government and other recognized bodies during the year

2

File Description
Any additional information
Number of awards for extension activities in last 5 year(Data Template)
e-copy of the award letters

3.3.3 - Number of extension and outreach programs conducted by the institution through various forums etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

6

File Description
Reports of the event organized

Any additional information

Number of extension and outreach Programmes conducted with industry, community etc for t
Template)

3.3.4 - Number of students participating in extension activities at 3.3.3. above during

3.3.4.1 - Total number of Students participating in extension activities conducted in c
community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc

434

File Description

Report of the event

Any additional information

Number of students participating in extension activities with Govt. or NGO etc (Data Templat

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Stude
trip, On-the- job training, research etc during the year

19

File Description

e-copies of linkage related Document

Details of linkages with institutions/industries for internship (Data Template)

Any additional information

3.4.2 - Number of functional MoUs with national and international institutions, univer
houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international import
industries, corporate houses etc. during the year

7

File Description

e-Copies of the MoUs with institution./ industry/corporate houses

Any additional information

Details of functional MoUs with institutions of national, international importance, other unive
the year

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- lea
laboratories, computing equipment etc.

The institute is located in a lush green campus with a serene atmosphere. It has an extent of 7.5 Acres of land. Management interacts frequently with faculty and students about the changing trends and requirements for creation and enhancement of infrastructure facilities. Infrastructure is optimally utilized by faculty and students and availability periodically through reviews. To ensure its optimal use, while conducting regular classes, the classrooms are used for conducting certificate courses, annual and semester examinations; departmental meetings, mentoring sessions, association activities, indoor competitive meets, alumni meet, Technical Exhibition, training programme for the competitive examination center. Twenty Three class rooms are available with LCD projectors, internet connectivity and audio-visual facilities. Each classroom is equipped with sufficient number of ergonomically designed furniture for the students. Other facilities such as podium, white boards, black board marker pens, chalks are available in the class rooms to make the teaching process more effective. As per the policy matter, the institution has well equipped infrastructure like well Equipped Laboratories, Library, and separate canteen for Boys & Girls students on the campus, Canteen, Transport Facility, A Bandwidth is enhanced to 70 Mbps to encourage e-Learning and self learning. Chapter is available for the students/faculty to get training and courses. Department (s) have initiated and formed the clubs to carry out cultural activities and social activities

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsm.edu.in/engineering/pdf/AQAR/4/4.1.2.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor sports, outdoor sports, games) etc.

The institution utilizes a lot of its resources to provide an environment where they are encouraged to indulge in sports and extra-curricular activities for a holistic development and an all-rounded personality. Students are provided the guidance of qualified and specialized coaches. Every week, one hour is reserved for sports in the time table thus enabling the students to pursue their sports interests constructively to develop their physical skills as well as to find their passion. Regular training is provided to the students to develop extraordinary skills in different sports. These students are selected for various trials. They are trained and encouraged to participate in various events including intra college events, interuniversity events. Intra-college events are organized by the college in every semester to encourage students to participate and all sporting gear are provided to the students for major events. Participants are awarded with participation certificates. Winner and runners-up are awarded with medals and certificates. for complete details visit: <https://www.vsm.edu.in/pdfs/AQAR/4/4.1.2.pdf>

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsm.edu.in/engineering/pdf/AQAR/4/4.1.2.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart classrooms, etc.

42

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

42

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsm.edu.in/infrac
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year

10.555370

File Description
Upload any additional information
Upload audited utilization statements
Upload Details of budget allocation, excluding salary during the year (Data Template)

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The library of the college is situated to be easily accessible by a staff. Our library equipped with modern technology and upgrades also technologies. All the departments of the college have a separate direct access to the students/staff. The information regarding new arrival notice board. Our Library is automated using SOUL SOFTWARE to automate Search: Title, Author, Publication, Keywords, Classification no. 2. searching can be done with various combinations like Title, Author, Classification no.3. Accession Search: Search can also be done through without remembering the title or author of the book. This facilitates searching. Database like DELNET is actively used in library which is institutions and access is being given to more than 60 lakh records DELNET has been actively engaged with the compilation of various useful resources available in member libraries. It has already created the books, union list of current periodicals, CD ROM database. DELNET provides facilities including email to its member libraries including both individual associate institutional members. Library also has recorded videos which will be useful for teacher training and through them improve For this purpose 10 systems are provided WITH 60 bandwidth.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.vsm.edu.in/engineer

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of

File Description
Upload any additional information
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Tem

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- jour Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journa (INR in Lakhs)

310242.00

File Description
Any additional information
Audited statements of accounts
Details of annual expenditure for purchase of books/e-books and journals/e- journals during t Template)

4.2.4 - Number per day usage of library by teachers and students (foot falls and login for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

290

File Description
Any additional information
Details of library usage by teachers and students

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

College aims at providing the facilities to students so that they c resources to reach greater heights. To enable this, the institutio IT facilities to provide its students with the best of facilities. equipped with LCD projectors and most of them are supported by audi campus is monitored by CCTV facility. The college is facilitated wi accessible to the students as well as the teachers for academic and Printers are arranged in the office, staffrooms, library, exam bran total of 23 printers are arranged in the whole college for the func available. Open Wi-Fi is available in the college. Students are giv to this facility. There twenty are systems in library for browsing easy tracking of books in the library. Information about upcoming e website. This information includes the time and date along with det

for comple qlm visit: <https://www.vsm.edu.in/engineering/pdfs/AQAR/>

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsm.edu.in/engineering/pdf

4.3.2 - Number of Computers

520

File Description	Do
Upload any additional information	
Student - computer ratio	

4.3.3 - Bandwidth of internet connection in the Institution

A. \geq 50MBPS

File Description
Upload any additional Information
Details of available bandwidth of internet connection in the Institution

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and excluding salary component during the year (INR in lakhs)

28.51326

File Description
Upload any additional information
Audited statements of accounts.
Details about assigned budget and expenditure on physical facilities and academic support facilities (Templates)

4.4.2 - There are established systems and procedures for maintaining and utilizing physical facilities - laboratory, library, sports complex, computers, classrooms etc.

LABORATORY : The laboratories are furnished according to the statutory requirements. The cleaning of the machines is done by the support team in the presence of the faculty. The maintenance of the machines is recorded in a check list. Before the commencement of the academic year, a check-up is conducted and a report on the requirement of new equipment, replacement and modernization of machines/software is prepared along with requisition for purchase of nonconsumables as per the university guidelines to conduct experiments. The maintenance of machines is organized. In case of breakdown of equipment, the spare parts are replaced immediately.

breakdown register duly attested by the HOD. Preventive maintenance procedure is followed so as to ensure maximum availability of lab. Installation of antivirus and firewall ensure that the software is safe. A daily status check on the hardware and software condition of the Breakdown maintenance wherein the system fails due to SMPS problem recorded in a register. If the problem is minor, the technical staff rectify it.

for complete qm visit: <https://www.vsm.edu.in/engineering/pdfs/AQAR/>

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsm.edu.in/engineering/pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government agencies during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government agencies during the year

693

File Description
Upload self attested letter with the list of students sanctioned scholarship
Upload any additional information
Number of students benefited by scholarships and free ships provided by the Government during the year (Date Template)

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided government agencies during the year

672

File Description
Upload any additional information
Number of students benefited by scholarships and free ships institution / non- government agencies during the year (Date Template)

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following:
 Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to institutional website	https://www.vsm.edu.in/engineering/1%2020-21%20supporting%20documents
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counselling at the institution during the year

415

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counselling at the institution during the year

190

File Description
Any additional information
Number of students benefitted by guidance for competitive examinations and career counselling (Data Template)

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Ragging committee
Upload any additional information
Details of student grievances including sexual harassment and ragging cases

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

88

File Description	[
Self-attested list of students placed	

Upload any additional information

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

9

File Description

Upload supporting data for student/alumni

Any additional information

Details of student progression to higher education
--

5.2.3 - Number of students qualifying in state/national/ international level examination JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examination

5.2.3.1 - Number of students qualifying in state/ national/ international level examination (GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

1

File Description

Upload supporting data for the same

Any additional information

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the year

2

File Description

e-copies of award letters and certificates
--

Any additional information

Number of awards/medals for outstanding performance in sports/cultural activities at national /international level (During the year) (Data Template)
--

5.3.2 - Institution facilitates students' representation and engagement in various administrative and extracurricular activities (student council/ students representation on various bodies as per norms)

A student council is a representative structure that co-ordinates and extracurricular activities of the institution.

Student representation

Students are involved in the committees of seminars, conferences, workshops

of the student's council are selected from all the departments. The student council collects student feedback about process of the college. The council also plans co-curricular and extra-curricular activities. The institution nurtures students self governance capabilities giving them a running the day to day affairs of the college. Representative of the problems and other grievances on behalf of the students of the class

Alumni coordination cell will discuss the career opportunities in the real world and strengthen the institution alumni activities Respectively

Entrepreneurship development cell will make necessary arrangements to develop a culture amongst students to be self reliant. The institution also has a Social Welfare Scheme Unit this programme aims to teach social welfare to students and the society.

The committees focus on improving students harmony by conducting awareness programmes and strengthening the institutes academic facilities and procuring the necessary resources. It will also discuss the career opportunities in the real world competition on students educational programs. It nurtures the students towards academic excellence, personal development, and well being. Academic committee, Anti-ragging committee, magazine committee, library committee, IQAC, purchase committee, Hostel committee are functioning in the institution.

File Description	Documents
Paste link for additional information	https://www.vsm.edu.in/engineering/pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

100

File Description
Report of the event
Upload any additional information
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

VSM COLLEGE OF ENGINEERING, Ramachandrapuram was established in 2000 and has passed out in 2013.

An informal ALUMNI ASSOCIATION of VSM COLLEGE OF ENGINEERING was formed in 2013.

Giving back to an alumni association is a great way to keep the legacy of the future generations of students have the opportunity to pursue quality education. The students formed the Association with motto to maintain their warm relationship. In 2019 the College decided to initiate the formal registration process.

THE MAIN OBJECTIVES OF ALUMNI ACTIVITY COMMITTEE:

- To provide a forum to establish an association between the alumni and the Institution.
- To mentor the students of the Institution for higher education, and to be good citizens.
- To institute encourages with prizes and scholarships and render assistance to deserving students of the institute. To encourage and promote closer relations between the Institution and its alumni and among the alumni themselves.
- To promote and encourage friendly relations between all members and to show interest in the welfare and well-being of the Institution.

for complete qm visit: <https://www.vsm.edu.in/engineering/pdfs/AQAF>

File Description	Documents
Paste link for additional information	https://www.vsm.edu.in/engineering/pdfs/AQAF/5/5.4.1%2020-21%20Alumni%20Activity%20Committee%20Report.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) A. \geq 5Lakhs

File Description	Documents
Upload any additional information	

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution.

The vision of the Institution permeates and is manifested in the activities and the goals of this institution. Such kind of visionary Strategy for either side of the cases like Students and its faculty of the college. To attain good governance of the college, the Governing Body from different institutional committees, In order to implement all different statutory and non-statutory bodies with designated roles have been assigned for good and better governance which also brings transparency. Collectively Sketch out Opinions from the advisory committee to delegate authority to the Departments and in the name of various committees of the institution. The recommendations of the committees including IQAC are implemented. However, the institution promotes the culture of participation.

the levels of management, Principal, HOD's faculty non-teaching staff faculty is actively involved in planning and implementing the academic calendar for effective teaching learning Process where the class room is certainly done by the pupil centric methods. Alumni and parent - testimonials elucidate the information on the development of the institution, students share their view as class representative and other events coordinated conducted with the management to collect views for developing institutional activities. So as to reflect the vision and mission of the college.

File Description	Documents
Paste link for additional information	https://www.vsm.edu.in/engineering/pdf
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralized management.

The college involves all the stakeholders in decision making process and rules & regulations to ensure smooth and systematic functioning institution has decentralized and transparent mechanism in management financial and academic affairs. This mechanism is delegating authority from the top level management to low level and allows the top management making and major decisions. The Governing body is the highest decision formulates/ amends rules and regulations, delegates powers and responsibilities Committees, Principal, Heads of the Departments (HoDs), and Heads of constitution of statutory committees like Governing body, College Academic Finance Committee are systematically carried out with specified functions responsibilities as per the requirements to the regulatory/statutory committees play a major role in policy making of governance, academic and teaching learning. The decentralized mechanism exists even at the Every department has Program coordinators at UG and PG level to look each program. Decisions at department levels are taken by well-structured Department Academic committee, Program Assessment committee, Department Committee, Department Development Committee, Class Review Committee

File Description	Documents
Paste link for additional information	https://www.vsm.edu.in/engineering/pdf/6/20-21,%206.1.2%20UPLOAD%20ANY%20ADDITIONAL
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Strategic Plan seeks to leverage the strengths of VSM College and upon them and acquire new potentials. In particular, the Strategic the faculty working on transformational technologies having potential societal challenges - specifically in areas such as water, energy, waste management etc. The detailed strategic plan and its complete Institution website. The plan is developed with the aim of achieving

optimum utilization of resources. The management has identified several strategic directionality (both short and long term) for the institutional areas:

Teaching-Learning and Evaluation

Research, Innovations and Extension

Infrastructure and Learning Resources

Student Support and Progression

Governance, Leadership and Management

Institutional Values and Best Practices

To facilitate better planning and implementation, IQAC is formed among senior administrators and teachers. The IQAC meets periodically to discuss plans/measures for strengthening the above mentioned aspects. The decisions of the IQAC meeting is taken into quality policy where each proposed measure is developed into an action plan for implementation and the same is monitored through regular reviews of compliance to strategic plan.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.vsm.edu.in/engineering/6/20-21,%206.2.1%20additional%20information
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from appointment and service rules, procedures, etc.

The Governing Body of VSM College of Engineering is the statutory body of the college carrying out functions and responsibilities in pursuit of its mission and core values. It is constituted as per the norms of AICTE University (JNTUK) & Govt. of A.P, wherein the members of the board provide adequate representation. The GB meets twice a year to deliberate on and approves the minutes of the committees which report to the GB. In the minutes of the academic committee, fixing the fee structure, budget committee and new initiatives for the future regarding the intake are presented to GB for approval. It has a robust framework for governance with 48 statutory and non-statutory functional committees.

File Description	Documents
Paste link for additional information	https://www.vsm.edu.in/engineering/6/20-21,%206.2.2%20Functions%20of%20the%20Governing%20Body
Link to Organogram of the Institution webpage	https://www.vsm.edu.in/engineering/6/20-21,%206.2.2%20Organogram%20of%20the%20Institution

Upload any additional information	View File
6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above
File Description	
ERP (Enterprise Resource Planning) Document	
Screen shots of user interfaces	
Any additional information	
Details of implementation of e-governance in areas of operation, Administration etc (Data Te	

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The Institution provides effective welfare measures to both teaching and non-teaching staff. All statutory welfare measures are implemented. Various welfare measures for professional growth are being followed to the satisfaction of the norms of AICTE, 6th Pay commission recommendations are implemented. Employees are covered under PF and gratuity schemes as per AICTE norms. Employees are covered under PF and gratuity schemes as per PF Rules). Study, Maternity and Medical leave are provided to the needy staff. Sanction of SCL, OD for Conferences, Workshops, FDI for university-related work. Festival & Medical Advance extended to all employees. Loans are provided for vehicle and laptops to both teaching and non-teaching staff. month salary as loan in advance is given without interest and the student can repay in 10 EMIs. Financial assistance to attend Conferences, Workshops, FDI fees, dearness allowance, travel grants for faculty attending conferences is provided. Cash incentives provided for best research work. Faculty members are provided with a library for a period of one semester.

File Description	Documents
Paste link for additional information	https://www.vsm.edu.in/engineering/6/20-21,6.3.1%20additional%20inf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops/ membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops/ membership fee of professional bodies during the year

40

File Description
Upload any additional information

Details of teachers provided with financial support to attend conference, workshops etc durir
Template)

6.3.3 - Number of professional development /administrative training programs organiz teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programr for teaching and non teaching staff during the year

5

File Description
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).
Reports of Academic Staff College or similar centers
Upload any additional information
Details of professional development / administrative training Programmes organized by the U teaching and non teaching staff (Data Template)

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Progr (Professional Development Programmes, Orientation / Induction Programmes, Refresh etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes v Programme, Refresher Course, Short Term Course during the year

30

File Description
IQAC report summary
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)
Upload any additional information
Details of teachers attending professional development programmes during the year (Data Te

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The Institution has a formal annual performance appraisal for both staff conducted every year. Self-Appraisal is collected once in an beginning of the academic year the faculty appraisal format is shar teaching and non-teaching staff of the department so that faculty n the appraisal measurement criteria. The faculty is required to subm forma of self-appraisal which is based on "Performance Based Apprai regulations. Student feedback is collected and assessed once in a s self-appraisal is evaluated by HODs based on the above criteria and the Principal. The consolidated API scores are analysed, reviewed a are taken accordingly.This system helps the staff in setting up new their strengths and weaknesses. Based on the Annual appraisal the t staff are given increments and this is one of the parameters in giv respective cadre. On an average 95% of the staff are given incremer

and 10% are promoted in their respective cadre.

File Description	Documents
Paste link for additional information	https://www.vsm.edu.in/engineering/6/20-21%20,6.3.5%20additional%20in
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the financial audits carried out during the year with the mechanism for settling audit objective words

Financial planning is exercised well in advance for efficient budget on periodic intervals through Accounts committee under the supervision of Principal, management representative, HOD and account personnel in all academic departments and administrative sections of the institute. The budget after taking into account of the sources of earnings and allocates fund for the salary of its faculty and staff. Infrastructure development, research, library, canteen, hostels are the other recurring institution monitors the earnings by the admissions of the students in the form of deposits (loans from banks), income derived on deposits. Salary component, infrastructural requirement based on increased expenditure on equipment in laboratories, furniture, books, journals and sundry expenses. This study is carried out in association with the management accountant, HODs based on previous year expenditure

File Description	Documents
Paste link for additional information	https://www.vsm.edu.in/engineering/6/20-21,6.4.1%20additional%20in
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropists (covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropists (Lakhs)

6

File Description
Annual statements of accounts
Any additional information
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropists year (Data Template)

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

VSM College of Engineering is a self-financing Institution. The major source of income for the college is the annual fee collected from students. The fee is collected as per the guidelines fixed by the State fee regulatory authority. The fee is deposited in a bank and withdrawn periodically as per the requirements of the college. The interest earned on these fixed deposits is being utilized for the needs of the college. In addition, funds are also mobilized through consultancy and through projects from AICTE, UGC, DST, FIST, DRDO, Industry sponsored projects, philanthropic/ alumni contribution. Faculty will purchase the equipment for travel and stipend for research associates from the research projects. Other minor sources are: fee collections for the other services rendered by the college, fee, collections for workshops and skill enhancement activities. The budget is prepared well in advance for the organization with efficient budgeting in both academic and administrative sections of the institute

File Description	Documents
Paste link for additional information	https://www.vsm.edu.in/engineering/6/20-21%206.4.3%20additional%20information
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutional strategies and processes

As per the guidelines of NAAC, an Internal Quality Assurance Cell (IQAC) is established as a post accreditation quality sustenance and enhancement driven by a competent team comprising Principal, Professors, Alumni and students. Chairman, IQAC is part of all major committees and provides support to all the academic activities and recommends student centric activities. At VSM has significantly contributed to meet the standards of Institute by formulating and implementing a predefined process or all the activities for institutionalizing the quality assurance strategies and processes. The following are the various aspects of the institution are:

Admission Quality, Student Profile Placement Quality, Admissions Feedback Analysis, Feedback Analysis Participation of student in Guest Lecture Day to day attendance monitoring Success of Passed out students, Student Awards and recognition received by students Alumni Profile/Distinguishing Quality, Quality of Research publications Consultancy, Research Projects /Conferences organized/ participated Patents Applied / Awarded Book /Edited Awards and recognition to faculty No of Collaborations Classroom Auditorium, Hostel Quality Number of ICT Programs.

File Description	Documents
Paste link for additional information	https://www.vsm.edu.in/engineering/6/20-21,6.5.1%20additional%20information
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies & outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental activities

The institution reviews its teaching learning process, structures & operations through Academic Departments. The IQAC is responsible for coordinating and monitoring academic assessment activities to effect learning. All the heads of the departments, deans and nominated teachers constitute the Institute Academic Committee and is chaired by the head, IQAC. The Committee meets every month as a scheduled activity and monitors all activities. The Internal Quality Assurance Cell Supports the activity by involving the institute, and audits the departments as a calendar activity every year. It also conducts an External Audit for the Academic as well administrative activities. It prompts the departments to implement the recommendations of the Audit. The Cell also supports in anchoring the academic review activities such as: course review, prepared well in advance before the commencement of class work for the semester. It is collected twice in a semester. It is communicated to Faculty and Heads of Departments and necessary measures are taken. Ongoing course review is done by faculty through class Review Committee Meetings Attendance register, day-to-day outcome mapping and the delivery mechanism. Every Faculty member is responsible for the subjects

File Description	Documents
Paste link for additional information	https://www.vsm.edu.in/engineering/6/20-21,6.5.2additional%20information
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.vsm.edu.in/engineering/6/20-21,%206.5.3%20additional%20information
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the

Response :

VSM College of Engineering nurtures students to be technically competent students are aware of social and civil responsibilities. The institute gender issues and with regard to sexual harassment, it has zero-tolerance and security is one of the priority areas for the institute.

Gender equity & sensitization in curricular and co-curricular activities

One of the important objectives of VSMCoE is to provide education to the requirements of various sections of the society with a special sensitivity and gender equality. At VSM students of both the genders to develop to their optimum potential. Some of the efforts made by women empowerment are highlighted below:

The annual gender equity and sensitization action plan includes the curricular initiatives that were prior planned and further executed special programs, especially during International Women's Day, where staff take part in large numbers.

for remaining qm visit: <https://www.vsm.edu.in/engineering/pdfs/AQ>

File Description	Documents
Annual gender sensitization action plan	https://www.vsm.edu.in/engineering/pdfs/AQ
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.vsm.edu.in/engineering/pdfs/AQ/7/7.1.1_specific%20facilities%20provided

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the a

File Description	Docu
Geo tagged Photographs	
Any other relevant information	

7.1.3 - Describe the facilities in the Institution for the management of the following types of waste degradable waste (within 200 words) Solid waste management Liquid waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste

VSM College has made efforts towards a sustainable environment by proper waste management and implementing the policy of reducing, reusing and recycling. The institute has also made efforts to sensitize its students on waste disposal by participating in the Swatch Bharat Abhiyan. Management

degradable waste is one of the important agenda. The institute has for disposal of different types of waste and ensure environment in environment friendly.

Solid Waste Management:

Being an institute with residential facility, considerable quantity waste is generated in the premises. Biodegradable wet waste is most kitchens. Food waste generated in these kitchens is sent to cattle vermicompost. A small unit of vermicompost is also created in the c vermicomposting unit is an outcome of academic activities being int projects taken up by students. In classrooms, offices, mostly paper wrappers are generated.

for remaining qlm visit:<https://www.vsm.edu.in/engineering/pdfs/AQA>

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	Vi
Geo tagged photographs of the facilities	https://www.vsm.edu.in/engineering/pdfs/AQA
Any other relevant information	Vi

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of t

File Description

Geo tagged photographs / videos of the facilities

Any other relevant information

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. landscaping with trees and plants

A. Any 4 or All of t

File Description

Geo tagged photos / videos of the facilities

Any other relevant documents

7.1.6 - Quality audits on environment and energy are regularly undertaken by the inst

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of t

File Description

Reports on environment and energy audits submitted by the auditing agency

Certification by the auditing agency

Certificates of the awards received

Any other relevant information

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of t

File Description

Geo tagged photographs / videos of the facilities

Policy documents and information brochures on the support to be provided

Details of the Software procured for providing the assistance

Any other relevant information

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment towards cultural, regional, linguistic, communal socioeconomic and other diversities (with

Response :

An inclusive environment is one in which members feel respected by another. VSM believes in cultural diversity and cultural tolerance harmony and has a diverse range of student body as well as employee Students admitted through centralized admission process is reflects entry level and acceptance of all students from diverse regions, ac linguistic competencies.

The analysis has shown that students at the institute come from div such as North India, South India and from different religion such a Christians, Buddhist, Jains and Sikhs.

Irrespective of the state or the religion the institute practices c deepening mutual understanding and trust. Regardless of the cultura focuses on developing the students through academics, co-curricular activities

for complete qlm visit: <https://www.vsm.edu.in/engineering/pdfs/AQA>

File Description
Supporting documents on the information provided (as reflected in the administrative and ac the Institution)
Any other relevant information

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations and responsibilities of citizens

The courses 'Constitution of India', 'Professional Ethics' and 'Cyl curriculum. UG students are sensitized about fundamental rights, di duties of citizens. Important outcomes of this course are to ensure constitutional knowledge and they understand the responsibilities c

Apart from working towards academic excellence, the institute striv responsible citizens of this country. Through various programs and employees are sensitized about various constitutional obligations. students enthusiastically involve in all the programs arranged for obligations.

Every year 'Independence Day' and 'Republic Day' is celebrated with constantly remind the faculty and the students with respect to the freedom fighters and recollect their contributions. During these ce duties, and responsibilities of citizens are stressed by invited gu speak about fundamental rights & duties, Human rights and directive constitution

for complete qlm visit: <https://www.vsm.edu.in/engineering/pdfs/AQA>

File Description
Details of activities that inculcate values; necessary to render students in to responsible citiz
Any other relevant information

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description
Code of ethics policy document
Details of the monitoring committee composition and minutes of the committee meeting, nur programmes organized, reports on the various programs etc., in support of the claims

Any other relevant information

7.1.11 - Institution celebrates / organizes national and international commemorative day:

Every year institute celebrates national and international commemorative festivals on the campus which promotes desired harmony amongst students. Selected events organized/ celebrated in the recent past are highlighted below.

National youth day on occasion of Swami Vivekananda Jayanthi (12th Jan): The message put forth by Swami Vivekananda and the role of the youth in building the Nation and the Society.

Republic Day (26th Jan): Students, Staff and Management hoist the National flag and recollect the importance of protecting the constitution and contribute to the vision of B.R. Ambedkar in framing the constitution. Principal, HODs, teaching & research staff and students of the institute participated in 71st Republic Day Celebrations on the campus.

International Women's Day (8th March): Reputed Women personalities delivered talks. The women achievers are awarded on this occasion.

for complete qm visit: <https://www.vsm.edu.in/engineering/pdfs/AQA>

File Description

Annual report of the celebrations and commemorative events for the last (During the year)

Geo tagged photographs of some of the events

Any other relevant information

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC Manual.

Best Practice I: Title of the Practice: Objective Outcome Based Education

Objectives: To focus on student learning outcomes. To train Graduates for industry/entrepreneurship/research

- To ensure Continuous Quality Improvement

Context: Along with the traditional methods of teaching, Outcome Based Education is implemented in the institute. The traditional method focusing on 'covering the content' has been replaced by 'learning by the student' and has been generating employability. The content-driven approach to teaching has been replaced by a student-centered approach where instructional objectives and learning outcomes are comprehensively planned and informed to students. Stress on Lower Cognition and Student assessment is not aligned to program outcomes.

Practice:

Our institution is an affiliated college. As per the University guidelines, the assessment test, practical examination and university examination are used for assessing the academic performance of the student. OBE includes quality

presentations, etc., adopting Blooms Taxonomy. Continuous counselling the importance of these activities in their academic and professional the students to participating in the OBE activities.

for complete qlm visit: <https://www.vsm.edu.in/engineering/pdfs/AQA>

File Description	Documents
Best practices in the Institutional web site	
Any other relevant information	

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and

Teaching - learning as thrust area

The Vision of the institution is "To provide an excellent technical development of global engineers with strong entrepreneurial skills indicates the commitment of the institution to teaching and thereby students. The institution is predominantly over decade has evolved teaching-learning with other development verticals such as research consultancy, industry interaction and entrepreneurship. In these years been progressively achieving results in all other verticals besides teaching - learning.

Priority:

"Konaseema" region of Andhra Pradesh is backward in education. The opportunities to the students in this region were scanty. The setting this rural region in 2009 was to provide quality technical education generation engineers.

for complete qlm visit: <https://www.vsm.edu.in/engineering/pdfs/AQA>

File Description	Documents
Appropriate web in the Institutional website	
Any other relevant information	

7.3.2 - Plan of action for the next academic year

- Research Centre recognition from JNTUK.
- Improve the no. of journal publications by faculty members.
- Improve the graduate success rate of students from all the departments.
- Improve the placement rate with IT product based companies.
- To increase the no. of University Rank Holders.
- Modernization and sophistication of department laboratories with advancements with the financial assistance from funding agencies.

- Encourage and support the faculty for filing a greater number c
 - Motivate and support more no. of faculty to pursue and complete
 - Attaining autonomy so as to offer industry relevant curriculum required by the industry.
 - To achieve NBA Accreditation Status for the Program
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