



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	SANMATI ENGINEERING COLLEGE, WASHIM
• Name of the Head of the institution	Dr . P . S . Jaruhar
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07252234302
• Mobile no	7507802000
• Registered e-mail	principal@sanmati.in
• Alternate e-mail	walchale@gmail.com
• Address	At.Swargaon Barde, Washim - Malegaon Road, Washim.
• City/Town	Washim
• State/UT	Maharashtra
• Pin Code	444505
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	Sant Gadge Baba Amravati University, Amravati				
• Name of the IQAC Coordinator	Prof.Raj Ghadge				
• Phone No.	07252234303				
• Alternate phone No.	07252234303				
• Mobile	8551841000				
• IQAC e-mail address	iqac@sanmati.in				
• Alternate Email address	principal@sanmati.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.sanmati.in/index.php/national-assessment-and-accreditation-council-sanamti-engineering-college/aqar-2019-2020				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.sanmati.in/images/S_a_cademic_cal/Academic_Calender_2020_21.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.29	2019	18/10/2019	18/10/2024
6.Date of Establishment of IQAC			26/06/2017		
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			Yes		

<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	4
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> • If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
Conducted Life skill Training Workshop with Rubicon in Online mode	
Implemented the use of Mastersoft ERP Software.	
Conducted Online Yoga Day	
Conducted 4th National Conference on Recent Development in Science, Engineering and Technology	
Conducted Induction Program for newly admitted students with MACCIA.	
Conducted One week Workshop on Artificial Intelligence and Future of Engineering	
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 style="text-align: center;">Induction Program</p>	<p>1. Students understood the importance of the field in which they are admitted. 2. Students understood the academic and administrative processes of the institute. 3. The program helped the students to cope up with the new environment of technical education. 4. Students interacted very well with the expert persons of MACCIA having good knowledge of current industrial scenario.</p>
<p style="text-align: center;">National Conference RDSET 2021</p>	<p>1. Received research, innovative ideas from the experienced professionals. 2. Got a chance to connect with experts and become a part of a unique scientific community. 3. Accesses to a core audience of professionals and decision makers. 4. Communicated with researchers, academicians and professionals. 5. Cultivate and develop the ideas about science, engineering and technology. 6. Publish work in renowned Journals.</p>
<p style="text-align: center;">ISO 9001:2015 Certificate</p>	<p>Institute compliances with the requirements of quality management system.</p>
<p style="text-align: center;">Organized Expert Lectures</p>	<p>Conducted expert lectures and provided industry working coverage to students</p>
<p style="text-align: center;">Organized FDP</p>	<p>Conducted One week Workshop on Artificial Intelligence and Future of Engineering</p>
<p>13. Whether the AQAR was placed before statutory body?</p>	<p>No</p>

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	18/01/2022

Extended Profile

1. Programme

1.1	280
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	632
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	250
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	185
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	51
File Description	Documents
Data Template	View File
3.2 Number of sanctioned posts during the year	0
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	16
4.2 Total expenditure excluding salary during the year (INR in lakhs)	29.69
4.3 Total number of computers on campus for academic purposes	180

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

- Our Institute follows syllabus (for all UG and PG courses) and academic calendars provided by Sant Gadge Baba Amravati University (SGBAU), Amravati as our Institute is affiliated to it.
- As per the guidelines provided in university calendar

regarding dates of start of session, end of sessions, exam schedules and holidays, academic calendar of college prepared by Dean Academics through the discussion with all Heads of respective departments.

- The Time Tables and load distribution of each department is prepared well in advance so that assigned teachers will get enough time for preparation of teaching plan, course files, notes, questions banks etc.
- The students are given a choice to select the elective courses listed in the university curriculum.
- In addition with chalk & board method for effective curriculum delivery teachers are advised and encouraged to make use of ICT tools and Learning Management system available in Institute. To help students to improve their learning in a more interactive way lectures by experts from academia and industry are organized in every semester.
- As per the area of interest of students and latest trends, projects are assigned to final year students. Projects are monitored by respective guides through project progress seminars and presentations.
- Head of department conducts meeting with faculty members to take review of syllabus coverage, attendance and Sessional results and forward it to the Principal.
- Method of Continues internal evaluation of the student with respect to practical's, assignments, Sessional tests, seminar & projects is adopted by the institute as per university guidelines.
- For enhancing learning experiences academic seminar are conducted for the final year students at the end of semester.
- Industrial visits, seminars, workshops, paper presentations are planned and executed depending on the need of the curriculum.
- Necessary actions are taken for slow learners by conducting remedial classes and for advanced learners by conducting expert lectures, soft skill programs, providing knowledge about technical paper writing, project guidance.
- Oral/Practical examinations are conducted as per University norms after theory examinations.
- Result analysis is carried out by the departments after the declaration of university results.
- Internal Academic audits are conducted by principal in presence of respective HOD at the end of each session which includes complete analysis report of each department. Necessary actions and suggestions are provided as per the analysis report to respective faculty members. Feedback is taken from the stakeholders in structured format at the end of

each semester.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	https://www.sanmati.in/images/S_academic_cal/Academic_Calender_2020_21.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

To evaluate Academic improvements , Continuous Internal evaluation (CIE) is implemented in each semester under the guidelines of university. The college adheres the syllabus prescribed by the university. An academic calendar clearly specifies the dates of various academic events to take place during the academic session. The evaluation system, as adopted by the Institute, has two components viz. 1. The Continuous Internal Evaluation (CIE) 2.The End Semester Examination (ESE) The ratio of Weightage is 20 in CIE and 80 in ESE for UG (for theory) and for practical, is 50 both for CIE and ESE. The internal assessment is based on : Sessional Tests, Assignments and Attendance. For effective implementation of Continuous Internal Evaluation (CIE) system at the institutional level, the institute conducts two Sessional Tests in each semester. The conduction of sessional test is done at the department level along with the setting of questions papers, seating arrangement, invigilation and result declaration on notice board. The tests papers are evaluated within three working days from the last date of examination and evaluated answer sheets are distributed among students for clarification and discussion in the class. The tests marks obtained by the students are also displayed on respective department notice board for their information. It makes the evaluation process transparent without any biasing. The results of all the components of internal assessment such as assignments, attendance Sessional Test etc. are made available on the notice boards. If still there exists any grievance regarding the revision of the awarded grades/marks, student may appeal to HOD. The answer Sheets are given back to the students after evaluation for their information, providing sufficient transparency and accountability. CIE marks are shown to students along with their answer Sheet by the teacher concerned, enabling them to have access to the evaluated answer Sheet before the marks are forwarded to the examination section. CIE Components also includes, home assignments, Viva-voce at department level .

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.sanmati.in/images/S_academic_cal/Academic_Calender_2020_21.pdf

1.1.3 - Teachers of the Institution participate in B. Any 3 of the above 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

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

1.2 - Academic Flexibility

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

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

6

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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 requirement for year: (As per Data Template)

9

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

365

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

1.3 - Curriculum Enrichment

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

The present curriculum of the affiliating University has integrated cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics through following courses: 1.Environmental Studies: Environmental Studies is compulsory course for every program which addresses the issues related to environment and sustainability. Course contents are helpful to create awareness about climate change, pollution, water conservation etc. among the students. 2.Communication Skill (Course code: 5CE06, 6ME06, 5KS06, 5EE06, 5XT06): Communication skill course is offered to all the programs, which covers communication abilities, social networking, and professional ethics. 3.Professional Ethics (Course code: 6KS06): Professional ethics is the compulsory course for computer science engineering students which includes the personal and corporate standards of behavior expected by corporate. 4.Engineering Chemistry (Course code: 1B2): This a compulsory course for all the first year engineering

students. The part of this course is related to the environmental chemistry covering ill effects of pollution like ozone layer depletion, acid rain, greenhouse effect, etc. 5.Non-Conventional Energy Sources (Course code: 7ME05): This is one of the elective courses offered by Mechanical Engineering department which covers various non conventional energy sources like tidal energy, solar energy, wind energy, etc. It provides the present scenario of energy consumption and the development of sustainable and eco-friendly energy sources. 6.Environmental Engineering-I (7CE04): This is compulsory course for civil engineering which covers environmental issues like Quantity Estimation of water, Water quality, Aeration, Filtration, Disinfection and Distribution system

Extra Initiatives of the Institute: Apart from above courses Sanmati Engineering College has been conducting activities in the neighborhood community to create social awareness and communal harmony among the people who are disconnected from the main stream of Society. Institute organize health check- up camp, blood donation camp, Pulse Polio Immunization program etc. in association with other institute, Govt. Hospital Washim and recognized bodies like Lady Hardy Hospital, Akola. Involvement in such service-learning activities helps students to become mature and socially responsible. Students are motivated to participate in need based outreach activities, such as 'Swachha Bharat Abhiyan', campus cleaning, tree plantation, awareness programs about diseases like dengue, swine flu, AIDS etc. Participation in such activities imbibed the sense of national integrity, environmental and social responsibility among them. Recently Sanmati Engineering College has started "Unnat Bharat Abhiyan" a central Governments flagship Program launched with the objective to understand and work in villages (rural areas). The Institute has adopted five villages around Washim District. According to the strategy of UBA currently our institute is working on survey of adopted villages for need analysis.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

4

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

284

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://vwjain.group/sec/index.php/agar-2020-21/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

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

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://vwjain.group/sec/wp-content/uploads/2022/03/1.4.1.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 students admitted during the year

235

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per 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

227

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

2.2 - Catering to Student Diversity

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

After the admission process of DTE of the students to various courses, the college and individual teacher uses assessment methods and different indicators for evaluating student's performance and achievement of learning objectives. Different measures taken for slow and advanced learners are as follows:

For Slow Learners following measures are provided Teacher Guardian scheme is adopted for counseling the students. Each teacher is allotted specified students so that teachers can pay full attention on student's academics and help them in friendly way to solve their queries. Remedial Classes are conducted as per schedule in the early morning session or after the college hours.

For Advanced Learners Advanced learners are motivated to strive for higher goals. They are provided with additional inputs and extra activities. The students are insisted involvement in national level conferences and technical paper writing. Soft skills programs are arrange in order to cultivate different skills. The workshops and guest lecturers from the expert persons from the academics and industry are arranged regularly for students on different topics. Encouraging them with extra care to obtain University Ranks. Innovative project ideas are shared with the students for further studies. Competitive Exams counselling and Carrer guidance programs are also conducted in college as well as in online mode.

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/2.2.1.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
632	51

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

All the faculties prepare their teaching plan for theory courses at the start of each semester. At the start of the session fundamentals are taught for better understanding of subject. Regular classes are conducted as per the curriculum prescribed by Sant Gadge Baba Amravati University Amravati. For enhancing learning experiences following initiatives are implemented. Subject based experiments with practical application conducted in laboratories. For Final year students projects are assigned on the basis of subject interest and latest trends. Projects are monitored by respective guides through project progress seminars and presentations. Final year students mandatorily prepare and deliver seminars on recent advancements in the fields of Engineering. Training programs and soft skill development programs conducted in a session to improve skills among the students. Teacher Guardian scheme is actively working for resolving issues related with subject understanding. Students are encouraged to participate in Conferances, technical paper presentation contest organized by institute as well as other institutes. Students association of the respective departments like CSESA, EESA, CESA and MESA etc. arranged various workshops, guest lecturers and other activities for participative and experimental learning with the support of faculty of departments. In addition with chalk & board method for effective curriculum delivery teachers are advised and encouraged to make use of ICT tools and Learning Management system available in Institute for better understanding. Extension activities provide good platform for students to aware about social responsibilities through participative way. The library plays an important role in facilitating the students.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/2.3.1.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The institute always aims to provide up-to-date ICT infrastructure for its students, professors, and technical personnel.

The students learning experiences are enhanced by the teachers' use of educational technologies and the effective usage of ICT-enabled tools. Institute has dedicated digital classrooms for all programs with the use of multimedia teaching aids like projectors, internet-enabled computer/laptop systems, and the teacher's use the modern teaching aids. Institute has 11 smart classrooms and ICT enabled with projectors & wifi. Grooming/communication skills/Mock tests are conducted using ICT-enabled tools. The library had subscribed to Delnet which a large number of e-journals in Engineering, Science, Management and provides access to online and offline databases. faculty members shares web and video courses from NPTEL. The entire academic process is managed by the university's integrated academic management system. The institute has also implemented an ICT-based student admission and payment system for college fees / exam semester fess etc. Seminar hall is equipped with multimedia facilities.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

51

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

2.4 - Teacher Profile and Quality

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

51

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (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 / D.Sc. / D.Litt. during the year

02

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

51

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Mechanism of internal assessment consist(1) Continuous Internal Evaluation (CIE) at institute level &

(2) Assessment by the University.

The faculty members assess the students throughout the semester through two sessional test, attendance etc. The semester wise academic calendar which lists the schedule of internal assessment is displayed on all the notice boards and followed strictly. The conduction of sessional test is done at the department level along with the setting of questions papers, seating arrangement, invigilation and result declaration on notice board. The tests papers are evaluated within three working days from the last date of examination and evaluated answer sheets are distributed among students for clarification and discussion in the class. The tests marks obtained by the students are also displayed on respective department notice board for their information. It makes the evaluation process transparent without any biasing. The results of all the components of internal assessment such as assignments, attendance & Sessional Test etc. are made available on the notice boards. If still there exists any grievance regarding the revision of the awarded grades/marks, student may appeal to HOD. Monthly attendance reports are prepared. The parents are informed about the performance in internal assessment and attendance of their wards frequently by telephonic communication. It is known to students that if they fail to complete any component of internal assessment under extraordinary circumstances such as the death of any family member, accident, and hospitalization, the teacher would arrange additional assignment for them.

File Description	Documents
Any additional information	View File
Link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/2.5.1.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The tests papers are evaluated within three working days from the last date of examination and evaluated answer sheets are distributed among students for clarification and discussion in the class. The tests marks obtained by the students are also displayed on respective department notice board for their information. It makes the evaluation process transparent without any biasing. The results of all the components of internal assessment such as assignments, attendance & Sessional Test etc. are made available on the notice boards. If still there exists any grievance regarding the revision of the awarded grades/marks, student may appeal to HOD orally or by written. Mechanism to deal with University Exam related grievances After declaration of University results, the desirous student can get the photo copies of Answer books (University theory exams) from University, for redressal as per the procedure laid down by the University. If the grievance is related to university examination then the students is asked to lodge the complaint/grievance to controller of exams of the university. The student's application of the complaint/grievance is submitted by the college to the University after taking the remarks of class counselor, subject teacher, HOD and Principal. The mechanism for redressal is provided to the students, with a view to bring transparency and credibility in the University examination. The student has to submit the prescribed application form to the confidential section of the University within fifteen days from the date of the declaration of general result of the relevant examination. On receipt of photo copies of desired answer books, if the examinee is not satisfied with the marks awarded to him/her, he/she may apply for redressal to the University in the prescribed form within ten days from the prescribed date of the collection of photo copies.

File Description	Documents
Any additional information	View File
Link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The program outcomes (POs), Programme Specific Outcomes (PSOs) and course outcomes (COs) are clearly stated in each programme offered by the Institution. These COs, POs & PSOs are strictly followed by each department throughout academic year. The POs stands for what students are expected to know after successful completion of their Degree. It related to their skills, behavior, and Knowledge that students acquire from their respective programs offered by the Institution. The COs is defined as per syllabus. The students are expected to reveal their skills that they learn while pursuing their degrees. The COs is the learning outcomes that the students learn at the end of each Course. The COs are prepared by the Faculty. The Course Objectives & Outcomes are conveyed to the Students by the respective Subject Faculty at the Commencement of each Semester. At the beginning of every course, the faculty member discusses the course outcomes in the classroom as well as in the laboratory. The Cos is clearly inculcated in them so that there will not be any hesitation in the minds of students to imbibe knowledge. POs, & COs are also displayed on notice boards of HOD cabin and every laboratory of the departments. The vision and mission statements, POs and COs for all the courses are are kept available on the website of the institute and are displayed at prominent places and at various key points in the Institute.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/2.6.1.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

It is evaluated by Direct way. In a direct way, the number of course Outcomes (COs) are kept equal to the number of units or topics given in the syllabus, which ensures one significant learning outcome corresponding to each topic. Attainments of COs are measured by direct methods. The Direct attainments of COs are determined from the performances of students in Continuous Internal Evaluation (CIE). CIE is based on Two Sessional Tests and other components such as Assignments, Viva/oral etc. When there is no attainment gap or attainment gap is negative, faculty member enhances the CO target when he/she offers the course next time. If the gap in attainment is found, faculty member is suggested to improve the teaching-learning process. Direct Method Evaluation of attainment of POs and PSOs is based on the mappings from COs to POs and PSOs. Strength of mapping is defined at three levels: Low (1), Medium (2) and Strong (3). The program level Course-PO matrix is prepared for all the courses.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/2.6.2-CO-PO-Attainment-FINAL.xlsx

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 during the year

197

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://vwjain.group/sec/wp-content/uploads/2022/03/6.5.3-Annual-Report_compressed.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://vwjain.group/sec/wp-content/uploads/2022/03/2.7.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

NA

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

0

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

00

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute has promoted research culture among its faculty. The institute encourages its faculty and students to participate in research activities. The Heads of all the departments keep coordination and monitor research activities in the college. Faculty members have enrolled for Ph.D programmes in concerned universities and are also granted duty leave by the college for carrying their research work. The college has also subscribed to different journals in various areas for the reference to faculty and students. Along with that each department has computer laboratory with internet facility for the research work. Faculty members and students are being encouraged to attend workshops seminars and training programmes at reputed institutes for their benefit and promoting research culture. The college holds seminars and conferences every year. Research papers are published in national / international /conference proceedings as well as journals listed on the UGC website. SEC policy of encouraging students via project based learning is an innovative practice aimed at supporting ideas incubation during the period of their learning at the institute. Entrepreneurship development being the most critical aspect of engineering program has been given due emphasis and focus at SEC. Under this initiative the SEC organizes number of value added programs supporting to Entrepreneurship skills development programs highly beneficial for the students. Few of these programs include Market Trending Technology, C and C++ training, Auto-CAD Training, entrepreneurship programs etc. SEC understands the importance of Industry and Institute interaction on continuous basis and hence to attain this objective the Institute has functionalized a number of MOUs with industries belonging to various sectors of Indian economy. Under these MOUs, it has been mutually agreed to provide

1. Internship/ Trainings
2. Visits
3. Practical Exposure to various

facets of industrial functioning 4. Final year projects etc. The institute interacts with industry experts so as to ascertain the gaps in the curriculum and practice.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

20

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

01

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

21

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

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

21

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

3.4 - Extension Activities

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

The aim of education is not only developing students from academic point of view through a efficient teaching/learning process in creating future technocrats, but also to develop their overall personality as a good citizen who cares for national development. If the nation has to develop in all respects, then the young generations should be made aware of prevalent social issues in country. These social issues can be better understood by focusing and involving the students to solve the problems in the neighborhood vicinity. Therefore students shall not only develop as technocrats but they shall also feel for their countrymen and overall development of nation. In this direction, the students of institute participate in various social causes and activities under Swachha Bharat Abhiyan.

As the institute is located in rural areas surrounded by rural masses, College forms a excellent platform to serve the rural

people. Through college different activities such as blood donation camps, health checkup camps low cost sanitation programmes and lectures on awareness of water conservation and rain water harvesting have been carried in nearby villages in Sawargaon area.

The institution carries out extension activities with an active involvement of students. This ensures students' sensitization towards community issues, gender disparities, social inequity etc. and in inculcating values and commitment to society.

The students apart from the one in the social club are also enthusiastic to attend the various tree plantation drives hosted by the college at various locations. This activity is seen as a catalyst for students to understand the importance of trees. Also, this activity has helped the future architects and designers to ponder on their design and to embrace the nature on site in their planning instead of neglecting it.

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/3.4.3.pdf
Upload any additional information	No File Uploaded

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

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

NA

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

03

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

108

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

284

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

9

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Response: The institute possesses a well-developed infrastructure meeting the requirements stated by AICTE and other statutory bodies to fulfill the need of all stakeholders. The entire campus is spread over 10.33 acres with built up area of 11601 Sq. m. Key features of the Institute: Well-furnished, spacious, class rooms, computer laboratories, tutorial rooms and other student support facilities as per norms. Institute has sufficient classrooms for efficient teaching-learning process . Central Seminar hall with ICT facility is available to conduct training programs, guest lectures, workshops, seminars , conferences, FDPs and other related activities. High end computers with internet facility and centralized LAN connection. Reading room in central library has been made wi-fi enabled. Language lab is available with advanced software

with sufficient computers having requisite software installed to improve communication skills. Well-developed library, with collection of books, journals, magazines, E-books etc. as per AICTE norms. Library also includes separate reading room, reference and digital section for accessing E-books, E journals and online open source books. Canteen facility duly maintained with proper hygienic. Support and safety facilities like continuous power backup, diesel generator, fire extinguishers, water coolers with water purifier, CCTVs at key locations are available.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/4.1.1.pdf

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

The institute organizes sports and cultural event every year to promote the extra-curricular abilities of the students during Annual Festival known as "Sankalp". Sports: The institute has its own exclusive large playground for various outdoor games like Net Cricket, Volley ball, Kabaddi, Kho-Kho, etc. A dedicated room is allocated for indoor games like Table Tennis, Carom & Chess etc. Institute promotes the students to participate in Intercollegiate, Intra-collegiate, University, State and National level sports competition every year.

Cultural: Members of Students' Council under the guidance of Principal organizes various cultural activities as per dates proposed in Academic Calendar. It provides the platform for students to show their talent in on-stage activities like Dance Singing, Fashion Show, Drama etc. Institute promotes the students to participate in Intercollegiate, Intra-collegiate, University, State and National level cultural competition every year. Institute has APJ Abdul Kalam Seminar Hall for in house cultural activities and temporary open auditorium is created at the time of annual event.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/4.1.2.pdf

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

15

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/4.1.3.pdf
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 (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

15.37

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Institute library is partially automated with Delnet library Software, User can search the library collection by Title, Author, Publisher and Accession Number. The software is featured with the modules to facilitate all the essential functions of the library in a computerized environment.

- Acquisition
- Cataloguing
- Circulation
- OPAC
- Administration
- Export/Import
- Authority Control
- Article Indexing
- Report Generation
- Stock Verification

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

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 E. None of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

Nil

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

Student 70 ,Techer-10

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

Response: Institute provides computing facility with required configuration for computer system. These are distributed among the various departments for academic and administrative work. The institute has high speed internet of 50 Mbps to cater the need of academics as well as allied processes.

Key Features:

Separate computer center, to facilitate internet access for all the students, staff and faculty members. This facility enables users to access meaningful information available online. Exclusive Language Laboratory having sufficient computers with software which enable the students to learn life skills by improving pronunciations with proper accent which in turn helps them in overall personality development.

E- Governance system by use of ERPs is implemented in Administration office, Library and for Academic Processes usable by faculty as well as students. LCD Projectors, Printers, Scanners, CCTV, Wi-Fi, LAN and Internet facility etc. are also available for effective teaching

learning process. Digital section in Central Library with high speed internet connection helps the students and faculty to browse videos, e-journals, e-magazines, e-newspapers etc.

Institute library is automated with Delnet ERP Software. User can search the library collection by Title, Author, Publisher and Accession Number. The software is featured with the modules to facilitate all the essential functions of the library in a computerized environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/4.3.1.pdf

4.3.2 - Number of Computers

180

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

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

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

3.7

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Laboratory :- 1.The laboratory equipment's are serviced and maintained by the equipment suppliers on annual maintenance contract basis. 2.There are also on call servicemen who attend the various requirements. Inspections of the instruments/equipment are carried out on regular basis. 3.Faculty in-charge of Lab and a laboratory assistant looks after the maintenance of respective laboratory.

Library :- 1.Faculty members of departments can borrow books from the Central Library, and students in their free time can make use of the books available in the Central Library. 2.All the books are accessioned accordingly by the serial number of accession number and classified subject wise and shelved in the rack according to call numbers regularly.

Building :- 1.For maintenance of the building and related facilities, number of committees work under the Administrative Office.

Computers :- 1.Internet: Internet related matter is maintained by a team of Technical assistants under the supervision of Head of Computer Science Department. They maintain the daily band width, usage, band width allocation, sharing etc. 2.All sensitive equipment's like computers/lab equipment are supplied power through online UPS and therefore, all these equipment are taken care of against voltage fluctuations etc.. Power back up facilities provided through 63 KV diesel generators.

Classroom :- 1.Seminar hall of the college is maintained by departmental attendant & Technical Assistant at regular intervals. 2.Well-furnished class rooms are cleaned by peon every day.

Canteen :- 1.Canteen is located in the campus and is maintained by

an external agency.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

535

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

9

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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://vwjain.group/sec/wp-content/uploads/2022/03/5.1.3-Part-III-Life-Skills_compressed.pdf
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 counseling offered by the institution during the year

258

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

258

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

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

33

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

05

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

0

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

The student council for the academic year 2018-19 is constituted as per the provision of Section 40 (2) (b) of Maharashtra Universities Act 1994

The students are the real stake holders of the institute. The students have active involvement in the institute in the form of various academic and administrative committees such as

1. Anti-Ragging Committee
3. Committee for Minority
4. Committee for OBC
5. Committee for SC/ST
6. Internal Complaint Committee
7. Women Grievance Committee

For the transparent mechanism students plays a vital role in the Internal Complaint Committee (ICC) which is constituted in the institute as per the AICTE regulations-2016, Section 4 provision.

In addition to this, Student Associations is active in every department. For the development of the students every department conducts different activities such as Industrial Visit, Seminar, Guest Lectures, etc. In order to develop the Technical aspects & to provide the platform for the recent development in technology institute organizes the different types of competitions with the

help of students which includes Poster Competition, Paper Presentation, Project & Model Exhibition, etc. As the co-curricular activities play a major role in the overall development of the students, the institute also organizes the Annual Cultural Event - SANKALP in which the participations & involvement of the students are praiseworthy. The Planning, management and conduction of all the above mentioned events is done by the students in respective committees. The students prepared the basic plan for the successful organization of the events which is finalized by the approval of departmental staff followed by the HOD & Principal of the institute.

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/04/5.3.2.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

0

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
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)	View File

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

Every year SEC alumni association conducted one meeting to meet interact & share the knowledge of the alumni who are working in different fields with the students & staff of the college. The feedback provided by the alumni is useful for providing the necessary assistance to the students. Institute gives priority to conducting the various programs in the institute based on the suggestion of alumni. Also, alumni working in different industries & companies guide the students about the scope and vacancies in respective branches/fields. The alumni of the institute also provide consistent support in department-level activities. Current students get good career guidance from the Alumni during their visit to the institute. SEC alumni association is planning to establish scholarship funds to help the needy and deserving students. The different courses & training programs, career guidance, placements, industrial lectures, guest lectures, are organized in the institute with the support of the alumni. The feedback and guidance about quality improvement, infrastructural development, and curriculum improvement are taken from the alumni during every alumni meet.

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/5.4.1-Alumni_compressed.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

File Description	Documents
Upload any additional information	View File

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

Vision To provide technical education in socio-Economically backward rural region, to serve as previous resource for development of nation through Excellence in Technical education & research. Mission To impart revolutionary development in socio economic field of rural , tribal & backward region by educating student professionally &

technically to face social challenges by providing them international quality education at an affordable cost.

The vision and mission of the institute have been developed with the active participation of all Faculty and guidance from experts of various fields. The institute aims at becoming renowned institute of student's choice with courses aligned with recent development and need of society. The institute follows ethical practices and encourages Indian culture and value system. The institute is also committed for rural Youth development and woman empowerment. The management including Hon. Trustees, College development Committee, the Principal, academic dean, Head of Department (HOD) and faculties are involved in design and implementation of quality policy and plans.

The resolutions related to policies and plans, made during meetings of College development Committee (CDC) are communicated to the HODs through the Principal. The minutes of these meetings are briefed to faculties and staff by respective Head of Department in regular department meetings. Action plan for department based on Academic Calendar, Vision, Mission of the institute and the departments, Co curricular and Extracurricular Activities are prepared by Head of Departments and committee in-charges in consultation with the Principal.

Vision To provide technical education in socio-Economically backward rural region, to serve as previous resource for development of nation through Excellence in Technical education & research. Mission To impart revolutionary development in socio economic field of rural , tribal & backward region by educating student professionally & technically to face social challenges by providing them international quality education at an affordable cost.

The vision and mission of the institute have been developed with the active participation of all Faculty and guidance from experts of various fields. The institute aims at becoming renowned institute of student's choice with courses aligned with recent development and need of society. The institute follows ethical practices and encourages Indian culture and value system. The institute is also committed for rural Youth development and woman empowerment. The management including Hon. Trustees, College development Committee, the Principal, academic dean, Head of Department (HOD) and faculties are involved in design and implementation of quality policy and plans.

The resolutions related to policies and plans, made during meetings

of College development Committee (CDC) are communicated to the HODs through the Principal. The minutes of these meetings are briefed to faculties and staff by respective Head of Department in regular department meetings. Action plan for department based on Academic Calendar, Vision, Mission of the institute and the departments, Co curricular and Extracurricular Activities are prepared by Head of Departments and committee in-charges in consultation with the Principal.

Vision To provide technical education in socio-Economically backward rural region, to serve as previous resource for development of nation through Excellence in Technical education & research. **Mission** To impart revolutionary development in socio economic field of rural , tribal & backward region by educating student professionally & technically to face social challenges by providing them international quality education at an affordable cost.

The vision and mission of the institute have been developed with the active participation of all Faculty and guidance from experts of various fields. The institute aims at becoming renowned institute of student's choice with courses aligned with recent development and need of society. The institute follows ethical practices and encourages Indian culture and value system. The institute is also committed for rural Youth development and woman empowerment. The management including Hon. Trustees, College development Committee, the Principal, academic dean, Head of Department (HOD) and faculties are involved in design and implementation of quality policy and plans.

The resolutions related to policies and plans, made during meetings of College development Committee (CDC) are communicated to the HODs through the Principal. The minutes of these meetings are briefed to faculties and staff by respective Head of Department in regular department meetings. Action plan for department based on Academic Calendar, Vision, Mission of the institute and the departments, Co curricular and Extracurricular Activities are prepared by Head of Departments and committee in-charges in consultation with the Principal.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The management provides academic leadership to the faculty in various ways. The Principal and Head of departments are authorized to carry out the staff selection process and shortlisted candidates are recommended to the management for new appointments.

The Principal and the Head of Departments can propose the laboratory requirements and Recommend the purchasing of equipment to the management for final approval.

Head of the Department is empowered to allocate specific subjects to appropriate faculty for the betterment of students and to get quality results.

Apart from the academic workload the Head of the Department can also assign few administrative duties to the individual faculty based on the ability and the leadership qualities of the individuals.

Head of Departments can frame strategies for maintaining discipline & attendance, conducting events like seminars/workshops, guest lectures, industrial visits and training programs.

Every faculty is given complete freedom to decide the suitable teaching methodology of his/her choice by understanding the time frame and evaluation mechanism.

Faculty is given freedom to carry out higher education including post-graduation and Doctorate.

They can recommend books to library.

The management encourages the faculty members to work on various key positions of University

committees. The members of various committees are authorized to take independent decisions for its effective functioning.

Case Study

The Annual Technical Fest - Horizon

The Annual Intercollegiate technical fest Horizon is organized every year . The technical programs like project & Model exhibition, paper presentation, Poster Presentation, Robo war & Robo Race, Lan Gaming

etc. are the gist of this event.

The event is conducted in a systematic manner & Proper Planning as follows:

- Initially Horizon Faculty and student coordinator are appointed.
- HODs appoint departmental faculty and students coordinators.
- A joint meeting is held for fixing committees and their responsibilities
- Various committees are formed for Publicity and Media, Food, Hospitality and Inauguration,
- Registration, Prize Distribution under the faculty coordinator.
- Each committee is usually headed by a faculty member and supported by student volunteers.
- The Principal conducts the meeting of all these members prior to event and issue the guidelines
- regarding the smooth conduction of the program.
- On successful completion of program the Institute appreciates concerned students and
- faculties coordinators. In case of highly commendable efforts put in by faculties or students actively
- involved in execution are felicitated.
- After Completion of Event, Review meeting with students and faculty coordinators is conducted to
- know difficulties, problems faced in organizing the event.
- Their suggestions are solicited for improvements in future implementation.

Outcomes:

Such events gives exposure to work in a team and to work as team leader. Accept real life challenges and complete them in coordination with other members in stipulated time. This eventually increases smartness amongst the students to face challenges in life.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Institution has perspective plan where following areas are considered as key area:

- To introduce new program. To get permanent affiliation
- To get NBA /NAAC Accreditation
- To sign MOUs with different industries for skill Development, Industrial Training.
- To establish the recognized research center.
- To establish innovative labs, Teaching, Learning and Evaluation Outcome based teaching learning process.
- To increase the level of engagement in research among academic staff, researcher's student and quality of research to build the strength and capacity of research base.
- To build capacity among students of teacher education and liberal arts as the next generation of educators and professionals to apply research.
- To arranged the conference per year for sharing the latest research finding.

All the above plans are successfully progressing towards meeting to setgoals. One of the focused plans e.g. inculcating research culture in the institute is supported by various related policies. Primary objective of Research Policy is to enhance the research culture among faculty members in the field of Engineering.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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

College Development Committee is the apex governing body of the institute headed by the President of the Trust for policy making and

budget approval.

The institutional decisions are made by the Principal in the consultation with management and the Dean Academics, HODs and various committee/cell in-charges are directed by the Principal.

The institute has constituted committees as per the norms and also additional committees for internal coordination and monitoring of the activities.

Recruitment procedure and policies are followed as per AICTE/ University/ Director of Technical Education, Government of Maharashtra rules and regulations.

The Principal and Head of Departments are authorized to carry the Faculty selection process as per the norms and shortlisted candidates are recommended to the management. Promotion and service policies are followed as per AICTE/UGC norms.

Faculties are motivated to attend training programs, seminars and workshops at other reputed institutes.

Grievance Redressal mechanism for faculty, staff and students is as given below:

- Grievance Redressal Committee is formed at the institute level to address the grievances/complaints received from students and staff members.
- The categorization of the grievances is done by the said committee and after proper analysis the Committee recommends the corrective measures.
- These are forwarded to Principal and are implemented by administrative authority to resolve the issues. Any complaints arising at department level are resolved by the respective head of departments.
- If needed, in some cases, the matter may also be referred to the Principal for his guidance. A separate Women Grievance Cell and Anti-Ragging cell is also constituted to address any specific complaints.

The various institutional level committees formed for the smooth functioning are listed as follows:

1. Internal Quality Assurance Cell (IQAC)
2. Anti-Ragging Committee

3. Committee for SC/ST
4. Women Grievance Cell/Women Internal Complaint Committee/Women Development Cell
5. Internal Grievance Committee/ Grievance Redressal Committee
6. Training and Placement Cell
7. Students Council
8. Library Committee
9. Cultural and Technical Committee
10. Alumni Association
11. Canteen Committee
12. Minority Committee
13. Committee for OBC

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/6.2.2.1_compressed.pdf
Link to Organogram of the institution webpage	https://vwjain.group/sec/wp-content/uploads/2022/03/6.2.2.2.pdf
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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Institute implements following welfare measure for faculty and non-teaching staff.

Faculty:

- Motivates and deputes faculty for pursuing higher education.
- Encouragement for the faculty for attending workshops, conferences, seminars, short term courses and faculty development program.
- Encourages the faculty to become members of professional bodies and to participate in the activities organized by them.
- Encourages the faculty to undergo industrial training and visit the industry of their domain.
- Encourages the faculty to receive research grants for their projects and provides support.
- Promotes and motivates the faculty to use the ICT tools in their teaching-learning process.
- Encourages the faculty for publication of research papers in reputed journals/conferences.

Non-Teaching Staff Institute organizes training programs as per the need for skill development of non-teaching staff. They are encouraged to participate in the organization of technical events. The other welfare provisions made for both faculty and staff as described as below: 1.Provident Fund. 2.Leaves (Casual, Earned, Medical, Vacation) as per University norms. 3.Maternity leaves for female faculty and staff. 4.Group Insurance Scheme.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

11

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

05

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

26

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Annually Performance appraisal reports are filled at the end of the academic year. Performance appraisal filled in by the heads of the department and Section in-charge is analyzed with respect to the parameters specified Appraisal forms are submitted and assessed annually. This appraisal period is normally defined by the date of joining of the staff members in the institute. These appraisal forms consist of various parameters supposed to be carried over by individual staff during the appraisal period, according to their roles and positions in the institutional and self progress. It is mandatory for all the teaching staff to submit the self-assessed report at the end of each academic year to respective Head of the Department (HOD).

Performance Based Appraisal System for Teaching Staff

The process of appraisal is as follows-

1. The employee fills appraisal form each year and submits to the concerned hod or immediate superior.
2. After viewing the details filled by the employee the hod, if agrees to the information filled, puts his remark and forwards to

the Principal.

3. The Principal after receipt of the form calls the employee personally for the discussion and discusses on his/her strengths and weaknesses and qualities with which he/she is rendering the services. Finally takes decision on performance.

4. Based on the recommendations/adverse remark of the Principal, the Office Order is issued to them concerned staff member accordingly. If the performance of the staff is not up to the mark the Head of department issues the warning notice/Memorandum. The institute offers enough time periods for the improvement of the performance to such employees. If the employee receives more than three notices or memorandums in one appraisal period, he/she is recommended for the administrative action as per the rules.

Performance Based Appraisal System for Non-Teaching Staff

Assessment of performance appraisal of non-teaching staff is done by respective HOD/section In-charge with final endorsement of Admin office and Principal. It is mandatory for all the staff to submit the information in the structured format for the assessment. The assessment of the non-teaching staff is done on the basis of their performance in different parameters.

File Description	Documents
Paste link for additional information	Nil
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 various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The budget estimates and audited statements are prepared regularly.

The internal and external audits are carried out to ensure effective and efficient use of financial resources. The internal and external audit also takes care about justified quantity of purchases and the reasonability of the rates. There is a proper allocation and utilization of the annual budget.

Institution Internal Audit

Internal financial audit is the continuous process and accountant mainly handles it. Internal audit is carried out annually. During the internal audit, the auditors may give few suggestions related to some of the finance and stock-related records, giving opportunity to the institute to address and rectify the same before external financial audit.

Institution External Audit

Every year a group of external auditors comprising a team of chartered accountants perform the auditing of the institute's financial records, and other books/accounting heads as per guidelines of the income tax department. For external audit, Management has appointed Chartered Accountant S. P. L. J and Associates, Nagpur who takes care about external audit at the end of every financial year. S. P. L. J and Associates, Nagpur conducts the external audit, and prepares the balance sheet, and income-expenditure statement. The expenditure on various heads is finalized by him. The duly audited balance-sheet is made available to the institute by him on completion of external audit.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

Nil

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

The institute is self-financing and the main source of the income is tuition fees and the development fees. As per the annual requirement, budget estimate is prepared by accountant in consultation with the Principal, considering previous year's actual expenditure and the expenditure which is likely to be incurred on future plans. The budget estimates so prepared are submitted to the governing body of the institute. The proposed budget estimates are finalized in the meetings of the governing body. Deficit, compared to the availability of funds, if any, is taken care by the management through bank loans.

The process for funds mobilization policy is given below:

- Institute detailed budget.
- Institutional receipt (Tuition and Development fee as per FRA) are properly deposited and utilized for institute's salary and non-salary expenditure. This complete process is monitored by the accountant.

As per the requirements of HODs, central library, stores and student support and infrastructure facilities, quotations are invited from the suppliers/dealers/contractors. The principal in consultation with concerned, records his recommendations on the comparative statement and the requirements of the funds. The accountant forwards the comparative statement through the Principal along with his recommendations to the management. After confirmation of the vendor by the management, order is placed upon the respective vendor through management office.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The institute has an internal quality assurance cell (IQAC) which takes care of the quality initiative continuously. It is established

in the year 2017. It is headed by the principal and all HOD'S are the members. It also consists of some external experts as members. The sole objectives and aim of this committee is to improve the overall quality of academic and administrative functioning and activities of the institute in accordance with the vision and mission

The function of the IQAC includes:

- Review the results.
- Suggest a correction in the system.
- Suggest the development activities.
- Review the development activities.
- Continuous evaluation of academic performance.

Examples of best practices institutionalized as a result of IQAC initiative are as follows

Practice: Feedback system

The teaching and learning process of institutes is assessed by the feedback system. The feedback of the students is taken at different stages. Format of the feedback is prepared by heads of department in consultation with the academic head and gets approved from IQAC. Various feedbacks are collected viz. Alumni Feedback, Parents feedback, and student's feedback on curriculum, teacher's feedback on curriculum and all the feedback are analyzed by each department. The observations and actions taken are processes through IQAC.

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/6.5.1-Part-I_compressed.pdf,
Upload any additional information	View File

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

Continuous development is attempted through IQAC at regular intervals. It is useful for directing, developing, providing and implementing the guidelines to review curricular, co-curricular, instructional, teaching and learning materials. Latest teaching aids, techniques, activities, assessment tools and methodologies are

used to enhance overall functioning to achieve the goals of the Institute along with the incremental improvement.

Two examples of institutional reviews and implementation of teaching-learning reforms are outlined below

1. Academic Monitoring System

Institute has a system of monitoring the academic activities regularly. Number of lectures conducted by faculty members is monitored monthly and at the end of the semester. The number of defaulter students is fortnightly monitored and remedial lectures are conducted for defaulter students. This resulted in a substantial reduction in the number of defaulter students. The faculty members are strictly concerned about the attendance of the students. Regarding the absenteeism of the students, the faculty members inform their parents by direct communication which results in improving the attendance of the students. Institute is always in contact with the parents of the student through parent meets which are arranged in the institute. Internal examination and student feedback for teaching are also taken regularly. Some of the processes are mentioned below.

2. Teaching - Learning Process

The college believes strongly that the best approach to teaching and learning quality is to provide freedom for teachers and students to undertake self-motivated improvement activities with the goal of continuous improvement in their performance.

The college has taken many initiatives to bring the improvement in the quality in teaching-learning process.

Teaching and learning support: including initiatives targeting the teachers (i.e. Teaching), the students (i.e. learning). Examples include continuing education for faculty, pedagogy enhancement, student support (e.g. mentoring and career advice), support for student learning is done by focusing on the inputs, such as the introduction of new pedagogical tools, and on outputs, such as the development of certain abilities for the students. These initiatives make the teacher to identify benchmarks, promote good practices and scale them up across to meet teacher and student expectations. A quality teaching framework allows the institution to monitor, support, track teacher and student satisfaction, and study the impact on the learning process. The methodologies of teaching - learning include the complete follow up of university exam schemes,

the academic calendar of university and college, digitalclass room teaching, industrial visits, internship of students, etc. These methodologies built up a good academic career of the student.

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/6.5.2_compressed.pdf
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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://vwjain.group/sec/wp-content/uploads/2022/03/6.5.3-Annual-Report_compressed.pdf
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 year

Celebration of International Women's Day :-

International Women's Day brings many things for women - a cause for celebration, a reason to pause and reevaluate a remembrance, an inspiration and time to honour, loved and admired. To honor

womanhood, The Sanmati Engineering College is celebrated the International Women's Day on Monday, 8th March 2021. Our Hon'ble Secretary Madam has conveyed her message on Women's Self Empowerment.

Hon'ble Secretary Madam expressed the importance of gender equality and influenced audience about respecting women. She also insisted us that community can achieve bigger success when men and women work together. She conveyed her message to educate the women about the status of women, gender inequalities, socio-cultural context in which violence against women occurs and its impact.

Safety Measures for women:

1. The Institute provides CCTV surveillance throughout the campus for safety and security purpose.
2. Safety of girls is taken care through security guards for 24/7 throughout the campus.
3. Transportation facility for faculty and students is provided by college.
4. Fire safety :- College has a good provision for fire safety which includes 12 ABC TYPE (6KG) fire extinguishers Installed within the campus. 1 CO2 type fire Extinguisher near electrical panel room, fire bucket with sand in corridors. Proper care is being taken for fire safety with time to time refilling of fire extinguishers.
5. Electrical safety:- Electrical safety audit is carried out by external agency "TCS-ION" an agency of "Tata Consultancy services" as they are conducting online Exams of various government agencies at our center. An expert Electrical safety engineer from TCS visit college and conducts a safety audit in regular intervals.
6. Exit points: - There are for exit points in case of any electrical hazard, fire hazard or any other hazardous situations.
7. Girl students are periodically counseled on safety and security by faculty mentors.
8. Women's Grievance Committee is formed in the Institute to address the complaints filed by the Girl students and Lady faculty members.
9. The Institute has formed Anti-ragging committee comprising of lady faculty to visit Ladies common room, classrooms during and after

working hours of the college time and ensures that the campus is free from ragging.

Counseling : The Institute has a mechanism of counseling students to address both personal and career related issues. Departments are also mandated to have regular student-faculty interaction meetings to take stock of problems/issues and resolve them. Every Faculty in the Institute is allotted with 20 Students to monitor their personal, academic and psychological well being by having interaction with them. Once every week, the student will meet her/ his counselors to reveal their problems and for remedies that are recorded. Seminars, talks by experts and interactions with renowned counselors help to create awareness among the students about gender related issues

Common Rooms: 1. Common rooms are available for girls in the campus. These rooms are well ventilated, and has washrooms, dressing mirrors, etc. The students utilize these for having lunch and also for common discussions.

2. For Lady faculties also having separate room with washroom facilities.

File Description	Documents
Annual gender sensitization action plan	https://vwjain.group/sec/wp-content/uploads/2022/03/7.1.1-Part-I-_compressed.pdf
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://vwjain.group/sec/wp-content/uploads/2022/03/7.1.1.-Part-II-_compressed.pdf

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

SOLID WASTE MANAGEMENT

Dustbins with name plates and slogan for Swatch Bharat Abhiyan with symbol are being placed in campus. Paper scraps and old news papers are given to scrap vendors who make them recycle.

One side blank scrap pages of good quality are sorted out and are reused for printing notes, Departmental work etc.

College canteen has separate dust bins for biodegradable waste and non-degradable waste. Canteen area has a dumping pit where the biodegradable waste is dumped properly and is converted into compost which is used as manure for garden plants.

Dust bins are also placed in washrooms, common rooms.

LIQUID WASTE MANAGEMENT

Chemistry lab water outlet is drained into a separate chamber. Here the chemical containing water produced by chemical reaction is neutralized for PH maintenance.

Canteen waste water is drained to a pit of size of around 1.82 m³.

E-WASTE

E-waste obtained from scrap electronics equipments from various lab is sell to scrap vendor who recycle if possible or dispose it. Special care is taken as E-waste contains heavy metals like cadmium, lead, mercury etc.

We have a hardware lab in computer dept. for demonstration of these electronics devices like damaged CUP, Ram, processors, motherboards, printers, scanners etc.

Batteries of solar plant are recycled with the help of dealer and scrap batteries are disposed by authorized dealer.

Waste recycling system

A proper drainage system is being implemented in the institute.

Waste water from urinal, washrooms is drained through closed pipes into a closed septic tank with a gas exhaust.

The terrace water of the college building is collected and arrangement has been made to harvest and percolate this water within the campus. The arrangement is made to harvest rain water in the institute building. All the rain water falling on the slab of the building is collected and made to store in a tank. The store water is used for building construction and for trees or garden. one big tank is also constructed behind the computer engineering department which is filled by pebbles, gravel and sand, all the water from the rain which are felled on workshop roof are collected in this tank.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

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 the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

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

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

D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	View File
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Our students are on mission towards better India by breaking the boundaries of religion and caste. Thoughts of great Indian personalities sowed into the young minds by organizing various events in the Institute. The unity which India has in its diversity that serves as the melting pot of cultures, religion, communal socioeconomic and develops qualities of tolerance and understanding amongst students. Sanmati Engineering college organizes various activities on the occasion of national festivals and birth or death anniversaries of the great Indian personalities. Institute usually celebrates Gandhi Jayanti, Teachers Day, Engineers Day, cultural activities etc. Every year institute plans & organizes national festivals like Independence Day, Republic Day for national integration, communal harmony and social cohesion. Institute organize Blood donation camp every year the main objective and purpose to organize a blood donation camp is to motivate people and students to donate blood and social work for mankind and help to maintain an adequate supply of blood to save the lives of those who are in need. It's also encouraging other who is afraid to donate blood. Institute also organized Environment awareness and tree plantation program to show the responsibility of humans to respect, protect and preserve the natural world from its anthropogenic afflictions.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

At SEC, we believe in giving holistic all round education to the students and also sensitizing students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means. Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Also, The University has introduced a compulsory subject i.e. Environment studies in their syllabus. which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc. The institute formed a various committees like Women grievance, Internal complaint committee to educate women about their rights. Also some seminars and workshops are conducted on days of national importance on various rights, duties and responsibilities of citizen. Gender Equity programs are conducted periodically for women. Every year Republic Day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Independence Day is also celebrated every year to highlight struggle of freedom and importance of Indian constitution. Also institute organised Blood Donation camp, Gram Swachata Abhiyan, Tree Plantation Program etc. But due to Covid -19 pandemic necessitated lockdown it was not possible to conduct such type of activities.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://vwjain.group/sec/wp-content/uploads/2022/03/7.1.9_compressed.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts B. Any 3 of the above

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

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Every year our institute organizes the national festivals and birth / death anniversaries of the great Indian personalities. Staff and students get to know the importance of national integrity in the country in general and their role in it. The Institution strongly believes that unless the present generation of youth are not sensitized about the significance of the festivals of our secular country and the sacrifices which great men and women of this country have made for uplifting their countrymen. the students will not be able to understand their responsibility to the nation. The unity which India has in its diversity that serves as the melting pot of cultures, religion, and ethnicity and develops qualities of tolerance and understanding amongst students. Sanmati college of Engineering organizes various activities on the occasion of national festivals and birth or death anniversaries of the great Indian personalities. Institute usually celebrates Gandhi Jayanti, Teachers Day, Engineers Day, etc. Every year institute plans & organizes national festivals like Independence Day, Republic Day, and many more. 26th January Republic Day- Republic Day is celebrated on January 26 to commemorate the adoption of constitution. On this day, various formal events including flag-hoisting. By organizing such type of events institute does its share to immersed patriotism and awareness to next generation. 15th August Independence day- It is

celebrated every year in institution. It is a grand event marked with the flag hosting by the Chief Guest . 5th September (Dr.Sarvpalli RadhaKrishnan Birth Anniversary)- On 5th September, we celebrate Dr. Radhakrishnan's birthday as Teacher's Day with great fervour. The students organize a programme for the teachers and the Guru-Shishya parampara is celebrated. 2nd October Mahatma Gandhi Birth Anniversary.- A standout amongst the most mainstream events in India and Gandhi Jayanti is praised in our Institute on 2nd October of consistently to stamp the birth commemoration of Mahatma Gandhi. Gandhi was additionally famously known as the Father of our Nation, Bapu or basically Mahatma. The day is announced as a national occasion and all institutes and workplaces are closed on this celebration. The standards of truth, peacefulness and trustworthiness are recalled and generally plugged among the students of the institute.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practice I:-

1. Title of Practice: - Proctorial System

2. Goal

The proctorial system assigns a faculty member to every student the faculty member is called the proctor for the student.

- Proctorial System is for continuous academic monitoring of students for technical as well as soft skill enhancement which results in improved employability.
- Continuous monitoring of academic performance of students including their attendance and performance in internal exams as well as providing a support system to guide and motivate the students.

- To identify and solve personal and health related problems of the students.

3. The context

The Proctorial System implements with a view to advance the educational and personal growth of students. Proctorial system under which each faculty is assigned the responsibility of 20 students. Every student has his own strengths and weaknesses. Proctor is a guardian to his students and he/she knows and understands his students personally. In each class, weak students are identified by the proctor and reported to other faculty members of that class and subsequently more efforts are taken to upgrade and improve these students. Parents are regularly updated about the performance of their ward by his/her Proctor and thus they are also involved in this process. It is basically a system that takes care of the well-being of the student with respect to both academic and non-academic issues. In short, proctorial system is a mutually beneficial relationship that offers support, guidance, assistance and contributes to the development of capable individuals. The proctorial system is relatively new in general to a student entering the institute. Effective communication with the students helps their respective proctors to understand their strengths and weaknesses. Hence they can guide them in the right direction. In some cases, counselling for time management, stress management etc. is also provided to the students by their proctor. All these activities are taken by the proctor for development of student's performance also in parents meeting all the issues and student performance are discussed with parents.

4. The practice

- A proctor is a personal mentor and counsellor for a student during the duration of stay at the institute.
- A proctor represents a parent away from home for a student, and is the first point of reference for the activities of a student during the complete course of study at the institute.
- As soon as a student enters into the institute, a faculty member is assigned to take over the role of a proctor for the student.
- The proctor not only guides the student in academic matters but also any matter of concern for the student.
- The student seeks the advice of the proctor at every step of their

course of study beginning from the registration for courses at the start of every semester.

- The students meet their proctors regularly. However, depending on the need the proctor conducts more meetings with their students and their parents.
- The proctor educates the student about the various course requirements, such as the mandated minimum and maximum course load every semester, and how to choose electives.
- The proctor helps the student channel their interests and energies effectively during the complete course of study at the institute.
- At times the students might just need someone who can give them personal time and attention by listening to their struggles in transitioning from high school to a higher education environment and finally in becoming a constructive member of society.
- Engineering education is in English language and since most of the students from rural areas either speaks their native language or Hindi, but not English. This result in lack of their interest in study so special attention is provided towards these students through proctorial system.
- Most of the students are from rural areas and are economically poor. The parents who cannot afford the total tuition fees at a time or within prescribed period. In such cases the students are allowed to pay the fees in instalment as per their convenience.

5. Evidence of success

- The most important evidence of success for the proctorial system is from the testimonials of the end-users.
- The students and their parents have been very happy with the proctorial system.
- Generally, for the complete duration of the course of study of a student any one faculty member has been effective in assuming the role of a proctor.
- The behaviour of the students on the campus in general has witnessed a tremendous improvement and the students are much happier and contented with their course of study at the institute after the implementation of the proctorial system.

- The pass percentage and the average academic performance of the students have also achieved greater heights with the proctorial system.
- Some students have presented themselves as quite a challenge for their proctors, but they figure out their priorities and start performing better after counselling sessions with their proctors.
- The students have been at most risk during their initial stages in the course of study.
- The transition from a high school environment to a higher education set-up proves to be too sudden for some students.
- The proctorial system has addressed the needs of the students and effectively nurtured many students during the duration of its implementation.

6. Problems encountered and resources required.

- Efforts have to be made to inculcate sense of guardianship in the faculty members for increased effectiveness of the Proctorial system. Making the students realize the importance of sharing their problems/issues with their respective mentors.
- Adjusting academic schedule to accommodate this activity.

Best Practice II:-

1. Title of Practice: - Eco-Friendly Campus

2. Goal

The main objectives are listed below

- Implementation of cleanliness agenda among stakeholders.
- Initiating activities to protect the environment.
- Minimization of waste generation and safe disposal of the wastage.
- Conserving water and recycling it.
- Expanding the Greenery within the campus to ensure pollution-free air.

3. The context

- Environmental protection is very essential factor in our day to day life. Maximum use of natural resources and keeping our environment clean and green are necessary for healthy living and sustainable future. In this context, our institute has initiated various activities and awareness programs to promote the mission of green campus

- . • Provision of expenditure on green initiatives and waste management done by management annually. Green audit of a college campus aims at understanding the present environmental status and to find out ways to internalize environmental issues which are well felt externally.

4. The practice

- Policies related to green initiatives and waste management are established and implemented

- Plantations in large numbers within the campus and their efficient maintenance should be done to keep green campus.

- Rain Water Harvesting: The terrace water of the college building is collected and arrangement has been made to harvest and percolate this water within the campus. The arrangement is made to harvest rain water in the institute building. All the rain water falling on the slab of the building is collected and made to store in a tank. The store water is used for building construction and for trees or garden. one big tank is also constructed behind the computer engineering department which is filled by pebbles, gravel and sand, all the water from the rain which are felled on workshop roof are collected in this tank.

- Solar panel and LED are installed in campus to save electricity. Total power requirement of the college is 37.5kw and percentage of Power requirement met by renewable energy sources (Solar) is 3.5kw. Also Total Lighting requirements of college 6.974kwh and Percentage Lighting met through LED bulbs is 2.054kwh.

5. Evidence of success

- The reports of Green, Energy and Environmental audits portray the success of the green practices followed in the campus.

- Energy saving achieved in terms of percentage of contribution is

shown below:

Total Lighting requirements: - 6.974kwh

Percentage Lighting through LED bulbs: - 2.054kwh

Percentage Lighting through solar: - 3.5kwh

- Celebrated all major days related Environment - Environmental day, water day and so on to create awareness among the young minds about the need for sustainable environment.

6. Problems encountered and resources required.

- A huge investment is required to build up an alternate energy source.

- Continuous efforts are required to create awareness and to sustain the GO GREEN policy. Organizing programs related to this theme of practice amidst heavy academic schedule is necessary.

File Description	Documents
Best practices in the Institutional website	https://vwjain.group/sec/wp-content/uploads/2022/03/7.2.1-Best-practices_compressed.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

With the vision of our institute to provide technical education in socioeconomically backward rural region, institute is a strong support system for the students belongs to villages also from poor families. Our institute is an opportunity for the rural students to pursue the higher technical education and also to developed, progress their poor families economically. Most of the students are from rural areas poor background, but they are not poor in talent, knowledge and humility. Our college staff identifies their hidden skills and encourages them as per our mission statement. Institute also provides financial assistance to meritorious, needy and

deserving students. At the time of admission when the economically weaker students are unable to pay the prescribed fees, they are assisted with the full fees by the institution and staff members. Also instalments are provided to students to pay the reduce fees. Apart from this institute gives the Special scholarship to poor and meritorious students at college level. The only vision behind these activities is to offer skillful quality higher technical education to backward rural region students without the burden of large fees structure.

NAAC

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

- Our Institute follows syllabus (for all UG and PG courses) and academic calendars provided by Sant Gadge Baba Amravati University (SGBAU), Amravati as our Institute is affiliated to it.
- As per the guidelines provided in university calendar regarding dates of start of session, end of sessions, exam schedules and holidays, academic calendar of college prepared by Dean Academics through the discussion with all Heads of respective departments.
- The Time Tables and load distribution of each department is prepared well in advance so that assigned teachers will get enough time for preparation of teaching plan, course files, notes, questions banks etc.
- The students are given a choice to select the elective courses listed in the university curriculum.
- In addition with chalk & board method for effective curriculum delivery teachers are advised and encouraged to make use of ICT tools and Learning Management system available in Institute. To help students to improve their learning in a more interactive way lectures by experts from academia and industry are organized in every semester.
- As per the area of interest of students and latest trends, projects are assigned to final year students. Projects are monitored by respective guides through project progress seminars and presentations.
- Head of department conducts meeting with faculty members to take review of syllabus coverage, attendance and Sessional results and forward it to the Principal.
- Method of Continues internal evaluation of the student with respect to practical's, assignments, Sessional tests, seminar & projects is adopted by the institute as per university guidelines.
- For enhancing learning experiences academic seminar are conducted for the final year students at the end of semester.
- Industrial visits, seminars, workshops, paper presentations are planned and executed depending on the need of the curriculum.

- Necessary actions are taken for slow learners by conducting remedial classes and for advanced learners by conducting expert lectures, soft skill programs, providing knowledge about technical paper writing, project guidance.
- Oral/Practical examinations are conducted as per University norms after theory examinations.
- Result analysis is carried out by the departments after the declaration of university results.
- Internal Academic audits are conducted by principal in presence of respective HOD at the end of each session which includes complete analysis report of each department. Necessary actions and suggestions are provided as per the analysis report to respective faculty members. Feedback is taken from the stakeholders in structured format at the end of each semester.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	https://www.sanmati.in/images/S_academic_cal/Academic_Calender_2020_21.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

To evaluate Academic improvements , Continuous Internal evaluation (CIE) is implemented in each semester under the guidelines of university. The college adheres the syllabus prescribed by the university. An academic calendar clearly specifies the dates of various academic events to take place during the academic session. The evaluation system, as adopted by the Institute, has two components viz. 1. The Continuous Internal Evaluation (CIE) 2.The End Semester Examination (ESE) The ratio of Weightage is 20 in CIE and 80 in ESE for UG (for theory) and for practical, is 50 both for CIE and ESE. The internal assessment is based on : Sessional Tests, Assignments and Attendance. For effective implementation of Continuous Internal Evaluation (CIE) system at the institutional level, the institute conducts two Sessional Tests in each semester. The conduction of sessional test is done at the department level along with the setting of questions papers, seating arrangement, invigilation and result declaration on notice board. The tests papers are evaluated within three working days from the last date of examination and evaluated answer sheets are distributed among

students for clarification and discussion in the class. The tests marks obtained by the students are also displayed on respective department notice board for their information. It makes the evaluation process transparent without any biasing. The results of all the components of internal assessment such as assignments, attendance Sessional Test etc. are made available on the notice boards. If still there exists any grievance regarding the revision of the awarded grades/marks, student may appeal to HOD. The answer Sheets are given back to the students after evaluation for their information, providing sufficient transparency and accountability. CIE marks are shown to students along with their answer Sheet by the teacher concerned, enabling them to have access to the evaluated answer Sheet before the marks are forwarded to the examination section. CIE Components also includes, home assignments, Viva-voce at department level .

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.sanmati.in/images/S_academic_cal/Academic_Calender_2020_21.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

B. Any 3 of the above

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

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

6

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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 requirement for year: (As per Data Template)**

9

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

365

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

1.3 - Curriculum Enrichment

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

The present curriculum of the affiliating University has integrated cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics through following courses: 1.Environmental Studies: Environmental Studies is compulsory course for every program which addresses the issues related to environment and sustainability. Course contents are helpful to create awareness about climate change, pollution, water conservation etc. among the students. 2.Communication Skill (Course code: 5CE06, 6ME06, 5KS06, 5EE06, 5XT06): Communication skill course is offered to all the programs, which covers communication abilities, social networking, and professional ethics. 3.Professional Ethics (Course code: 6KS06): Professional ethics is the compulsory course for computer science engineering students which includes the personal and corporate standards of behavior expected by corporate. 4.Engineering Chemistry (Course code: 1B2): This a compulsory course for all the first year engineering students. The part of this course is related to the environmental chemistry covering ill effects of pollution like ozone layer depletion, acid rain, greenhouse effect, etc. 5.Non-Conventional Energy Sources (Course code: 7ME05): This is one of the elective courses offered by Mechanical Engineering department which covers various non conventional energy sources like tidal energy, solar energy, wind energy, etc. It provides the present scenario of energy consumption and the development of sustainable and eco-friendly energy sources. 6.Environmental Engineering-I (7CE04): This is compulsory course for civil engineering which covers environmental issues like Quantity Estimation of water, Water quality, Aeration, Filtration, Disinfection and Distribution system

Extra Initiatives of the Institute: Apart from above courses Sanmati Engineering College has been conducting activities in the neighborhood community to create social awareness and communal harmony among the people who are disconnected from the main stream of Society. Institute organize health check- up camp, blood donation camp, Pulse Polio Immunization program etc. in association with other institute, Govt. Hospital Washim and recognized bodies like Lady Hardy Hospital, Akola. Involvement in such service-learning activities helps students to become mature and socially responsible. Students are motivated to participate in need based outreach activities, such as 'Swachha Bharat Abhiyan', campus cleaning, tree plantation, awareness programs about diseases like dengue, swine flu, AIDS etc. Participation in such activities imbibed the sense of national integrity, environmental and social responsibility among them. Recently

Sanmati Engineering College has started "Unnat Bharat Abhiyan" a central Governments flagship Program launched with the objective to understand and work in villages (rural areas). The Institute has adopted five villages around Washim District. According to the strategy of UBA currently our institute is working on survey of adopted villages for need analysis.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

4

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

284

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://vwjain.group/sec/index.php/aqar-2020-21/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

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

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://vwjain.group/sec/wp-content/uploads/2022/03/1.4.1.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 students admitted during the year

235	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per 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	
227	
File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File
2.2 - Catering to Student Diversity	
2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners	
<p>After the admission process of DTE of the students to various courses, the college and individual teacher uses assessment methods and different indicators for evaluating student's performance and achievement of learning objectives. Different measures taken for slow and advanced learners are as follows:</p> <p>For Slow Learners following measures are provided Teacher Guardian scheme is adopted for counseling the students. Each teacher is allotted specified students so that teachers can pay full attention on student's academics and help them in friendly way to solve their queries. Remedial Classes are conducted as per schedule in the early morning session or after the college hours.</p> <p>For Advanced Learners Advanced learners are motivated to strive for higher goals. They are provided with additional inputs and extra activities. The students are insisted involvement in national level conferences and technical paper writing. Soft skills programs are arrange in order to cultivate different skills. The workshops and guest lecturers from the expert persons from the academics and industry are arranged regularly for</p>	

students on different topics. Encouraging them with extra care to obtain University Ranks. Innovative project ideas are shared with the students for further studies. Competitive Exams counselling and Career guidance programs are also conducted in college as well as in online mode.

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/2.2.1.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
632	51

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

All the faculties prepare their teaching plan for theory courses at the start of each semester. At the start of the session fundamentals are taught for better understanding of subject. Regular classes are conducted as per the curriculum prescribed by Sant Gadge Baba Amravati University Amravati. For enhancing learning experiences following initiatives are implemented. Subject based experiments with practical application conducted in laboratories. For Final year students projects are assigned on the basis of subject interest and latest trends. Projects are monitored by respective guides through project progress seminars and presentations. Final year students mandatorily prepare and deliver seminars on recent advancements in the fields of Engineering. Training programs and soft skill development programs conducted in a session to improve skills among the students. Teacher Guardian scheme is actively working for

resolving issues related with subject understanding. Students are encouraged to participate in Conferances, technical paper presentation contest organized by institute as well as other institutes. Students association of the respective departments like CSESA, EESA, CESA and MESA etc. arranged various workshops, guest lecturers and other activities for participative and experimental learning with the support of faculty of departments. In addition with chalk & board method for effective curriculum delivery teachers are advised and encouraged to make use of ICT tools and Learning Management system available in Institute for better understanding. Extension activities provide good platform for students to aware about social responsibilities through participative way. The library plays an important role in facilitating the students.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/2.3.1.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The institute always aims to provide up-to-date ICT infrastructure for its students, professors, and technical personnel.

The students learning experiences are enhanced by the teachers' use of educational technologies and the effective usage of ICT-enabled tools. Institute has dedicated digital classrooms for all programs with the use of multimedia teaching aids like projectors, internet-enabled computer/laptop systems, and the teacher's use the modern teaching aids. Institute has 11 smart classrooms and ICT enabled with projectors & wifi. Grooming/communication skills/Mock tests are conducted using ICT-enabled tools. The library had subscribed to Delnet which a large number of e-journals in Engineering, Science, Management and provides access to online and offline databases. faculty members shares web and video courses from NPTEL. The entire academic process is managed by the university's integrated academic management system. The institute has also implemented an ICT-based student admission and payment system for college fees / exam semester fess etc. Seminar hall is equipped with multimedia

facilities.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)**2.3.3.1 - Number of mentors**

51

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

2.4 - Teacher Profile and Quality**2.4.1 - Number of full time teachers against sanctioned posts during the year**

51

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (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 / D.Sc. / D.Litt. during the year**

02	
File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File
2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)	
2.4.3.1 - Total experience of full-time teachers	
51	
File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File
2.5 - Evaluation Process and Reforms	
2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.	
<p>Mechanism of internal assessment consist(1) Continuous Internal Evaluation (CIE) at institute level &</p> <p>(2) Assessment by the University.</p> <p>The faculty members assess the students throughout the semester through two sessional test, attendance etc. The semester wise academic calendar which lists the schedule of internal assessment is displayed on all the notice boards and followed strictly. The conduction of sessional test is done at the department level along with the setting of questions papers, seating arrangement, invigilation and result declaration on notice board. The tests papers are evaluated within three working days from the last date of examination and evaluated answer sheets are distributed among students for clarification and discussion in the class. The tests marks obtained by the students are also displayed on respective</p>	

department notice board for their information. It makes the evaluation process transparent without any biasing. The results of all the components of internal assessment such as assignments, attendance & Sessional Test etc. are made available on the notice boards. If still there exists any grievance regarding the revision of the awarded grades/marks, student may appeal to HOD. Monthly attendance reports are prepared. The parents are informed about the performance in internal assessment and attendance of their wards frequently by telephonic communication. It is known to students that if they fail to complete any component of internal assessment under extraordinary circumstances such as the death of any family member, accident, and hospitalization, the teacher would arrange additional assignment for them.

File Description	Documents
Any additional information	View File
Link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/2.5.1.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The tests papers are evaluated within three working days from the last date of examination and evaluated answer sheets are distributed among students for clarification and discussion in the class. The tests marks obtained by the students are also displayed on respective department notice board for their information. It makes the evaluation process transparent without any biasing. The results of all the components of internal assessment such as assignments, attendance & Sessional Test etc. are made available on the notice boards. If still there exists any grievance regarding the revision of the awarded grades/marks, student may appeal to HOD orally or by written. Mechanism to deal with University Exam related grievances After declaration of University results, the desirous student can get the photo copies of Answer books (University theory exams) from University, for redressal as per the procedure laid down by the University. If the grievance is related to university examination then the students is asked to lodge the complaint/grievance to controller of exams of the university. The student's application of the complaint/grievance is submitted by the college to the University after taking the remarks of class counselor, subject teacher, HOD

and Principal. The mechanism for redressal is provided to the students, with a view to bring transparency and credibility in the University examination. The student has to submit the prescribed application form to the confidential section of the University within fifteen days from the date of the declaration of general result of the relevant examination. On receipt of photo copies of desired answer books, if the examinee is not satisfied with the marks awarded to him/her, he/she may apply for redressal to the University in the prescribed form within ten days from the prescribed date of the collection of photo copies.

File Description	Documents
Any additional information	View File
Link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The program outcomes (POs), Programme Specific Outcomes (PSOs) and course outcomes (COs) are clearly stated in each programme offered by the Institution. These COs, POs & PSOs are strictly followed by each department throughout academic year. The POs stands for what students are expected to know after successful completion of their Degree. It related to their skills, behavior, and Knowledge that students acquire from their respective programs offered by the Institution. The COs is defined as per syllabus. The students are expected to reveal their skills that they learn while pursuing their degrees. The COs is the learning outcomes that the students learn at the end of each Course. The COs are prepared by the Faculty. The Course Objectives & Outcomes are conveyed to the Students by the respective Subject Faculty at the Commencement of each Semester. At the beginning of every course, the faculty member discusses the course outcomes in the classroom as well as in the laboratory. The Cos is clearly inculcated in them so that there will not be any hesitation in the minds of students to imbibe knowledge. POs, & COs are also displayed on notice boards of HOD cabin and every laboratory of the departments. The vision and mission statements, POs and COs for all the courses are are kept available on the website of the

institute and are displayed at prominent places and at various key points in the Institute.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/2.6.1.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

It is evaluated by Direct way. In a direct way, the number of course Outcomes (COs) are kept equal to the number of units or topics given in the syllabus, which ensures one significant learning outcome corresponding to each topic. Attainments of COs are measured by direct methods. The Direct attainments of COs are determined from the performances of students in Continuous Internal Evaluation (CIE). CIE is based on Two Sessional Tests and other components such as Assignments, Viva/oral etc. When there is no attainment gap or attainment gap is negative, faculty member enhances the CO target when he/she offers the course next time. If the gap in attainment is found, faculty member is suggested to improve the teaching-learning process. Direct Method Evaluation of attainment of POs and PSOs is based on the mappings from COs to POs and PSOs. Strength of mapping is defined at three levels: Low (1), Medium (2) and Strong (3). The program level Course-PO matrix is prepared for all the courses.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/2.6.2-CO-PO-Attainment-FINAL.xlsx

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 during the year**197**

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://vwjain.group/sec/wp-content/uploads/2022/03/6.5.3-Annual-Report_compressed.pdf

2.7 - Student Satisfaction Survey**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)**

<https://vwjain.group/sec/wp-content/uploads/2022/03/2.7.pdf>

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Resource Mobilization for Research****3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****NA**

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

0

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year**3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

00

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem**3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge**

The institute has promoted research culture among its faculty. The institute encourages its faculty and students to participate in research activities. The Heads of all the departments keep coordination and monitor research activities in the college. Faculty members have enrolled for Ph.D programmes in concerned universities and are also granted duty leave by the college for carrying their research work. The college has also subscribed to different journals in various areas for the reference to faculty and students. Along with that each department has computer laboratory with internet facility for the research work. Faculty members and students are being encouraged to attend workshops seminars and training programmes at reputed institutes for their benefit and promoting research culture. The college holds seminars and conferences every year. Research papers are

published in national / international /conference proceedings as well as journals listed on the UGC website. SEC policy of encouraging students via project based learning is an innovative practice aimed at supporting ideas incubation during the period of their learning at the institute. Entrepreneurship development being the most critical aspect of engineering program has been given due emphasis and focus at SEC. Under this initiative the SEC organizes number of value added programs supporting to Entrepreneurship skills development programs highly beneficial for the students. Few of these programs include Market Trending Technology, C and C++ training, Auto-CAD Training, entrepreneurship programs etc. SEC understands the importance of Industry and Institute interaction on continuous basis and hence to attain this objective the Institute has functionalized a number of MOUs with industries belonging to various sectors of Indian economy. Under these MOUs, it has been mutually agreed to provide 1. Internship/ Trainings 2. Visits 3. Practical Exposure to various facets of industrial functioning 4. Final year projects etc. The institute interacts with industry experts so as to ascertain the gaps in the curriculum and practice.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

20

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year	
3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year	
01	
File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded
3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year	
3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year	
21	
File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File
3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year	
3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year	
21	
File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File
3.4 - Extension Activities	

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

The aim of education is not only developing students from academic point of view through a efficient teaching/learning process in creating future technocrats, but also to develop their overall personality as a good citizen who cares for national development. If the nation has to develop in all respects, then the young generations should be made aware of prevalent social issues in country. These social issues can be better understood by focusing and involving the students to solve the problems in the neighborhood vicinity. Therefore students shall not only develop as technocrats but they shall also feel for their countrymen and overall development of nation. In this direction, the students of institute participate in various social causes and activities under Swachha Bharat Abhiyan.

As the institute is located in rural areas surrounded by rural masses, College forms a excellent platform to serve the rural people. Through college different activities such as blood donation camps, health checkup camps low cost sanitation programmes and lectures on awareness of water conservation and rain water harvesting have been carries in nearby villages in Sawargaon area.

The institution carries out extension activities with an active involvement of students. This ensures students' sensitization towards community issues, gender disparities, social inequity etc. and in inculcating values and commitment to society.

The students apart from the one in the social club are also enthusiastic to attend the various tree plantation drives hosted by the college at various locations. This activity is seen as a catalyst for students to understand the importance of trees. Also, this activity has helped the future architects and designers to ponder on their design and to embrace the nature on site in their planning instead of neglecting it.

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/3.4.3.pdf
Upload any additional information	No File Uploaded

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

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

NA

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

03

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

108

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

284

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

9

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Response: The institute possesses a well-developed infrastructure meeting the requirements stated by AICTE and other statutory bodies to fulfill the need of all stakeholders. The entire campus is spread over 10.33 acres with built up area of 11601 Sq. m. Key features of the Institute: Well-furnished, spacious, class rooms, computer laboratories, tutorial rooms and other student support facilities as per norms. Institute has sufficient classrooms for efficient teaching-learning process . Central Seminar hall with ICT facility is available to conduct training programs, guest lectures, workshops, seminars , conferences, FDPs and other related activities. High end computers with internet facility and centralized LAN connection. Reading room in central library has been made wi-fi enabled. Language lab is available with advanced software with sufficient computers having requisite software installed to improve communication skills. Well-developed library, with collection of books, journals, magazines, E-books etc. as per AICTE norms. Library also includes separate reading room, reference and digital section for accessing E-books, E journals and online open source books. Canteen facility duly maintained with proper hygienic. Support and safety facilities like continuous power backup, diesel generator, fire extinguishers, water coolers with water purifier, CCTVs at key locations are available.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/4.1.1.pdf

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

The institute organizes sports and cultural event every year to promote the extra- curricular abilities of the students during Annual Festival known as "Sankalp". Sports: The institute has its

own exclusive large playground for various outdoor games like Net Cricket, Volley ball, Kabaddi, Kho-Kho, etc. A dedicated room is allocated for indoor games like Table Tennis, Carom & Chess etc. Institute promotes the students to participate in Intercollegiate, Intra-collegiate, University, State and National level sports competition every year.

Cultural: Members of Students' Council under the guidance of Principal organizes various cultural activities as per dates proposed in Academic Calendar. It provides the platform for students to show their talent in on-stage activities like Dance Singing, Fashion Show, Drama etc. Institute promotes the students to participate in Intercollegiate, Intra-collegiate, University, State and National level cultural competition every year. Institute has APJ Abdul Kalam Seminar Hall for in house cultural activities and temporary open auditorium is created at the time of annual event.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/4.1.2.pdf

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

15

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/4.1.3.pdf
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 (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**15.37**

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

Institute library is partially automated with Delnet library Software, User can search the library collection by Title, Author, Publisher and Accession Number. The software is featured with the modules to facilitate all the essential functions of the library in a computerized environment.

- Acquisition
- Cataloguing
- Circulation
- OPAC
- Administration
- Export/Import
- Authority Control
- Article Indexing
- Report Generation
- Stock Verification

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-**E. None of the above**

ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)
4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

Nil

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)
4.2.4.1 - Number of teachers and students using library per day over last one year

Student 70 ,Techer-10

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

Response: Institute provides computing facility with required

configuration for computer system. These are distributed among the various departments for academic and administrative work. The institute has high speed internet of 50 Mbps to cater the need of academics as well as allied processes.

Key Features:

Separate computer center, to facilitate internet access for all the students, staff and faculty members. This facility enables users to access meaningful information available online.

Exclusive Language Laboratory having sufficient computers with software which enable the students to learn life skills by improving pronunciations with proper accent which in turn helps them in overall personality development.

E- Governance system by use of ERPs is implemented in Administration office, Library and for Academic Processes usable by faculty as well as students. LCD Projectors, Printers, Scanners, CCTV, Wi-Fi, LAN and Internet facility etc. are also available for effective teaching learning process. Digital section in Central Library with high speed internet connection helps the students and faculty to browse videos, e-journals, e-magazines, e-newspapers etc.

Institute library is automated with Delnet ERP Software. User can search the library collection by Title, Author, Publisher and Accession Number. The software is featured with the modules to facilitate all the essential functions of the library in a computerized environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/4.3.1.pdf

4.3.2 - Number of Computers

180

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

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

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

3.7

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Laboratory :- 1.The laboratory equipment's are serviced and maintained by the equipment suppliers on annual maintenance contract basis. 2.There are also on call servicemen who attend the various requirements. Inspections of the instruments/equipment are carried out on regular basis. 3.Faculty in-charge of Lab and a laboratory assistant looks after the maintenance of respective laboratory.

Library :- 1.Faculty members of departments can borrow books from the Central Library, and students in their free time can make use of the books available in the Central Library. 2.All the books are accessioned accordingly by the serial number of accession number and classified subject wise and shelved in the rack according to call numbers regularly.

Building :- 1.For maintenance of the building and related facilities, number of committees work under the Administrative Office.

Computers :- 1.Internet: Internet related matter is maintained by a team of Technical assistants under the supervision of Head of Computer Science Department. They maintain the daily band width, usage, band width allocation, sharing etc. 2.All sensitive equipment's like computers/lab equipment are supplied power through online UPS and therefore, all these equipment are taken care of against voltage fluctuations etc.. Power back up facilities provided through 63 KV diesel generators.

Classroom :- 1.Seminar hall of the college is maintained by departmental attendant & Technical Assistant at regular intervals. 2.Well-furnished class rooms are cleaned by peon every day.

Canteen :- 1.Canteen is located in the campus and is maintained by an external agency.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

535

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

9

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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://vwjain.group/sec/wp-content/uploads/2022/03/5.1.3-Part-III-Life-Skills_compressed.pdf
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 counseling offered by the institution during the year

258

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

258

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

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

33

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

05

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

0

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

The student council for the academic year 2018-19 is constituted as per the provision of Section 40 (2) (b) of Maharashtra Universities Act 1994

The students are the real stake holders of the institute. The students have active involvement in the institute in the form of various academic and administrative committees such as

1. Anti-Ragging Committee
3. Committee for Minority
4. Committee for OBC
5. Committee for SC/ST
6. Internal Complaint Committee
7. Women Grievance Committee

For the transparent mechanism students plays a vital role in the Internal Complaint Committee (ICC) which is constituted in the institute as per the AICTE regulations-2016, Section 4 provision.

In addition to this, Student Associations is active in every department. For the development of the students every department conducts different activities such as Industrial Visit, Seminar, Guest Lectures, etc. In order to develop the Technical aspects & to provide the platform for the recent development in technology institute organizes the different types of competitions with the help of students which includes Poster Competition, Paper Presentation, Project & Model Exhibition, etc. As the co-curricular activities play a major role in the overall development of the students, the institute also organizes the Annual Cultural Event - SANKALP in which the participations & involvement of the students are praiseworthy. The Planning, management and conduction of all the above mentioned events is done by the students in respective committees. The students prepared the basic plan for the successful organization of the events which is finalized by the approval of departmental staff followed by the HOD & Principal of the institute.

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/04/5.3.2.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

0

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
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)	View File

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

Every year SEC alumni association conducted one meeting to meet interact & share the knowledge of the alumni who are working in different fields with the students & staff of the college. The feedback provided by the alumni is useful for providing the necessary assistance to the students. Institute gives priority to conducting the various programs in the institute based on the suggestion of alumni. Also, alumni working in different industries & companies guide the students about the scope and vacancies in respective branches/fields. The alumni of the institute also provide consistent support in department-level activities. Current students get good career guidance from the Alumni during their visit to the institute. SEC alumni association is planning to establish scholarship funds to help

the needy and deserving students. The different courses & training programs, career guidance, placements, industrial lectures, guest lectures, are organized in the institute with the support of the alumni. The feedback and guidance about quality improvement, infrastructural development, and curriculum improvement are taken from the alumni during every alumni meet.

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/5.4.1-Alumni_compressed.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

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

Vision To provide technical education in socio-Economically backward rural region, to serve as previous resource for development of nation through Excellence in Technical education & research. Mission To impart revolutionary development in socio economic field of rural , tribal & backward region by educating student professionally & technically to face social challenges by providing them international quality education at an affordable cost.

The vision and mission of the institute have been developed with the active participation of all Faculty and guidance from experts of various fields. The institute aims at becoming renowned institute of student's choice with courses aligned with recent development and need of society. The institute follows ethical practices and encourages Indian culture and value system. The institute is also committed for rural Youth development and woman empowerment. The management including Hon. Trustees, College development Committee, the Principal, academic dean, Head of

Department (HOD) and faculties are involved in design and implementation of quality policy and plans.

The resolutions related to policies and plans, made during meetings of College development Committee (CDC) are communicated to the HODs through the Principal. The minutes of these meetings are briefed to faculties and staff by respective Head of Department in regular department meetings. Action plan for department based on Academic Calendar, Vision, Mission of the institute and the departments, Co curricular and Extracurricular Activities are prepared by Head of Departments and committee in-charges in consultation with the Principal.

Vision To provide technical education in socio-Economically backward rural region, to serve as previous resource for development of nation through Excellence in Technical education & research. Mission To impart revolutionary development in socio economic field of rural , tribal & backward region by educating student professionally & technically to face social challenges by providing them international quality education at an affordable cost.

The vision and mission of the institute have been developed with the active participation of all Faculty and guidance from experts of various fields. The institute aims at becoming renowned institute of student's choice with courses aligned with recent development and need of society. The institute follows ethical practices and encourages Indian culture and value system. The institute is also committed for rural Youth development and woman empowerment. The management including Hon. Trustees, College development Committee, the Principal, academic dean, Head of Department (HOD) and faculties are involved in design and implementation of quality policy and plans.

The resolutions related to policies and plans, made during meetings of College development Committee (CDC) are communicated to the HODs through the Principal. The minutes of these meetings are briefed to faculties and staff by respective Head of Department in regular department meetings. Action plan for department based on Academic Calendar, Vision, Mission of the institute and the departments, Co curricular and Extracurricular Activities are prepared by Head of Departments and committee in-charges in consultation with the Principal.

Vision To provide technical education in socio-Economically backward rural region, to serve as previous resource for

development of nation through Excellence in Technical education & research. Mission To impart revolutionary development in socio economic field of rural , tribal & backward region by educating student professionally & technically to face social challenges by providing them international quality education at an affordable cost.

The vision and mission of the institute have been developed with the active participation of all Faculty and guidance from experts of various fields. The institute aims at becoming renowned institute of student's choice with courses aligned with recent development and need of society. The institute follows ethical practices and encourages Indian culture and value system. The institute is also committed for rural Youth development and woman empowerment. The management including Hon. Trustees, College development Committee, the Principal, academic dean, Head of Department (HOD) and faculties are involved in design and implementation of quality policy and plans.

The resolutions related to policies and plans, made during meetings of College development Committee (CDC) are communicated to the HODs through the Principal. The minutes of these meetings are briefed to faculties and staff by respective Head of Department in regular department meetings. Action plan for department based on Academic Calendar, Vision, Mission of the institute and the departments, Co curricular and Extracurricular Activities are prepared by Head of Departments and committee in-charges in consultation with the Principal.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The management provides academic leadership to the faculty in various ways. The Principal and Head of departments are authorized to carry out the staff selection process and shortlisted candidates are recommended to the management for new appointments.

The Principal and the Head of Departments can propose the

laboratory requirements and Recommend the purchasing of equipment to the management for final approval.

Head of the Department is empowered to allocate specific subjects to appropriate faculty for the betterment of students and to get quality results.

Apart from the academic workload the Head of the Department can also assign few administrative duties to the individual faculty based on the ability and the leadership qualities of the individuals.

Head of Departments can frame strategies for maintaining discipline & attendance, conducting events like seminars/workshops, guest lectures, industrial visits and training programs.

Every faculty is given complete freedom to decide the suitable teaching methodology of his/her choice by understanding the time frame and evaluation mechanism.

Faculty is given freedom to carry out higher education including post-graduation and Doctorate.

They can recommend books to library.

The management encourages the faculty members to work on various key positions of University

committees. The members of various committees are authorized to take independent decisions for its effective functioning.

Case Study

The Annual Technical Fest - Horizon

The Annual Intercollegiate technical fest Horizon is organized every year . The technical programs like project & Model exhibition, paper presentation, Poster Presentation, Robo war & Robo Race, Lan Gaming etc. are the gist of this event.

The event is conducted in a systematic manner & Proper Planning as follows:

- Initially Horizon Faculty and student coordinator are appointed.

- HODs appoint departmental faculty and students coordinators.
- A joint meeting is held for fixing committees and their responsibilities
- Various committees are formed for Publicity and Media, Food, Hospitality and Inauguration,
- Registration, Prize Distribution under the faculty coordinator.
- Each committee is usually headed by a faculty member and supported by student volunteers.
- The Principal conducts the meeting of all these members prior to event and issue the guidelines
- regarding the smooth conduction of the program.
- On successful completion of program the Institute appreciates concerned students and
- faculties coordinators. In case of highly commendable efforts put in by faculties or students actively
- involved in execution are felicitated.
- After Completion of Event, Review meeting with students and faculty coordinators is conducted to
- know difficulties, problems faced in organizing the event.
- Their suggestions are solicited for improvements in future implementation.

Outcomes:

Such events gives exposure to work in a team and to work as team leader. Accept real life challenges and complete them in coordination with other members in stipulated time. This eventually increases smartness amongst the students to face challenges in life.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Institution has perspective plan where following areas are considered as key area:

- To introduce new program. To get permanent affiliation
- To get NBA /NAAC Accreditation
- To sign MOUs with different industries for skill Development, Industrial Training.
- To establish the recognized research center.
- To establish innovative labs, Teaching, Learning and Evaluation Outcome based teaching learning process.
- To increase the level of engagement in research among academic staff, researcher's student and quality of research to build the strength and capacity of research base.
- To build capacity among students of teacher education and liberal arts as the next generation of educators and professionals to apply research.
- To arranged the conference per year for sharing the latest research finding.

All the above plans are successfully progressing towards meeting to setgoals. One of the focused plans e.g. inculcating research culture in the institute is supported by various related policies. Primary objective of Research Policy is to enhance the research culture among faculty members in the field of Engineering.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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

College Development Committee is the apex governing body of the institute headed by the President of the Trust for policy making and budget approval.

The institutional decisions are made by the Principal in the consultation with management and the Dean Academics, HODs and various committee/cell in-charges are directed by the Principal.

The institute has constituted committees as per the norms and also additional committees for internal coordination and monitoring of the activities.

Recruitment procedure and policies are followed as per AICTE/ University/ Director of Technical Education, Government of Maharashtra rules and regulations.

The Principal and Head of Departments are authorized to carry the Faculty selection process as per the norms and shortlisted candidates are recommended to the management. Promotion and service policies are followed as per AICTE/UGC norms.

Faculties are motivated to attend training programs, seminars and workshops at other reputed institutes.

Grievance Redressal mechanism for faculty, staff and students is as given below:

- Grievance Redressal Committee is formed at the institute level to address the grievances/complaints received from students and staff members.
- The categorization of the grievances is done by the said committee and after proper analysis the Committee recommends the corrective measures.
- These are forwarded to Principal and are implemented by administrative authority to resolve the issues. Any complaints arising at department level are resolved by the respective head of departments.
- If needed, in some cases, the matter may also be referred to the Principal for his guidance. A separate Women Grievance Cell and Anti-Ragging cell is also constituted to address any specific complaints.

The various institutional level committees formed for the smooth functioning are listed as follows:

1. Internal Quality Assurance Cell (IQAC)
2. Anti-Ragging Committee
3. Committee for SC/ST
4. Women Grievance Cell/Women Internal Complaint Committee/Women Development Cell

5. Internal Grievance Committee/ Grievance Redressal Committee
6. Training and Placement Cell
7. Students Council
8. Library Committee
9. Cultural and Technical Committee
10. Alumni Association
11. Canteen Committee
12. Minority Committee
13. Committee for OBC

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/6.2.2.1_compressed.pdf
Link to Organogram of the institution webpage	https://vwjain.group/sec/wp-content/uploads/2022/03/6.2.2.2.pdf
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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Institute implements following welfare measure for faculty and non-teaching staff.

Faculty:

- Motivates and deposes faculty for pursuing higher education.
- Encouragement for the faculty for attending workshops, conferences, seminars, short term courses and faculty development program.
- Encourages the faculty to become members of professional bodies and to participate in the activities organized by them.
- Encourages the faculty to undergo industrial training and visit the industry of their domain.
- Encourages the faculty to receive research grants for their projects and provides support.
- Promotes and motivates the faculty to use the ICT tools in their teaching-learning process.
- Encourages the faculty for publication of research papers in reputed journals/conferences.

Non-Teaching Staff Institute organizes training programs as per the need for skill development of non-teaching staff. They are encouraged to participate in the organization of technical events. The other welfare provisions made for both faculty and staff as described as below: 1.Provident Fund. 2.Leaves (Casual, Earned, Medical, Vacation) as per University norms. 3.Maternity leaves for female faculty and staff. 4.Group Insurance Scheme.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

11

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

05

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

26

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Annually Performance appraisal reports are filled at the end of the academic year. Performance appraisal filled in by the heads of the department and Section in-charge is analyzed with respect to the parameters specified Appraisal forms are submitted and

assessed annually. This appraisal period is normally defined by the date of joining of the staff members in the institute. These appraisal forms consist of various parameters supposed to be carried over by individual staff during the appraisal period, according to their roles and positions in the institutional and self progress. It is mandatory for all the teaching staff to submit the self-assessed report at the end of each academic year to respective Head of the Department (HOD).

Performance Based Appraisal System for Teaching Staff

The process of appraisal is as follows-

1. The employee fills appraisal form each year and submits to the concerned hod or immediate superior.
2. After viewing the details filled by the employee the hod, if agrees to the information filled, puts his remark and forwards to the Principal.
3. The Principal after receipt of the form calls the employee personally for the discussion and discusses on his/her strengths and weaknesses and qualities with which he/she is rendering the services. Finally takes decision on performance.
4. Based on the recommendations/adverse remark of the Principal, the Office Order is issued to them concerned staff member accordingly. If the performance of the staff is not up to the mark the Head of department issues the warning notice/Memorandum. The institute offers enough time periods for the improvement of the performance to such employees. If the employee receives more than three notices or memorandums in one appraisal period, he/she is recommended for the administrative action as per the rules.

Performance Based Appraisal System for Non-Teaching Staff

Assessment of performance appraisal of non-teaching staff is done by respective HOD/section In-charge with final endorsement of Admin office and Principal. It is mandatory for all the staff to submit the information in the structured format for the assessment. The assessment of the non-teaching staff is done on the basis of their performance in different parameters.

File Description	Documents
Paste link for additional information	Nil
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 various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The budget estimates and audited statements are prepared regularly.

The internal and external audits are carried out to ensure effective and efficient use of financial resources. The internal and external audit also takes care about justified quantity of purchases and the reasonability of the rates. There is a proper allocation and utilization of the annual budget.

Institution Internal Audit

Internal financial audit is the continuous process and accountant mainly handles it. Internal audit is carried out annually. During the internal audit, the auditors may give few suggestions related to some of the finance and stock-related records, giving opportunity to the institute to address and rectify the same before external financial audit.

Institution External Audit

Every year a group of external auditors comprising a team of chartered accountants perform the auditing of the institute's financial records, and other books/accounting heads as per guidelines of the income tax department. For external audit, Management has appointed Chartered Accountant S. P. L. J and Associates, Nagpur who takes care about external audit at the end of every financial year. S. P. L. J and Associates, Nagpur conducts the external audit, and prepares the balance sheet, and income-expenditure statement. The expenditure on various heads is finalized by him. The duly audited balance-sheet is made available to the institute by him on completion of external audit.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

Nil

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

The institute is self-financing and the main source of the income is tuition fees and the development fees. As per the annual requirement, budget estimate is prepared by accountant in consultation with the Principal, considering previous year's actual expenditure and the expenditure which is likely to be incurred on future plans. The budget estimates so prepared are submitted to the governing body of the institute. The proposed budget estimates are finalized in the meetings of the governing body. Deficit, compared to the availability of funds, if any, is taken care by the management through bank loans.

The process for funds mobilization policy is given below:

- Institute detailed budget.
- Institutional receipt (Tuition and Development fee as per FRA) are properly deposited and utilized for institute's salary and non-salary expenditure. This complete process is monitored by the accountant.

As per the requirements of HODs, central library, stores and student support and infrastructure facilities, quotations are invited from the suppliers/dealers/contractors. The principal in consultation with concerned, records his recommendations on the comparative statement and the requirements of the funds. The accountant forwards the comparative statement through the Principal along with his recommendations to the management. After confirmation of the vendor by the management, order is placed upon the respective vendor through management office.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The institute has an internal quality assurance cell (IQAC) which takes care of the quality initiative continuously. It is established in the year 2017. It is headed by the principal and all HOD'S are the members. It also consists of some external experts as members. The sole objectives and aim of this committee is to improve the overall quality of academic and administrative functioning and activities of the institute in accordance with the vision and mission

The function of the IQAC includes:

- Review the results.
- Suggest a correction in the system.
- Suggest the development activities.
- Review the development activities.
- Continuous evaluation of academic performance.

Examples of best practices institutionalized as a result of IQAC initiative are as follows

Practice: Feedback system

The teaching and learning process of institutes is assessed by

the feedback system. The feedback of the students is taken at different stages. Format of the feedback is prepared by heads of department in consultation with the academic head and gets approved from IQAC. Various feedbacks are collected viz. Alumni Feedback, Parents feedback, and student's feedback on curriculum, teacher's feedback on curriculum and all the feedback are analyzed by each department. The observations and actions taken are processes through IQAC.

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/6.5.1-Part-I_compressed.pdf ,
Upload any additional information	View File

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

Continuous development is attempted through IQAC at regular intervals. It is useful for directing, developing, providing and implementing the guidelines to review curricular, co-curricular, instructional, teaching and learning materials. Latest teaching aids, techniques, activities, assessment tools and methodologies are used to enhance overall functioning to achieve the goals of the Institute along with the incremental improvement.

Two examples of institutional reviews and implementation of teaching-learning reforms are outlined below

1. Academic Monitoring System

Institute has a system of monitoring the academic activities regularly. Number of lectures conducted by faculty members is monitored monthly and at the end of the semester. The number of defaulter students is fortnightly monitored and remedial lectures are conducted for defaulter students. This resulted in a substantial reduction in the number of defaulter students. The faculty members are strictly concerned about the attendance of the students. Regarding the absenteeism of the students, the faculty members inform their parents by direct communication which results in improving the attendance of the students. Institute is always in contact with the parents of the student through parent meets which are arranged in the institute.

Internal examination and student feedback for teaching are also taken regularly. Some of the processes are mentioned below.

2. Teaching - Learning Process

The college believes strongly that the best approach to teaching and learning quality is to provide freedom for teachers and students to undertake self-motivated improvement activities with the goal of continuous improvement in their performance.

The college has taken many initiatives to bring the improvement in the quality in teaching-learning process.

Teaching and learning support: including initiatives targeting the teachers (i.e. Teaching), the students (i.e. learning). Examples include continuing education for faculty, pedagogy enhancement, student support (e.g. mentoring and career advice), support for student learning is done by focusing on the inputs, such as the introduction of new pedagogical tools, and on outputs, such as the development of certain abilities for the students. These initiatives make the teacher to identify benchmarks, promote good practices and scale them up across to meet teacher and student expectations. A quality teaching framework allows the institution to monitor, support, track teacher and student satisfaction, and study the impact on the learning process. The methodologies of teaching - learning include the complete follow up of university exam schemes, the academic calendar of university and college, digital class room teaching, industrial visits, internship of students, etc. These methodologies built up a good academic career of the student.

File Description	Documents
Paste link for additional information	https://vwjain.group/sec/wp-content/uploads/2022/03/6.5.2_compressed.pdf
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

A. All of the above

audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://vwjain.group/sec/wp-content/uploads/2022/03/6.5.3-Annual-Report_compressed.pdf
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 year

Celebration of International Women's Day :-

International Women's Day brings many things for women - a cause for celebration, a reason to pause and reevaluate a remembrance, an inspiration and time to honour, loved and admired. To honor womanhood, The Sanmati Engineering College is celebrated the International Women's Day on Monday, 8th March 2021. Our Hon'ble Secretary Madam has conveyed her message on Women's Self Empowerment.

Hon'ble Secretary Madam expressed the importance of gender equality and influenced audience about respecting women. She also insisted us that community can achieve bigger success when men and women work together. She conveyed her message to educate the women about the status of women, gender inequalities, socio-cultural context in which violence against women occurs and its impact.

Safety Measures for women:

1. The Institute provides CCTV surveillance throughout the campus for safety and security purpose.

2. Safety of girls is taken care through security guards for 24/7 throughout the campus.

3. Transportation facility for faculty and students is provided by college.

4. Fire safety :- College has a good provision for fire safety which includes 12 ABC TYPE (6KG) fire extinguishers Installed within the campus. 1 CO2 type fire Extinguisher near electrical panel room, fire bucket with sand in corridors. Proper care is being taken for fire safety with time to time refilling of fire extinguishers.

5. Electrical safety:-Electrical safety audit is carried out by external agency "TCS-ION" an agency of "Tata Consultancy services" as they are conducting online Exams of various government agencies at our center. An expert Electrical safety engineer from TCS visit college and conducts a safety audit in regular intervals.

6. Exit points: - There are for exit points in case of any electrical hazard, fire hazard or any other hazardous situations.

7. Girl students are periodically counseled on safety and security by faculty mentors.

8. Women's Grievance Committee is formed in the Institute to address the complaints filed by the Girl students and Lady faculty members.

9. The Institute has formed Anti-ragging committee comprising of lady faculty to visit Ladies common room, classrooms during and after working hours of the college time and ensures that the campus is free from ragging.

Counseling : The Institute has a mechanism of counseling students to address both personal and career related issues. Departments are also mandated to have regular student-faculty interaction meetings to take stock of problems/issues and resolve them. Every Faculty in the Institute is allotted with 20 Students to monitor their personal, academic and psychological well being by having interaction with them. Once every week, the student will meet her/ his counselors to reveal their problems and for remedies that are recorded. Seminars, talks by experts and interactions with renowned counselors help to create awareness among the students about gender related issues

Common Rooms:1.Common rooms are available for girls in the campus. These rooms are wellventilated, and has washrooms, dressing mirrors, etc.The students utilize these for having lunch and also for common discussions.

2.For Lady faculties also having separate room with washroom facilities.

File Description	Documents
Annual gender sensitization action plan	https://vwjain.group/sec/wp-content/uploads/2022/03/7.1.1-Part-I-_compressed.pdf
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://vwjain.group/sec/wp-content/uploads/2022/03/7.1.1.-Part-II-_compressed.pdf

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

SOLID WASTE MANAGEMENT

Dustbins with name plates and slogan for Swatch Bharat Abhiyan with symbol are being placed in campus. Paper scraps and old news papers are given to scrap vendors who make them recycle.

One side blank scrap pages of good quality are sorted out and are reused for printing notes, Departmental worketc.

College canteen has separate dust bins for biodegradable waste and non-degradable waste. Canteen area has a dumping pit where the biodegradable waste is dumped properly and is converted into compost which is used as manure for garden plants.

Dust bins are also placed in washrooms, common rooms.

LIQUID WASTE MANAGEMENT

Chemistry lab water outlet is drained into a separate chamber. Here the chemical containing water produced by chemical reaction is neutralized for PH maintenance.

Canteen waste water is drained to a pit of size of around 1.82 m³.

E-WASTE

E-waste obtained from scrap electronics equipments from various lab is sell to scrap vendor who recycle if possible or dispose it. Special care is taken as E-waste contains heavy metals like cadmium, lead, mercury etc.

We have a hardware lab in computer dept. for demonstration of these electronics devices like damaged CUP, Ram, processors, motherboards, printers, scanners etc.

Batteries of solar plant are recycled with the help of dealer and scrap batteries are disposed by authorized dealer.

Waste recycling system

A proper drainage system is being implemented in the institute. Waste water from urinal, washrooms is drained through closed pipes into a closed septic tank with a gas exhaust.

The terrace water of the college building is collected and arrangement has been made to harvest and percolate this water within the campus. The arrangement is made to harvest rain water in the institute building. All the rain water falling on the slab of the building is collected and made to store in a tank. The store water is used for building construction and for trees or garden. one big tank is also constructed behind the computer engineering department which is filled by pebbles, gravel and sand, all the water from the rain which are felled on workshop roof are collected in this tank.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File
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 the above
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded
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	A. Any 4 or All of the above
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and	D. Any 1 of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	View File
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Our students are on mission towards better India by breaking the boundaries of religion and caste. Thoughts of great Indian personalities sowed into the young minds by organizing various events in the Institute. The unity which India has in its diversity that serves as the melting pot of cultures, religion, communal socioeconomic and develops qualities of tolerance and understanding amongst students. Sanmati Engineering college organizes various activities on the occasion of national festivals and birth or death anniversaries of the great Indian personalities. Institute usually celebrates Gandhi Jayanti, Teachers Day, Engineers Day, cultural activities etc. Every year institute plans & organizes national festivals like Independence Day, Republic Day for national integration, communal harmony and social cohesion. Institute organizes Blood donation camp every year the main objective and purpose to organize a blood donation camp is to motivate people and students to donate blood and social work for mankind and help to maintain an adequate supply of blood to save the lives of those who are in need. It's also encouraging other who is afraid to donate blood. Institute also organized Environment awareness and tree plantation program to show the responsibility of humans to respect, protect and preserve the natural world from its anthropogenic afflictions.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

At SEC, we believe in giving holistic all round education to the students and also sensitizing students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means. Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Also, The University has introduced a compulsory subject i.e. Environment studies in their syllabus. which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc. The institute formed a various committees like

Women grievance, Internal complaint committee to educate women about their rights. Also some seminars and workshops are conducted on days of national importance on various rights, duties and responsibilities of citizen. Gender Equity programs are conducted periodically for women. Every year Republic Day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Independence Day is also celebrated every year to highlight struggle of freedom and importance of Indian constitution. Also institute organised Blood Donation camp, Gram Swachata Abhiyan, Tree Plantation Program etc. But due to Covid -19 pandemic necessitated lockdown it was not possible to conduct such type of activities.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://vwjain.group/sec/wp-content/uploads/2022/03/7.1.9_compressed.pdf
Any other relevant information	Nil

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

B. Any 3 of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Every year our institute organizes the national festivals and birth / death anniversaries of the great Indian personalities. Staff and students get to know the importance of national integrity in the country in general and their role in it. The Institution strongly believes that unless the present generation of youth are not sensitized about the significance of the festivals of our secular country and the sacrifices which great men and women of this country have made for uplifting their countrymen. the students will not be able to understand their responsibility to the nation. The unity which India has in its diversity that serves as the melting pot of cultures, religion, and ethnicity and develops qualities of tolerance and understanding amongst students. Sanmati college of Engineering organizes various activities on the occasion of national festivals and birth or death anniversaries of the great Indian personalities. Institute usually celebrates Gandhi Jayanti, Teachers Day, Engineers Day, etc. Every year institute plans & organizes national festivals like Independence Day, Republic Day, and many more. 26th January Republic Day- Republic Day is celebrated on January 26 to commemorate the adoption of constitution. On this day, various formal events including flag-hoisting. By organizing such type of events institute does its share to immersed patriotism and awareness to next generation. 15th August Independence day- It is celebrated every year in institution. It is a grand event marked with the flag hosting by the Chief Guest . 5th September (Dr.Sarvpalli RadhaKrishnan Birth Anniversary)- On 5th September, we celebrate Dr. Radhakrishnan's birthday as Teacher's Day with great fervour. The students organize a programme for the teachers and the Guru-Shishya parampara is celebrated. 2nd October Mahatma Gandhi Birth Anniversary.- A standout amongst the most mainstream events in India and Gandhi Jayanti is praised in our Institute on 2nd October of consistently to stamp the birth commemoration of Mahatma Gandhi. Gandhi was additionally famously known as the Father of our Nation, Bapu or basically Mahatma. The day is announced as a national occasion and all institutes and workplaces are closed on this celebration. The standards of truth, peacefulness and trustworthiness are recalled and generally plugged among the students of the institute.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practice I:-

1. Title of Practice: - Proctorial System

2. Goal

The proctorial system assigns a faculty member to every student the faculty member is called the proctor for the student.

- Proctorial System is for continuous academic monitoring of students for technical as well as soft skill enhancement which results in improved employability.
- Continuous monitoring of academic performance of students including their attendance and performance in internal exams as well as providing a support system to guide and motivate the students.
- To identify and solve personal and health related problems of the students.

3. The context

The Proctorial System implements with a view to advance the educational and personal growth of students. Proctorial system under which each faculty is assigned the responsibility of 20 students. Every student has his own strengths and weaknesses. Proctor is a guardian to his students and he/she knows and understands his students personally. In each class, weak students are identified by the proctor and reported to other faculty members of that class and subsequently more efforts are taken to

upgrade and improve these students. Parents are regularly updated about the performance of their ward by his/her Proctor and thus they are also involved in this process. It is basically a system that takes care of the well-being of the student with respect to both academic and non-academic issues. In short, proctorial system is a mutually beneficial relationship that offers support, guidance, assistance and contributes to the development of capable individuals. The proctorial system is relatively new in general to a student entering the institute. Effective communication with the students helps their respective proctors to understand their strengths and weaknesses. Hence they can guide them in the right direction. In some cases, counselling for time management, stress management etc. is also provided to the students by their proctor. All these activities are taken by the proctor for development of student's performance also in parents meeting all the issues and student performance are discussed with parents.

4. The practice

- A proctor is a personal mentor and counsellor for a student during the duration of stay at the institute.
- A proctor represents a parent away from home for a student, and is the first point of reference for the activities of a student during the complete course of study at the institute.
- As soon as a student enters into the institute, a faculty member is assigned to take over the role of a proctor for the student.
- The proctor not only guides the student in academic matters but also any matter of concern for the student.
- The student seeks the advice of the proctor at every step of their course of study beginning from the registration for courses at the start of every semester.
- The students meet their proctors regularly. However, depending on the need the proctor conducts more meetings with their students and their parents.
- The proctor educates the student about the various course requirements, such as the mandated minimum and maximum course load every semester, and how to choose electives.

- The proctor helps the student channel their interests and energies effectively during the complete course of study at the institute.
- At times the students might just need someone who can give them personal time and attention by listening to their struggles in transitioning from high school to a higher education environment and finally in becoming a constructive member of society.
- Engineering education is in English language and since most of the students from rural areas either speaks their native language or Hindi, but not English. This result in lack of their interest in study so special attention is provided towards these students through proctorial system.
- Most of the students are from rural areas and are economically poor. The parents who cannot afford the total tuition fees at a time or within prescribed period. In such cases the students are allowed to pay the fees in instalment as per their convenience.

5. Evidence of success

- The most important evidence of success for the proctorial system is from the testimonials of the end-users.
- The students and their parents have been very happy with the proctorial system.
- Generally, for the complete duration of the course of study of a student any one faculty member has been effective in assuming the role of a proctor.
- The behaviour of the students on the campus in general has witnessed a tremendous improvement and the students are much happier and contended with their course of study at the institute after the implementation of the proctorial system.
- The pass percentage and the average academic performance of the students have also achieved greater heights with the proctorial system.
- Some students have presented themselves as quite a challenge for their proctors, but they figure out their priorities and start performing better after counselling sessions with their proctors.

- The students have been at most risk during their initial stages in the course of study.
- The transition from a high school environment to a higher education set-up proves to be too sudden for some students.
- The proctorial system has addressed the needs of the students and effectively nurtured many students during the duration of its implementation.

6. Problems encountered and resources required.

- Efforts have to be made to inculcate sense of guardianship in the faculty members for increased effectiveness of the Proctorial system. Making the students realize the importance of sharing their problems/issues with their respective mentors.
- Adjusting academic schedule to accommodate this activity.

Best Practice II:-

1. Title of Practice: - Eco-Friendly Campus

2. Goal

The main objectives are listed below

- Implementation of cleanliness agenda among stakeholders.
- Initiating activities to protect the environment.
- Minimization of waste generation and safe disposal of the wastage.
- Conserving water and recycling it.
- Expanding the Greenery within the campus to ensure pollution-free air.

3. The context

- Environmental protection is very essential factor in our day to day life. Maximum use of natural resources and keeping our environment clean and green are necessary for healthy living and sustainable future. In this context, our institute has initiated various activities and awareness programs to promote the mission

of green campus

. • Provision of expenditure on green initiatives and waste management done by management annually. Green audit of a college campus aims at understanding the present environmental status and to find out ways to internalize environmental issues which are well felt externally.

4. The practice

• Policies related to green initiatives and waste management are established and implemented

• Plantations in large numbers within the campus and their efficient maintenance should be done to keep green campus.

• Rain Water Harvesting: The terrace water of the college building is collected and arrangement has been made to harvest and percolate this water within the campus. The arrangement is made to harvest rain water in the institute building. All the rain water falling on the slab of the building is collected and made to store in a tank. The store water is used for building construction and for trees or garden. one big tank is also constructed behind the computer engineering department which is filled by pebbles, gravel and sand, all the water from the rain which are felled on workshop roof are collected in this tank.

• Solar panel and LED are installed in campus to save electricity. Total power requirement of the college is 37.5kw and percentage of Power requirement met by renewable energy sources (Solar) is 3.5kw. Also Total Lighting requirements of college 6.974kwh and Percentage Lighting met through LED bulbs is 2.054kwh.

5. Evidence of success

• The reports of Green, Energy and Environmental audits portray the success of the green practices followed in the campus.

• Energy saving achieved in terms of percentage of contribution is shown below:

Total Lighting requirements: - 6.974kwh

Percentage Lighting through LED bulbs: - 2.054kwh

Percentage Lighting through solar: - 3.5kwh

- Celebrated all major days related Environment - Environmental day, water day and so on to create awareness among the young minds about the need for sustainable environment.

6. Problems encountered and resources required.

- A huge investment is required to build up an alternate energy source.

- Continuous efforts are required to create awareness and to sustain the GO GREEN policy. Organizing programs related to this theme of practice amidst heavy academic schedule is necessary.

File Description	Documents
Best practices in the Institutional website	https://vwjain.group/sec/wp-content/uploads/2022/03/7.2.1-Best-practices_compressed.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

With the vision of our institute to provide technical education in socioeconomically backward rural region, institute is a strong support system for the students belongs to villages also from poor families. Our institute is an opportunity for the rural students to pursue the higher technical education and also to developed, progress their poor families economically. Most of the students are from rural areas poor background, but they are not poor in talent, knowledge and humility. Our college staff identifies their hidden skills and encourages them as per our mission statement. Institute also provides financial assistance to meritorious, needy and deserving students. At the time of admission when the economically weaker students are unable to pay the prescribed fees, they are assisted with the full fees by the institution and staff members. Also instalments are provided to students to pay the reduce fees. Apart from this institute gives

the Special scholarship to poor and meritorious students at college level. The only vision behind these activities is to offer skillful quality higher technical education to backward rural region students without the burden of large fees structure.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Sanmati Engineering college started conducting various developmental activities to insure the improvement in quality in almost all areas such as academics, co-curricular and extracurricular activities, faculty and students development. To induce and enhance the social bonding and responsibility among the students, institute has planned and initiated conduction of various social activities. The social activities will give good social exposure and connect to the students as well as faculties.

Sanmati Engineering College is constantly focusing on the vision, mission and core values of the institute. In next year, we have planned for following initiatives.

- 1) To submit the proposal to aicte for approval to start the new branch named Artificial Intelligence and Data Science.
- 2) To enhance and upgrade the academic administration and Infrastructure.
- 3) To focus on increasing the participation of students in soft skill programs to build the various skill required for job placement, campus drives, interviews etc
- 4) To increase the MOUs with industries for improving various skills among the students.
- 5) To induced and develop the research attitude and thinking and to aware the students and staff about the recent developments in research areas, we have planned to conduct national level conference and also established Inovation and Incubation Cell and IPR cell.
- 6) To focused on increasing academic and extracurricular

activities for the holistic development of the students.

7) To submit the proposal to university and aicte for increasing the intake of computer science and engineering branch.

NAAC