



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

**SHREEYASH PRATISHTHAN'S SHREEYASH
COLLEGE OF ENGINEERING AND
TECHNOLOGY**

- Name of the Head of the institution **Dr. R.S.Pawar**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **02406608702**
- Mobile no **9049989805**
- Registered e-mail **principal@sycet.org**
- Alternate e-mail **sycet@yahoo.com**
- Address **Gut No.258 (P),Beed Bypass Road
, Near SRPF Camp.,Satara Parisar**
- City/Town **Aurangabad**
- State/UT **Maharashtra**
- Pin Code **431010**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**

- Location **Urban**

- Financial Status **Self-financing**
- Name of the Affiliating University **1] Dr.Babasaheb Ambedkar technological university Lonere, Maharashtra India 2] Dr.Babasaheb Ambedkar Marathwada university Aurangabad, Maharashtra India**
- Name of the IQAC Coordinator **Vilas Wamanrao Patil**
- Phone No. **02406608741**
- Alternate phone No. **02406608709**
- Mobile **9403760722**
- IQAC e-mail address **vilas.patil@sycet.org**
- Alternate Email address **vb_patil27@rediffmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)) <https://sycet.org/naac/aqar/2020-21/AQAR-2020-21.pdf>

4.Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://sycet.org/naac/aqar/calendar/sycet-naac-aqar-calendar.php>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	B+	2.66	2022	20/12/2022	19/12/2027

6.Date of Establishment of IQAC **30/09/2016**

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	00

8.Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year 03

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **No**

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

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

- If yes, mention the amount

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

1] Conducted Academic and Administrative audits by TUV NORT Certification, Pune 2] Interacting with all heads in every week for maintaining and sustaining quality education. 3] Ready Engineer Program (Tata Technologies, Pune) 4] Motivated to faculty members for attending the online FDP's 5] NPTEL online courses and certifications for the faculties and the students

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
1] TATA Ready Engineer programme [TATA Technology]	1] Completed the TATA Ready Engineer programme by the students
2] Motivated to faculty members for attending the FDP	2] Most of the faculty completed FDP's
3] NPTEL online courses and certification for the faculties and students	3] Most of the faculty and students completed NPTEL online courses
4] Plan to conduct the Webinars and FDPs	4] Many Webinars and FDPs conducted for the students and faculties

13. Whether the AQAR was placed before statutory body? Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	26/12/2022

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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Year	Date of Submission				
2021-22	30/12/2022				
15. Multidisciplinary / interdisciplinary					
NIL					
16. Academic bank of credits (ABC):					
NIL					
17. Skill development:					
NIL					
18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)					
NIL					
19. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):					
<p>Outcome base Education is incorporated by DBATU University in the syllabus. Course Outcomes for each course are defined by individual Course Coordinators by referring university syllabus. Each Course Outcome is mapped with the Program Outcomes and Program Specific Outcomes to assess the student's progress continuously which is the part of Outcome based Education.</p> <p>The attribute related to POs are assessed through participation of the student in societal activities as well as ethical practices. PSOs are attained by indirect assessment tools like student feedback, alumni feedback and alumni meet.</p>					
20. Distance education/online education:					
NIL					

Extended Profile

1.Programme

1.1	323
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	1851
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	303
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	362
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	102
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	102
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	31
Total number of Classrooms and Seminar halls	
4.2	365.2388
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	467
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

1. The institution follows the curriculum prescribed by the affiliating university for UG Courses and PG Courses.

2. The institution develops action plans for effective implementation of the curriculum prescribed by DBATU & BAMU. The academic audit committee is set up at institute level to facilitate curriculum planning, implementation, assessment and monitoring.

4. In the beginning of the academic year, the Principal prepares an academic calendar with the consultation of heads of various departments.

5. The time table for the class is prepared and approved by HOD and Principal for regular conduction of class by Subject Teachers.

6. Daily Progress of each department is monitor with ERP (Enterprise resource planning) software

7. The activities like theory, practical classes, class test, practical examination, seminar, project reviews are conducted.

8. Course files and Lesson plans are maintained by each faculty with the help of blue muster for their respective subjects and they are reviewed on a continuous basis by the HOD & Principal.

9. On regular basis the Principal & HOD's meetings and HOD & Faculty's meetings are conducted regarding monthly and weekly departmental activities. By discussion points new methodologies implemented in every department.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

1. In the beginning of the academic year, the Principal prepares an academic calendar with the consultation of heads of various departments.

2. The time table for the class is prepared and approved by HOD and Principal for regular conduction of class by respective Subject Teachers.

3. Course files and Lesson plans are maintained by each faculty with the help of blue muster for their respective subjects.

4. For Continuous Internal Evaluation, Syllabus Completion weekly and monthly report is generated.

5. ISO audit has conducted.

6. Daily Progress of each department is monitored with ERP (Enterprise resource planning) software as well as hard copy in the form of Daily Progress Report by the Principal & HOD's.

7. The activities like theory, practical classes, class test, practical examination, seminar, Project assessment as planned in

the academic calendar are monitored by HOD & Principal. Class Test-I/II and Mid-Semester Exam (MSE) are conducted.

8. A unique characteristic of the institute is TEACHER-GUARDIAN scheme. Guardians being informed and consulted for improvement in attendance and performance of their ward. Various Activities are conducted by TG.

9. Student, Teacher, Alumni and Employer feedback are taken by the institute.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

A. All 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

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)

3

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
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

101

File Description	Documents
Any additional information	No File Uploaded
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

1. Institute inculcate Professional Ethics along with Professional skills through the conduction of different workshops , seminar, and Department Activities .

2. Institute imbibe Gender, Human values in curriculum through the conduction of different workshops, seminar, and Department

Activities like Yoga sessions, Tree Plantation Drives. Different Sports and cultural activities are organized to teach them better team work spirit.

3.Field Training/Internship are part of Semester Curriculum in every Year, to inculcate relevant Professional Ethics, Human Values.

4.We follow code of conduct for the students to teach and Practice them Professional ethics .

5.Ragging is banned on the institute campus.

6.Students shall compulsorily wear the prescribed institute uniform on all working days except Thursday.

7.Smoking and consumption of alcohol in Premises is strictly prohibited.

8.No teacher shall be absent from duty without prior permission. Even during leave or vacation with the prior permission of the competent authority.The teacher should inform HOD & the Principal in writing.

9.A teacher shall, at all times, be well-mannered in his/her dealings with the management, with other members of staff, students and with members of the public.

File Description	Documents
Any additional information	View File
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

47

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
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

462

File Description	Documents
Any additional information	View File
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://sycet.org/naac/aqar/2021-22/Criteria_1/1.4.1/1.4.1.php
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	View File
URL for feedback report	https://sycet.org/naac/aqar/2021-22/Criteria_1/1.4.2/1.4.2-ACTION-TAKEN.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

302

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

127

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

The students admitted in our college are coming from various economic sections and communities of the society. After admission,

the induction program is conducted for first-year students, and their learning ability is evaluated based on their percentage of Higher Secondary Certificate Examination. The induction program educates the students on importance of communication skill, historical aspects, learning with fun, yoga in day-to-day life, team work, etc. After the assessment of the student's learning ability, slow learners are motivated to do better and advanced learners are encouraged to excel in their particular course. The course coordinator based on the need of the respective course decides method of identification and activities for slow & advanced learners for his/her courses. Advanced learners are encouraged to refer reference books, textbooks, online journals. Advanced learners are also encouraged to apply for different technical and state/central government competitive examinations like GATE, MPSC/UPSC, IES etc. All students are motivated to participate in webinars, online quiz competitions and also to participate in NCC. College arranged soft skill sessions, expert lectures and webinars on current emerging technologies for all students.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_2/2.2.1/2.2.1.php
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
1851	102

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

The institution has shifted from the traditional teacher-centric approach to a student centric approach. The teachers act as a catalyst and students play dynamic role in the learning process. The institute utilizes a blended education approach which provides

individualized, student-centered learning atmosphere with increased access to contents. Participative learning through regular classes supported with seminars. Separate lectures are conducted for soft skills. Videos and animations of technical concepts are shown to make lectures more interactive. For overall development of students, the institute also conducts cultural and technical activities. Experiential learning is supported by industrial and in-house projects.

Experiential Learning: Experiential learning among students is promoted through

- ? Laboratory Experiments

- ? Industrial visits

- ? Inplant Training

Expert lectures Participative Learning: Participative learning among students is promoted through

- ? Regular classes

- ? NCC & NSS participation

- ? Technical event organized and participation at our institute

- ? Technical event participation at other institutes

Problem Solving methodology: The problem solving approach helps the student to understand the root cause of the problem and come out with best possible solution. Problem solving approach is promoted through

- ? GIZ Projects

- ? SAE-TIFAN Project

- ? Smart India Hackathon Project

File Description	Documents
Upload any additional information	View File
Link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_2/2.3.1/2.3.1.php

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

Teachers of our institute take the advantage of ICT enabled tools for the benefits of students. Staff of each department uses PPT presentations, animated videos, e-Books, LCD projector and many of them created their own You Tube channels for particular subject. Video recordings of the subject lectures were shared with the students. A dedicated Google group named SYCETA has been created by Training and Placement cell for circulation of placement related notices to the all students. Student feedbacks, Class test and Mid-Sem Examination is conducted through ERP software and results were displayed within the stipulated time.

We have smart classrooms which are enabled with ICT facility. Online subscription of Delnet, J-Gate is available for preparation of seminar, project work and research paper publications of students. E-resources like National Digital Library, Dr. BAMU Remote Access is available in our e-Library. Our computer laboratories are well equipped with the latest high-end software like Solid-Edge, CATIA, UG, AUTO CAD, MATLAB used by both UG and PG students.

E-Library is equipped with high speed internet where student can access the online data required for academic activities. Our college has established the language laboratory for enhancing our student's communication skills.

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

102

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

102

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

07

File Description	Documents
Any additional information	View File
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

395

File Description	Documents
Any additional information	View File
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.

Institute follows affiliating university guidelines for the internal assessment. Internal examinations, namely Class Test I and Class Test II and Mid Semester Examination in each semester are planned in academic calendar and executed. After assessment, answer sheets are shown to students and answers are discussed with students. Examination results are displayed on notice boards and the marks of continuous assessment I and II are uploaded on University portal based on the performance of class test I and II.

Term work marks are given based on attendance, journal writing, assignments and timely completion of submission. As a part of the internal assessment of projects, field training, inplant, internships and seminar a review committee is formed which comprises of all the guides and Head of the department. The review committee of the department takes the review of the students and then accordingly suggestion/correction/modification, are given to the students. The performances of the students in review are recorded and the same are used to calculate the marks of the

students in term work.

The respective coordinators are appointed to look after the smooth conduction of the activities. Overall performance, attendance, feedback about the student is communicated to students and parents.

File Description	Documents
Any additional information	View File
Link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_2/2.5.1/2.5.1.php

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

Institute follow the schedule given by the affiliating DBATU University to solve examination related grievances. During the examination, if any student finds uncertainty in question paper supervisor take the cognizance and convey the same to the University through Principal.

The Theory Examinations (60 Marks) are conducted and evaluation is done by the university CAS centres. After the result of examinations, Students can apply for a photocopy of the answer sheet and revaluation of answer books of university end semester examination as per the procedures of the DBATU University. After receiving photocopies, if student is not satisfied about its assessment, he/she may apply either for rechecking or revaluation. The application is forwarded to the University for Necessary Action. In case of revaluation, university reappoints examiner and the answer sheet are re-evaluated. The result is communicated to Institute and to the student.

The institute facilitates the redressal of grievances related to University examinations through notices displayed on notice boards on regular basis. Students who have the grievance related with mark sheet, change in name in mark sheet, student enrollment shall make an application to the Principal. College sends the letter to the university through Principal to resolve the issue.

File Description	Documents
Any additional information	View File
Link for additional information	https://sycet.org/naac/agar/2021-22/Criteria_2/2.5.2/2.5.2.php

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 Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are drafted in-line with the vision and mission of the college. POs, PSOs and COs are satisfying the guidelines of Outcome Based Education and Bloom's Taxonomy.

Each program has clearly stated Program Outcomes (POs), Program Specific Outcomes (PSOs) for the program which are achieved through Course Outcomes (COs) and Co-Curricular Activity. Students and staff are aware with Vision and Mission of the college. POs of the program are in line with Graduate Attributes and COs for each course are finalized by individual Course Coordinator.

The assessment of course outcomes is done by using direct and indirect measurement tools.

POs and PSOs are displayed/conveyed through:

A) Institute website.

B) Display Boards at Department and other common places.

The Course outcomes for the specific course are communicated and explained by faculty to students at the commencement of the course. It is also uploaded on the College website for information to the viewer.

POs and PSOs and COs are a mandatory part of the course file prepared by the course coordinator.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sycet.org/naac/aqar/2021-22/Criteria_2/2.6.1/2.6.1.php
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.

Course Outcomes for each course are defined by individual Course Coordinators by referring university syllabus. Each Course Outcome is mapped with the Program Outcomes and Program Specific Outcomes to assess the student's progress continuously.

Every teacher does the mapping of COs with units in syllabus in such a way that one Course Outcome corresponds with one unit for theory subjects and one course Outcome corresponds with two or three experiments for practical subjects. Correlation of COs with PSOs, PEOs and POs is in terms of 3, 2 and 1.

Every teacher judiciously decides the target of attainment. The different evaluation measuring tools/methods such as Mid-Sem Examination, Internal Assessment (Class Test) and End Semester Examination sheet are used as an indicator for attainment of COs. Then attainment level for COs, POs and PSOs is calculated.

Data collected using direct assessment tools like Class Test and Mid-Sem exam are analyzed by faculty member for attainment of POs and PSOs through attainment score of COs.

The attribute related to POs are assessed through participation of the student in societal activities as well as ethical practices. PSOs are attained by indirect assessment tools like student feedback, alumni feedback and alumni meet.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sycet.org/naac/aqar/2021-22/Criteria_2/2.6.2/2.6.2.php

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

362

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://sycet.org/naac/aqar/2021-22/Criteria_2/2.6.3/2.6.3-Annual-Report.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://sycet.org/naac/aqar/2021-22/Criteria_2/2.7.1/2.7.1-SSS-21-22.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)

03

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
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

02

File Description	Documents
Any additional information	View File
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

02

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	View File
Paste link to funding agency website	https://rgstc.maharashtra.gov.in/

3.2 - Innovation Ecosystem

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

Response:

Institute provides necessary facilities and guidance to the students and faculties. They are encouraged to involve in the application of technology for societal needs.

The institution has received approval of Research Centre at Mechanical Engineering Department from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Various add on courses like TATA Ready Engineer, C language etc. organized by institute for student's knowledge up gradation and

skill improvement.

Students are encouraged to gain hands on experience, Publication of Research Papers in reputed journals, FDP/STTP and presentation in national and international conferences .

Students provided common facilities to incubate viz. office support, equipment support via various laboratories and technology support.

Awareness meets, workshops, seminars and guest lectures on Innovations, Recent Trends, Start-ups and Entrepreneurship are organized.

Students are encouraged to work on live projects under GIZ-MASSIA, SMART India Hackathon and various industry sponsored projects.

The institute also took the initiative of organizing awareness program on Entrepreneurship, Start-up Ideas, and Skill Development, Innovation and Research Methodology, Social Problems, environmental issues, awareness programme for girls.

The institute has also signed MOU with various manufacturing industries, IT fields and organizations such as Indo German Tools Room, Atal Incubation Center, etc. to provide student Internship, Implant Training,

File Description	Documents
Upload any additional information	No File Uploaded
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

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

00

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

14

File Description	Documents
Any additional information	No File Uploaded
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

07

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

Response:

The institution has established NSS unit since 2008 which organizes various extension activities such as blood donation, tree plantation, environment awareness Camp, food donation, and cleanliness drives every year at different villages to address the societal issues and sensitizes our students towards them.

Women's fitness & Diet under the scheme Women's Grievance Cell was organized by SYCET on the occasion of women's day. Also women's day is celebrated every year.

Yoga and Meditation session were conducted during induction programme also International Yoga Day always celebrated in college every year to promote health awareness to all beneficiaries.

Blood Donation Camp was organized by SYCET every year in which students and faculties donate blood to contribute in this great work of life saving. To provide blood for the needy, our students donated blood. The students of our college actively participate in social service activities leading to their overall development.

Rapid vaccination is the only way to fight against COVID-19. Vaccination camp was organized by SYCET for the age group 15 to 18 and above. First, Second and booster dose during Covid-19 pandemic are made available in the college campus.

File Description	Documents
Paste link for additional information	Nil
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

10

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	View File

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

17

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

1287

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

308

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

14

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.

The Institution is sited on 10 acres of lush green campus with built-up area of 18734.36 sq m.

The following state-of-the-art infrastructure exists to create conducive environment for teaching-learning activities:

- 29 classrooms, 7 tutorial rooms, 44 laboratories, 2 seminar halls, 1 drawing hall, central- library, workshop and computer centre for undergraduate and postgraduate programs and all are as per the AICTE norms and the Dr. Babasaheb Ambedkar Technological University, Lonere.
- Few classrooms are enabled with ICT facilities.
- Seminar halls are equipped with audio visual equipment to conduct seminars/workshops.
- Separate hostels for boys and girls students, canteen, transportation facility, amphitheatre and playgrounds do exist on the campus.
- The Institution has a Central Library with adequate facilities of reading room, lending section and digital library consisting of Online Lectures/Videos/e-Journals, etc.
- There are more than 21000 Volumes of books with wide range of titles and authors, several journals of national and international repute available in the Central Library.
- Institute has 467 computers for the use of students and 93 computers for staff with internet connectivity of 455 Mbps leased line.
- The central workshop is equipped with different facilities for conducting practical in Carpentry and Pattern making,

Fitting, Welding, Foundry, Sheet Metal, Black smithy and Machine Shop.

- To cater to the needs of learning recent technologies, institute has established centres of excellence like e-yantra robotics lab with cooperation of IIT Bombay, SYCET industry cell, virtual lab, Centre for European studies.
- To ensure 24 x 7 un-interrupted power supplies, one generator of 64KVA capacity is there on the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sycet.org/naac/agar/2021-22/Criteria 4/4.1.1-ADDITIONAL-INFORMATION-2for AQAR2021-22.pdf

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

- The College has a playground for outdoor sports facilities like Volleyball, Cricket, Football and Kabaddi etc. and also for indoor games such as Table Tennis, Carom, Chess and Badminton etc.
- Expert sportspersons from among the students give training to the students participating in various Zonal and Inter-University level tournaments. Occasionally outside coach is hired.
- Every year college organizes an event "Rising Rhythm" to conduct various indoor and outdoor sports competitions, cultural activities wherein various cultural activities like dancing competition, music competitions, drama competitions, fashion show, flash mob etc.
- To organize various cultural events at college level an Amphitheater of area 875 sq m with stage is provided.
- The college has a Yoga Centre facility for students and staff.
- The college has different clubs and forums which conduct various co-curricular and extracurricular activities.
- Separate gym facility is provided for boys in their hostel.
- The Institution recognizes and provides certificates/trophies/mementos, etc. to deserving sportspersons to motivate them to achieve excellence.
- Various National and International days like World Environment Day, World Yoga Day, Engineers' Day and other

National Festival celebrations Day provide a forum to showcase the talent of the students.

- To facilitate all cultural/extra-curricular activities of the institute, seminar halls and amphitheater are made available.
- The students are also encouraged to participate in different competitions held in various institutions at local/zonal/state levels.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_4/4.1.2ADDITIONAL_INFORMATION_AQAR2021-22.pdf

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

13

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_4/4.1.3AdditionalInformation.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)

50.32626

File Description	Documents
Upload any additional information	View File
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)

The library is automated using Integrated Library Management System. The following chart justifies the type of software and nature of automation.

Sr. No.

Year of Automation

Name of the software

Nature of Automation

Version

1

2015

DELPLUS

Partially

2.0

The main objective of the Library is to disseminate useful information to the students and encourage lifelong learning through its reading materials and resources. The Library is located centrally in the institute. The library has more than 21000 Volumes. The Library subscribes full text e resources providing access to e-journal and e-books etc. Accesses to the e-resources are based on the authenticated IP address (http://114.143.155.206). The Library organizes regular user

orientation programmes for the library users regarding the use of Library sources and services. In the beginning of every academic year, an orientation program about how to avail library facility is conducted for the newly admitted students of the institute. Resources like digital scanner, printer, photocopiers and CCTV camera system for security etc. are available. Digital Library is equipped with 10 desktop for fast and seamless access, the internet and e-resources for the benefit of their academics & research. During the preparatory period for semester examination, library is kept open for 24 hours.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://sycet.org/naac/aqar/2021-22/Criteria 4/4.2.1Intro of Delplus AQAR 2021-22.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
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)

2.99258

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
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

46

File Description	Documents
Any additional information	View File
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

For catering to the ever-changing needs of IT facilities by various departments, Computer Science Engineering Department of SYCET constantly updates the IT facilities including Wi-Fi.

- The Central Computing Facility as well as various computer laboratories in different departments are well equipped with branded machines and latest configuration.
- The need from a particular department of modifying/upgrading/changing the specifications. This is regularly done by upgrading either RAM, ROM, buying next generation machines having latest configuration like processors, monitor size, latest antivirus protection etc.
- Internet leased line upgraded in 2021-2022 by 300 Mbps along with 155 Mbps.
- Class rooms are provided with LCD Projectors which have seen their upgradation from Epson-S5 to Epson EB-01.
- To cope up with unprecedented situation, the institute readily prepared itself by creating Central Recording Facility for lecture recording as well as upgraded the teaching online process by purchasing web camera; digital writing pads which can have easy interface to

desktop/laptop/mobile phone thereby getting connected with internet and then enabling the teacher to use online assistance.

- **Open-Source Resources:** To reduce the dependence on propriety software and tools, we strongly promote open-source software, tools and applications for supporting computers assisted learning, teaching, design. Currently institute supports various version of Linux, Ubuntu operating system. Some of the open source software tools used are JDK, Star UML, Eclipse, GCC & G++, SSH, My-sql server and client, Scilab LEX, YACC, NETBEANS, ECLIPSE, NOKIA TOOLKIT Turbo C++ etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria 4/4.3.1-Additional-Information-22.pdf

4.3.2 - Number of Computers

467

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	View File

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)

365.2388

File Description	Documents
Upload any additional information	View File
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

- Lab-in-charge is assigned to take care of routine maintenance of machines/equipment, infrastructure and furniture in a laboratory.
- Laboratories are utilized for various purposes like conduct of experiments, practical classes, research, testing.

Library:

- The Library works on open Access basis. The stack of books, journals, previous journals, PG level dissertation theses are maintained separately.
- Frequent application of anti-termite chemical, insecticides and pesticides is done
- Housekeeping, cleaning of racks, dusting is done regularly.
- Separate reading room for staff and students.
- For borrowing books library cards are prepared

Sports Complex:

- The sports equipment, ground is supervised and maintained by sports in-charge.
- Sports ground for the students of the college for practice.

Computers and ICT facility:

- Every department has computer laboratory in which students can utilize the computing and internet facility.
- IT facility is maintained by System Administrator and Technical Assistants are working in CSE Department.

Classroom:

- Allotment is done as per the lecture schedule
- For any additional requirement/maintenance in furniture (dual desks), HOD forwards an application to the Principal for approval.

Procedure for Civil Infrastructure Maintenance:

Buildings & Roads

- Periodically all the buildings are inspected and repairs are carried out as per the maintenance budget.

Housekeeping and Gardening

- Supervisor is appointed in the institute for cleanliness and it is maintained with the help of separately recruited housekeeping staff.
- Lawn and nursery is maintained by using water from Sewage Treatment Plant.

Electrical Maintenance

- The working conditions of the electrical equipment/fixtures are periodically checked, if need be, are replaced or repaired.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_4/4.4.2ProcedureandPolicies.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1603

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

28

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://sycet.org/naac/aqar/2021-22/Criteria_5/5.1.3/5.1.3.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

677

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

677

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	No File Uploaded
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

60

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

10

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

1

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	No File Uploaded
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 theme of promoting and participation of students' representation and engagement in various administrative, co-curricular and extracurricular activities is to involve the most

focused stakeholder in policy making processes for making continuous and comprehensive development of students in teaching learning processes. There are activities conducted which can shape their multi-dimensional personality and groom them as better human beings. Being a part of administrative body they acquire abilities, skills thought processes, problem solving ability which prepare them to face the social economical and environmental requirements. Various committees have been constituted at institute/ department level and most of them are given below.

1. Student council has been selected in each academic year the eligible competent and having similar background under section 40(3) of MU Act 1994. This council is established and it performs its duties. It consists of head of institutes faculties nominated by principal, 3 class toppers; NSS program officer, sports student coordinator, cultural program student coordinator, Principal nominated 2 female representatives. All the funds are arranged by institute except NSS. 2. Student grievance and Repressive Committee: Student grievance and Repressive Committee is form to address student grievance and maintain harmony and discipline among students. 3. Anti-Ragging: 4. Cultural activities etc.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_5/5.3.2.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

20

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

Yes, the institute is having registered Alumni association, the registration number being 597/16. The institution also has an alumni link on college website portal. Main objective of the Association is to bridge the gap between the college and alumni. They have been responsible for keeping complete track of alumni with their required details; inform them about the current changes and achievements of the institute. Alumni association meetings take place yearly and future plans are discussed in the meetings. Along with the association meeting annual alumni meet is also organized at the institute level every year. Alumni on our campus for the benefit of the juniors, namely for conducting viva, STP activity, conducting mock personal interviews, discuss business and entrepreneurship opportunities. All these activities are carried out during weekends. Alumni extend their support for campus placement.

The following are the activities and major contributions of alumni

- 1) Invited as resource person on the area of their expertise.
- 2) Placement activity through their credibility and recommendation
- 3) Conduct career guidance program
- 4) Work as examiners for practical examination and project evaluation
- 5) Participation in curriculum development

6) Render industrial visit and training in their respective companies

7) Contribute as a judge for institute competitions.

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

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

File Description	Documents
Upload any additional information	No File Uploaded

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 be recognized internationally for Excellence in Education & Research to benefit the society.

Mission:

To Create a Technology Savvy campus to impart value-based education.

To develop an environment to faster technology incubation and relevant research and development.

To Improve the Satisfaction level of all stakeholders.

Quality Policy:

1. We committed to follow par excellence teaching practices to meet global demand of competent and trained human resources in Engineering, Management and Pharmacy sector by remaining accountable through self evaluation
2. To operate with continual improvement within the statutory and regulatory framework.

3. To review its policies and objectives regularly for ensuring its effectiveness.

Nature of Governance:

The top management including (Board of Governance, Chief Executive officer), Principal and faculties focus on institutional goals as follows:

1.Top management directs Principal focusing on vision and mission of the institution

2.The Principal consistently follows top management policies to achieve the vision with the support of staff.

3.Principal, IQAC Head, Registrar and Head of Departments come together to form different committees to provide "decentralized administration" to achieve the institution's objectives.

4.The institution is committed to follow the quality framework defined by ISO 9001:2015 with the support of IQAC.

File Description	Documents
Paste link for additional information	https://sycet.org/index.php
Upload any additional information	View File

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

College promotes a culture of participative management. Therefore, the committees are set up to execute the strategies:

- Board of Governance
- Principal's Administration
- HOD Level
- IQAC
- Faculty Level
- Students Council
- Cultural and sport and other activities

Top Level Management:

(Board of Governance, Chief Executive Officer) provide directions

and guidelines focusing on the vision and mission of the institution.

Principal's Administration:

This is the key node that provides effective administration by handling academics and all college level administration.

Head of the department (HoD) Level:

The heads of each department have enough freedom to plan for overall development of the department. They can take necessary action for overall controlling and monitoring of the department.

Faculty level:

The departmental committees for various activities are formed in every department. Class teachers have sufficient authority to suggest and implement a variety of technical and non-technical programs, Workshops, seminars of student interest, Alumni Interactions, hands on practices, Industrial Projects, implant training, industrial training etc. Faculty by their choice can take initiative and organize seminars, workshops.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/agar/2021-22/Criteria_6/6.1.1-Governance-BOG-MOM.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute is committed to equip the students with value added engineering and employability skills in conformation with the current and future needs of the industry, and the society along with values that define professional conduct. The Institute ensures the effectiveness of Quality Management System through continual improvement. Based on the Vision and Mission of the Institute and inputs from various stakeholders, the Quality Policy was drafted. The Institute is ISO 9001:2015 certified. All academic and administrative activities are formalized as ISO processes and associated with documentary evidence in the form of standard formats. A Quality Manual is prepared. Process owners are

identified with these processes and Quality objectives (responsibilities) are assigned to them. These processes are audited once in every semester by internal certified auditors. The outcome of the audit is presented in the form of Non-Conformities (NC) and observations. Corrective action is done by NC closure activity. The change requests, if any, in the objectives, processes and forms is processed and approved by a committee consisting of Principal, MR.A biannual Management Review Committee (MRC) meeting is conducted to verify whether the Quality objectives have been achieved and/or suggest changes for achieving the same.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://sycet.org/naac/agar/2021-22/Criteria 6/6.2.1-PerspectivePlan.pdf
Upload any additional information	No File Uploaded

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.

The head member of the Institute's trust is Chairman followed by Member of Boards.

The Chief Executive Officer (CEO) is followed by the Principal as Head of the Institute, Director and Local Management Committee.

Under Principal, Registrar followed by Accountant, Office Superintendent.

The Librarian is there directly under the principal followed by the library assistant.

The Training and placement Cell work directly under the supervision of the principal. Each department has Heads as HOD reporting to the principal.

Under HODs Professors, Associate Professors, Assistant Professors and lab in-charges work

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://sycet.org/naac/Criteria_6/6.2.2-ORGANOGRAM.pdf
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
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

The Institute offers welfare measures for its staff members such as the Employee Welfare fund. The Institute contributes its share in the respective provident fund account from time to time as per the guidelines of that account.

In a view of offering security to staff and their families, a provident fund measure is offered to them by the Institute. The Institute has judiciously paid its consecutive share for the welfare of the staff. It has benefitted them in many ways in difficult situations.

Along with it institute also has Employee Group Insurance for all its staff members.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_6/6.3.1.-PF-merged.pdf
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

4

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

2

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

15

File Description	Documents
IQAC report summary	View File
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

Performance appraisal forms are designed for each cadre of teaching staff (Professor, Associate Professor and Assistant Professor) addressing contributions appropriate for the cadre. Every faculty member submits a self appraisal captured the

performance in all spheres, academic or otherwise. The college addresses all the issues related to the appraisal system of the staff and regularly evaluates it. Performance appraisal is divided three categories:

1. Teaching learning assessment: This includes teaching and learning process, regularities in conducting the lectures, student's participation. Also, academic and research development of the staff is taken into consideration, FDPs, workshops, seminars, conferences attended by the faculties, research papers published, patents applied, involvement into innovation projects, academic projects etc.

2. Performance and General Attributes: It includes the knowledge upgradation in the specialized area/ subject, interpersonal relationships with team and heads of the department.

3. Result Analysis. Result analysis of the respective subjects for the last 3 years is taken into consideration for the appraisal process. Average result of the last 3 years is considered.

Each staff member submits his/her performance appraisal to the respective head of the department. Performance is assessed by the head of the respective department then submitted to the principal and reviewed every year.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/agar/2021-22/Criteria_6/6.3.5-Appraisalform.pdf
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 Institute has established mechanisms for conducting audit in every financial year to ensure financial compliance. Finalization of accounts is completed in March and audited statements are prepared in November duly signed by the Principal, Chairman and chartered accountant.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/agar/2021-22/Criteria_6/6.4.1-FinancialAudit-2021-2022.pdf
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)

2,17,800.00

File Description	Documents
Annual statements of accounts	View File
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

Utilization of Fund:

1. A finance dept monitors the optimum utilization of funds for various recurring and non-recurring expenses.
2. The purchase dept seeks quotations from vendors for the purchase of equipment, computers, books, etc.
3. The quotations are scrutinized by the finance and purchase dept before a final decision is made based on parameters like pricing, quality, terms of service, etc.
4. The Principal, finance and purchase dept. along with the accounts department ensure that the expenditure lies within the allotted budget.

Resource Mobilization Policy and Procedure:

1. Before the financial year begins, the Principal and Heads of Departments prepare the college budget.
2. The institutional budget includes recurring expenses such as

salary, electricity and internet charges, stationary & other maintenance costs.

3. It includes planned expenses such as lab equipment purchases, furniture, students and stakeholder's related expenses and other development expenses.
4. The budget is scrutinized and approved by the top management.
5. The Accounts Department and Purchase Department monitors the budget.
6. Statutory auditors are also appointed who certify the financial statements in every financial year.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_6/6.4.3-Institutional-Budget-2021-2022.pdf
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 institutional quality assurance strategies and process are as follows:

- Encourage the faculty members to develop the technical and professional skills by attending different workshops, FDPs, STTPs etc. Along with this institute also organizes FDPs, Workshops etc for the development of the faculties.
- Encourage the faculties to go for the higher education like Ph. D. into their respective branch. This initiative has increased the number of faculties appearing for Ph.D.
- To facilitate and promote the Research, institute has received the Research Centre of Ph.D. into the Mechanical Engineering branch under Dr. Babasaheb Ambedkar Technological University, Lonere.
- Institute follows innovative teaching methods with reasonable use of information and communication technology tools (ICT). Faculties uses the different ICT tools like Google Classroom, Lectures on Youtube, lectures on Moodle software, Online lectures on Zoom, Google Meet etc.
- To encourage the usage of ICT, college has developed Digital Class Rooms in every department. These digital classrooms

are equipped with LCD projectors, sound system, audio recording, video recording of the lectures, digital writing pads.

Apart from the teaching, college also encourages the look after over all development of the students by organizing co-curricular and extra-curricular activities.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/agar/2021-22/Criteria_6/6.5.1-Additional_Information.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

The Principal, Heads and Academic Coordinators of the departments take continuous review of the teaching learning process in the Institute. Before commencement of the term, an academic calendar is prepared. Faculty prepares lecture planning for the entire semester and all the coordinators ensure that the activities are conducted as per schedule. Heads and academic coordinators monitor class wise, faculty wise and subject wise conduct of lectures and practicals.

Following are the steps taken by the Institute to review the teaching learning process are as follows.

- 1.The IQAC activities are carried out under ISO certification.
- 2.Preparation of Academic and Activity Calendar.
- 3.Time table preparation as per workload assigned to faculty.
- 4.Preparation and implementation of teaching plan (Theory and practicals).
- 5.Weekly review of syllabus covered in course coordinators and department and ISO Weekly review meetings.
- 6.Assessment and review of academic performance of students.

7. Mid-term submission is conducted to review practical performance and continuous assessment of term work.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria 6/6.5.2-Additional Information.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://sycet.org/iqac-shreeyash-college-of-engineering-and-technology.php
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

Safety and security: Gender Equity is the way to treat for both girls and boys equally without making any differences between them in any field. Being an education institute, we are committed to give safe & secure campus for our students. The institute has a women grievance cell (Vishakha Sameeti) to sort out workplace related grievances such as Gender Bias, Ragging, Sexual

Harassment.

The awareness sessions on respecting womanhood, work-life balance, and safety at workplace are taken from time to time. Though all kind of safety and security is provided in the college, to increase the self-confidence, institute has initiated a "self-defense training program". College campus is covered with CCTV surveillance cameras.

Common Room: Common room is the space provided to students to unwind, relax and to hold meeting to plan their events, cultural activities etc.

Any other relevant information: Every year women's day is celebrated and motivational talks by eminent lady speakers are arranged. Advice by dietician, guest lectures on Health awareness is arranged for girls and lady staff. Separate hostel for girls with all required facilities of separate study room, mess are provided in the institute campus itself.

File Description	Documents
Annual gender sensitization action plan	https://sycet.org/naac/aqar/2021-22/Criteria_7/Annual_gender_sensitization_action_plan.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://sycet.org/naac/aqar/2021-22/Criteria_7/7.1.1.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

A. 4 or All 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:** Pollution from waste is aesthetically unpleasing and results in large amounts of litter in our communities which can cause health hazards. In college campus different location dustbins have been placed at different departments.
- **Liquid waste management:** Water waste is set to the STP. The water is purified and then recycled to a pure state and then sent through pipelines and containers and then utilized for the green forestation of trees and plants around the vicinity. We collect all liquid from college campus as well as Boy's and Girl's Hostel and recycle it by STP and then we use it for watering the trees.
- **E-waste management:** E-wastes are generated from computer laboratories, electronic lab and Administrative Offices. Instead of new procurement Buy-Back option is preferred for technology up gradation.
- **Waste recycling** involves the collection of waste materials and segregation of the waste material. The college has set up a recycling programme to meet the need of recycling the waste.
- **Hazardous chemicals and radioactive waste management:** As the amount of hazardous waste is very negligible amount, there is no need facility developed to transport and manage it in proper place.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
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

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

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	View File

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

A. Any 4 or all of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms.

Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of 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	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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).

Institute believes in cultural diversity and cultural tolerance as a key to social harmony. Cultural diversity focuses on aspects like:

Tolerance and harmony towards cultural and communal diversities:

Shreeyash College of engineering & Technology is always at the forefront of inviting diversity, eradicate stereotypes, enhance self-esteem, encourage students to have a voice and demand educational achievement.

Independence Day, Republic day are celebrated every year with grand auspicious function and faculty, staff, students attend it. To ensure religious harmony among students, major religious festivals are celebrated in the premises. Showing religious harmony, various activities like elocution competition, birth anniversaries of social reformers are organized.

Tolerance and harmony towards socioeconomic diversities:

The institute provides poor and merit scholarships as financial support and conducts aptitude and general knowledge classes for the interested students to help them for their competitive exams.

The institute implements the Government schemes like Tuition Fee Waiver Scheme (TFWS), EBC and SEBC scholarship, Panjabrao Deshmukh Scheme for accommodation.

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	View File

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

Activities for constitutional obligations: values

- Morning schedule starts National anthem; centrally which motivates students with positive vibes and encourages for academic discipline in the campus.
- Shreeyash College of engineering sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties and responsibilities of citizens which enables them to conduct as a responsible citizen.
- The institute hoists the flag during national festivals and invites eminent persons to inspire students and staff by

informing the qualities of freedom fighters and to emphasize the duties and responsibilities of citizens.

- The personality development of the citizen in the aspects intellectual, mental, physical and spiritual is a rich heritage of our composite culture and is a panacea for all social ills. As an initiative of this, the institute conducts yoga, dance.

Activities for Duties and responsibilities of citizens:

- Every faculty, students and staff follows the dignity of national anthem and national song.
- On Teachers' day, Engineers Day, reputed persons from Social worker department and legal cell authorities are invited to speak about the duties and responsibilities of citizens and consequences of ragging.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://sycet.org/naac/aqar/2021-22/Criteria_7/7.1.9.pdf
Any other relevant information	https://sycet.org/naac/aqar/2021-22/Criteria_7/7.1.9.pdf

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

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	View File

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

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

The institute aims to inculcate values and nationalism in the students by celebrating the national festivals and birth anniversaries of great Indian personalities in the college campus every year. The celebrations include flag-hoisting, Poster Presentations, Essay Writing, and Elocution. Eminent personalities are invited to motivate staff and students by their inspirational speeches on those days.

Gandhi Jaynti:

Gandhi Jaynti is celebrated in memory of the Father of the Nation, who devoted his whole life preaching Truth and following Ahimsa. The NSS unit organized mass pledge in accordance with the Prime Ministers' urge for 'Swachh Bharat Abhiyaan'.

Teachers Day:

The Institution celebrates Teacher's Day commemorating the birthday of Dr. Sarvepalli RadhaKrishnan, a great teacher. On that day the Institution felicitates eminent personalities from the educational field.

Engineer's day:

The organization celebrates Engineer's Day on 15th September to mark the birth anniversary of Sir Mokshagundam Visvesvaraya by project exhibitions. Different project models are developed and exhibited by the students..

Women's Day:

Womens Grievance Cell organizes Womens Day on 8th March for the girl students and lady staff members in the college and conducts various events and competitions.

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	View File

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 Practices 1: Launch of Institution's Innovation Council

Objectives

Identify and reward innovations and share success stories.

The Context

The SYCET is a centre of excellence for training, imparting knowledge, and producing quality engineer's professional program.

The Practice

The IIC team has faculty members and student members performing their roles in accomplishing IIC activities.

Evidence of Success

SYCET has well-qualified and experienced faculty members and talented students who are working towards promoting the innovation ecosystem.

Problems Encountered and Resources Required:

There are no problems confronted by institute however since it is

a self-financed institution.

Best Practices 2: Teacher Guardian Scheme

Objectives:

Guiding students to choose right career path for job, higher studies, Entrepreneurship, etc.

The Context

The pressure to perform in current competitive world and to face the challenges of the society.

The Practice

The Practices that may be unique in the higher education and constraints or limitations faced during their implementation are described here.

Evidence of Success

Evidence of success in performance against targets and benchmarks and Review of results given below

Problems Encountered and Resources Required

The newly joined faculty members from other colleges who are not accustomed with the culture and instinct of the mentorship scheme.

File Description	Documents
Best practices in the Institutional website	https://sycet.org/naac/aqar/2021-22/Criteria_7/7.2/7.2main.pdf
Any other relevant information	https://sycet.org/naac/aqar/2021-22/Criteria_7/7.2/7.2.0final.pdf

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

Industries from different fields for the better placement of students.

In the present era, campus placement holds a great importance for students and educational institutes. While, it helps a student in building a strong foundation for the professional career ahead without facing the real-world job struggle, peer-competition or family pressure, a good placement record gives a competitive edge to an institute/ university in the education market.

Placements have gradually become an integral part of an institute's offerings, which was not the scenario earlier. Nowadays, students pay special attention to placement records while selecting a college or university for the admission.

NCC

The NCC provides exposure to the cadets in a wide range of activities with a distinct emphasis on Social Services,

Benefits of Certified Cadets :-

Cadets will give the various government Job Opportunities in various forces like Army Force, Air Force Navy Force , Paramilitary forces & also recently Maharashtra Government announced 5% Grace marks in police department for NCC Cadets.

College Organized Social Activities like Blood Donation Camp, Vaccination Camp, Tree Plantation, Visit to Anathashram

Visit to Anathasram

Vaccination camp

Tree Plantation:

Blood Donation Camp:

Ganori Village

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

1. The institution follows the curriculum prescribed by the affiliating university for UG Courses and PG Courses.

2. The institution develops action plans for effective implementation of the curriculum prescribed by DBATU & BAMU. The academic audit committee is set up at institute level to facilitate curriculum planning, implementation, assessment and monitoring.

4. In the beginning of the academic year, the Principal prepares an academic calendar with the consultation of heads of various departments.

5. The time table for the class is prepared and approved by HOD and Principal for regular conduction of class by Subject Teachers.

6. Daily Progress of each department is monitor with ERP (Enterprise resource planning) software

7. The activities like theory, practical classes, class test, practical examination, seminar, project reviews are conducted.

8. Course files and Lesson plans are maintained by each faculty with the help of blue muster for their respective subjects and they are reviewed on a continuous basis by the HOD & Principal.

9. On regular basis the Principal & HOD's meetings and HOD & Faculty's meetings are conducted regarding monthly and weekly departmental activities. By discussion points new methodologies implemented in every department.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

1.In the beginning of the academic year, the Principal prepares an academic calendar with the consultation of heads of various departments.

2.The time table for the class is prepared and approved by HOD and Principal for regular conduction of class by respective Subject Teachers.

3.Course files and Lesson plans are maintained by each faculty with the help of blue muster for their respective subjects.

4.For Continuous Internal Evaluation, Syllabus Completion weekly and monthly report is generated.

5.ISO audit has conducted.

6.Daily Progress of each department is monitored with ERP (Enterprise resource planning) software as well as hard copy in the form of Daily Progress Report by the Principal & HOD's.

7.The activities like theory, practical classes, class test, practical examination, seminar, Project assessment as planned in the academic calendar are monitored by HOD & Principal. Class Test-I/II and Mid-Semester Exam (MSE) are conducted.

8. A unique characteristic of the institute is TEACHER-GUARDIAN scheme. Guardians being informed and consulted for improvement in attendance and performance of their ward. Various Activities are conducted by TG.

9. Student, Teacher, Alumni and Employer feedback are taken by the institute.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

A. All 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

11

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)

3

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
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

101

File Description	Documents
Any additional information	No File Uploaded
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

1.Institute inculcate Professional Ethics along with Professional skills through the conduction of different workshops , seminar, and Department Activities .

2. Institute imbibe Gender, Human values in curriculum through the conduction of different workshops, seminar, and Department Activities like Yoga sessions, Tree Plantation Drives. Different Sports and cultural activities are organized to teach them better team work spirit.

3.Field Training/Internship are part of Semester Curriculum in every Year, to inculcate relevant Professional Ethics, Human Values.

4.We follow code of conduct for the students to teach and Practice them Professional ethics .

5.Ragging is banned on the institute campus.

6.Students shall compulsorily wear the prescribed institute uniform on all working days except Thursday.

7.Smoking and consumption of alcohol in Premises is strictly prohibited.

8.No teacher shall be absent from duty without prior permission. Even during leave or vacation with the prior permission of the competent authority.The teacher should inform HOD & the Principal in writing.

9.A teacher shall, at all times, be well-mannered in his/her dealings with the management, with other members of staff, students and with members of the public.

File Description	Documents
Any additional information	View File
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

47

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
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

462

File Description	Documents
Any additional information	View File
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://sycet.org/naac/agar/2021-22/Criteria_1/1.4.1/1.4.1.php
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	View File
URL for feedback report	https://sycet.org/naac/agar/2021-22/Criteria_1/1.4.2/1.4.2-ACTION-TAKEN.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

302

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

127

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

The students admitted in our college are coming from various economic sections and communities of the society. After admission, the induction program is conducted for first-year students, and their learning ability is evaluated based on their percentage of Higher Secondary Certificate Examination. The induction program educates the students on importance of communication skill, historical aspects, learning with fun, yoga in day-to-day life, team work, etc. After the assessment of the student's learning ability, slow learners are motivated to do better and advanced learners are encouraged to excel in their particular course. The course coordinator based on the need of the respective course decides method of identification and activities for slow & advanced learners for his/her courses. Advanced learners are encouraged to refer reference books, textbooks, online journals. Advanced learners are also encouraged to apply for different technical and state/central government competitive examinations like GATE, MPSC/UPSC, IES

etc. All students are motivated to participate in webinars, online quiz competitions and also to participate in NCC. College arranged soft skill sessions, expert lectures and webinars on current emerging technologies for all students.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/agar/2021-22/Criteria_2/2.2.1/2.2.1.php
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
1851	102

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

The institution has shifted from the traditional teacher-centric approach to a student centric approach. The teachers act as a catalyst and students play dynamic role in the learning process. The institute utilizes a blended education approach which provides individualized, student-centered learning atmosphere with increased access to contents. Participative learning through regular classes supported with seminars. Separate lectures are conducted for soft skills. Videos and animations of technical concepts are shown to make lectures more interactive. For overall development of students, the institute also conducts cultural and technical activities. Experiential learning is supported by industrial and in-house projects.

Experiential Learning: Experiential learning among students is promoted through

? Laboratory Experiments

? Industrial visits

? Inplant Training

Expert lectures Participative Learning: Participative learning among students is promoted through

? Regular classes

? NCC & NSS participation

? Technical event organized and participation at our institute

? Technical event participation at other institutes

Problem Solving methodology: The problem solving approach helps the student to understand the root cause of the problem and come out with best possible solution. Problem solving approach is promoted through

? GIZ Projects

? SAE-TIFAN Project

? Smart India Hackathon Projec

File Description	Documents
Upload any additional information	View File
Link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_2/2.3.1/2.3.1.php

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

Teachers of our institute take the advantage of ICT enabled tools for the benefits of students. Staff of each department uses PPT presentations, animated videos, e-Books, LCD projector and many of them created their own You Tube channels for particular subject. Video recordings of the subject lectures were shared with the students. A dedicated Google group named SYCETA has been created by Training and Placement cell for circulation of placement related notices to the all students. Student feedbacks, Class test and Mid-Sem Examination is

conducted through ERP software and results were displayed within the stipulated time.

We have smart classrooms which are enabled with ICT facility. Online subscription of Delnet, J-Gate is available for preparation of seminar, project work and research paper publications of students. E-resources like National Digital Library, Dr. BAMU Remote Access is available in our e-Library. Our computer laboratories are well equipped with the latest high-end software like Solid-Edge, CATIA, UG, AUTO CAD, MATLAB used by both UG and PG students.

E-Library is equipped with high speed internet where student can access the online data required for academic activities. Our college has established the language laboratory for enhancing our student's communication skills.

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

102

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

102

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

07

File Description	Documents
Any additional information	View File
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

395

File Description	Documents
Any additional information	View File
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.

Institute follows affiliating university guidelines for the internal assessment. Internal examinations, namely Class Test I and Class Test II and Mid Semester Examination in each semester are planned in academic calendar and executed. After assessment, answer sheets are shown to students and answers are discussed with students. Examination results are displayed on notice boards and the marks of continuous assessment I and II are uploaded on University portal based on the performance of class test I and II.

Term work marks are given based on attendance, journal writing, assignments and timely completion of submission. As a part of the internal assessment of projects, field training, inplant, internships and seminar a review committee is formed which comprises of all the guides and Head of the department. The review committee of the department takes the review of the students and then accordingly suggestion/correction/modification, are given to the students. The performances of the students in review are recorded and the same are used to calculate the marks of the students in term work.

The respective coordinators are appointed to look after the smooth conduction of the activities. Overall performance, attendance, feedback about the student is communicated to students and parents.

File Description	Documents
Any additional information	View File
Link for additional information	https://sycet.org/naac/agar/2021-22/Criteria_2/2.5.1/2.5.1.php

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

Institute follow the schedule given by the affiliating DBATU University to solve examination related grievances. During the examination, if any student finds uncertainty in question paper supervisor take the cognizance and convey the same to the University through Principal.

The Theory Examinations (60 Marks) are conducted and evaluation

is done by the university CAS centres. After the result of examinations, Students can apply for a photocopy of the answer sheet and revaluation of answer books of university end semester examination as per the procedures of the DBATU University. After receiving photocopies, if student is not satisfied about its assessment, he/she may apply either for rechecking or revaluation. The application is forwarded to the University for Necessary Action. In case of revaluation, university reappoints examiner and the answer sheet are re-evaluated. The result is communicated to Institute and to the student.

The institute facilitates the redressal of grievances related to University examinations through notices displayed on notice boards on regular basis. Students who have the grievance related with mark sheet, change in name in mark sheet, student enrollment shall make an application to the Principal. College sends the letter to the university through Principal to resolve the issue.

File Description	Documents
Any additional information	View File
Link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_2/2.5.2/2.5.2.php

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 Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are drafted in-line with the vision and mission of the college. POs, PSOs and COs are satisfying the guidelines of Outcome Based Education and Bloom's Taxonomy.

Each program has clearly stated Program Outcomes (POs), Program Specific Outcomes (PSOs) for the program which are achieved through Course Outcomes (COs) and Co-Curricular Activity. Students and staff are aware with Vision and Mission of the college. POs of the program are in line with Graduate Attributes and COs for each course are finalized by individual Course Coordinator.

The assessment of course outcomes is done by using direct and indirect measurement tools.

POs and PSOs are displayed/conveyed through:

A) Institute website.

B) Display Boards at Department and other common places.

The Course outcomes for the specific course are communicated and explained by faculty to students at the commencement of the course. It is also uploaded on the College website for information to the viewer.

POs and PSOs and COs are a mandatory part of the course file prepared by the course coordinator.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sycet.org/naac/agar/2021-22/Criteria_2/2.6.1/2.6.1.php
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.

Course Outcomes for each course are defined by individual Course Coordinators by referring university syllabus. Each Course Outcome is mapped with the Program Outcomes and Program Specific Outcomes to assess the student's progress continuously.

Every teacher does the mapping of COs with units in syllabus in such a way that one Course Outcome corresponds with one unit for theory subjects and one course Outcome corresponds with two or three experiments for practical subjects. Correlation of COs with PSOs, PEOs and POs is in terms of 3, 2 and 1.

Every teacher judiciously decides the target of attainment. The different evaluation measuring tools/methods such as Mid-Sem Examination, Internal Assessment (Class Test) and End Semester

Examination sheet are used as an indicator for attainment of COs. Then attainment level for COs, POs and PSOs is calculated.

Data collected using direct assessment tools like Class Test and Mid-Sem exam are analyzed by faculty member for attainment of POs and PSOs through attainment score of COs.

The attribute related to POs are assessed through participation of the student in societal activities as well as ethical practices. PSOs are attained by indirect assessment tools like student feedback, alumni feedback and alumni meet.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sycet.org/naac/agar/2021-22/Criteria_2/2.6.2/2.6.2.php

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

362

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://sycet.org/naac/agar/2021-22/Criteria_2/2.6.3/2.6.3-Annual-Report.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://sycet.org/naac/agar/2021-22/Criteria_2/2.7.1/2.7.1-SSS-21-22.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)

03

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
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

02

File Description	Documents
Any additional information	View File
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

02

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	View File
Paste link to funding agency website	https://rgstc.maharashtra.gov.in/

3.2 - Innovation Ecosystem

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

Response:

Institute provides necessary facilities and guidance to the students and faculties. They are encouraged to involve in the application of technology for societal needs.

The institution has received approval of Research Centre at Mechanical Engineering Department from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Various add on courses like TATA Ready Engineer, C language etc. organized by institute for student's knowledge up gradation and skill improvement.

Students are encouraged to gain hands on experience, Publication of Research Papers in reputed journals, FDP/STTP and presentation in national and international conferences .

Students provided common facilities to incubate viz. office support, equipment support via various laboratories and technology support.

Awareness meets, workshops, seminars and guest lectures on Innovations, Recent Trends, Start-ups and Entrepreneurship are organized.

Students are encouraged to work on live projects under GIZ-MASSIA, SMART India Hackathon and various industry sponsored projects.

The institute also took the initiative of organizing awareness program on Entrepreneurship, Start-up Ideas, and Skill Development, Innovation and Research Methodology, Social Problems, environmental issues, awareness programme for girls.

The institute has also signed MOU with various manufacturing industries, IT fields and organizations such as Indo German Tools Room, Atal Incubation Center, etc. to provide student Internship, Implant Training,

File Description	Documents
Upload any additional information	No File Uploaded
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

27

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

00

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

14

File Description	Documents
Any additional information	No File Uploaded
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

07

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

Response :

The institution has established NSS unit since 2008 which organizes various extension activities such as blood donation, tree plantation, environment awareness Camp, food donation, and cleanliness drives every year at different villages to address the societal issues and sensitizes our students towards them.

Women's fitness & Diet under the scheme Women's Grievance Cell was organized by SYCET on the occasion of women's day. Also women's day is celebrated every year.

Yoga and Meditation session were conducted during induction programme also International Yoga Day always celebrated in college every year to promote health awareness to all beneficiaries.

Blood Donation Camp was organized by SYCET every year in which students and faculties donate blood to contribute in this great work of life saving. To provide blood for the needy, our students donated blood. The students of our college actively participate in social service activities leading to their overall development.

Rapid vaccination is the only way to fight against COVID-19. Vaccination camp was organized by SYCET for the age group 15 to 18 and above. First, Second and booster dose during Covid-19 pandemic are made available in the college campus.

File Description	Documents
Paste link for additional information	Nil
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

10

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	View File

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

17

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

1287

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

308

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

14

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.

The Institution is sited on 10 acres of lush green campus with built-up area of 18734.36 sq m.

The following state-of-the-art infrastructure exists to create conducive environment for teaching-learning activities:

- 29 classrooms, 7 tutorial rooms, 44 laboratories, 2 seminar halls, 1 drawing hall, central- library, workshop and computer centre for undergraduate and postgraduate programs and all are as per the AICTE norms and the Dr. Babasaheb Ambedkar Technological University, Lonere.
- Few classrooms are enabled with ICT facilities.
- Seminar halls are equipped with audio visual equipment to conduct seminars/workshops.
- Separate hostels for boys and girls students, canteen, transportation facility, amphitheatre and playgrounds do exist on the campus.
- The Institution has a Central Library with adequate facilities of reading room, lending section and digital library consisting of Online Lectures/Videos/e-Journals, etc.
- There are more than 21000 Volumes of books with wide range of titles and authors, several journals of national and international repute available in the Central Library.
- Institute has 467 computers for the use of students and 93 computers for staff with internet connectivity of 455 Mbps leased line.
- The central workshop is equipped with different facilities for conducting practical in Carpentry and Pattern making, Fitting, Welding, Foundry, Sheet Metal, Black smithy and Machine Shop.
- To cater to the needs of learning recent technologies, institute has established centres of excellence like e-yantra robotics lab with cooperation of IIT Bombay, SYCET industry cell, virtual lab, Centre for European studies.
- To ensure 24 x 7 un-interrupted power supplies, one generator of 64KVA capacity is there on the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	<a href="https://sycet.org/naac/aqar/2021-22/Criteria_4/4.1.1-ADDITIONAL-
INFORMATION-2for_AQAR2021-22.pdf">https://sycet.org/naac/aqar/2021-22/Criteria_4/4.1.1-ADDITIONAL- INFORMATION-2for_AQAR2021-22.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor,

outdoor), gymnasium, yoga centre etc.

- The College has a playground for outdoor sports facilities like Volleyball, Cricket, Football and Kabaddi etc. and also for indoor games such as Table Tennis, Carom, Chess and Badminton etc.
- Expert sportspersons from among the students give training to the students participating in various Zonal and Inter-University level tournaments. Occasionally outside coach is hired.
- Every year college organizes an event "Rising Rhythm" to conduct various indoor and outdoor sports competitions, cultural activities wherein various cultural activities like dancing competition, music competitions, drama competitions, fashion show, flash mob etc.
- To organize various cultural events at college level an Amphitheater of area 875 sq m with stage is provided.
- The college has a Yoga Centre facility for students and staff.
- The college has different clubs and forums which conduct various co-curricular and extracurricular activities.
- Separate gym facility is provided for boys in their hostel.
- The Institution recognizes and provides certificates/trophies/mementos, etc. to deserving sportspersons to motivate them to achieve excellence.
- Various National and International days like World Environment Day, World Yoga Day, Engineers' Day and other National Festival celebrations Day provide a forum to showcase the talent of the students.
- To facilitate all cultural/extra-curricular activities of the institute, seminar halls and amphitheater are made available.
- The students are also encouraged to participate in different competitions held in various institutions at local/zonal/state levels.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_4/4.1.2ADDITIONAL_INFORMATION_AQAR2021-22.pdf

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

13

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_4/4.1.3AdditionalInformation.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)

50.32626

File Description	Documents
Upload any additional information	View File
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)

The library is automated using Integrated Library Management System. The following chart justifies the type of software and nature of automation.

Sr. No.

Year of Automation

Name of the software

Nature of Automation

Version

1

2015

DELPLUS

Partially

2.0

The main objective of the Library is to disseminate useful information to the students and encourage lifelong learning through its reading materials and resources. The Library is located centrally in the institute. The library has more than 21000 Volumes. The Library subscribes full text e resources providing access to e-journal and e-books etc. Accesses to the e-resources are based on the authenticated IP address (http://114.143.155.206). The Library organizes regular user orientation programmes for the library users regarding the use of Library sources and services. In the beginning of every academic year, an orientation program about how to avail library facility is conducted for the newly admitted students of the institute. Resources like digital scanner, printer, photocopiers and CCTV camera system for security etc. are available. Digital Library is equipped with 10 desktop for fast and seamless access, the internet and e-resources for the benefit of their academics & research. During the preparatory period for semester examination, library is kept open for 24 hours.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://sycet.org/naac/aqar/2021-22/Criteria_4/4.2.1Intro_of_Delplus_AQAR_2021-22.pdf

4.2.2 - The institution has subscription for

A. Any 4 or more of the above

the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	View File
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)

2.99258

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
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

46

File Description	Documents
Any additional information	View File
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

For catering to the ever-changing needs of IT facilities by various departments, Computer Science Engineering Department of SYCET constantly updates the IT facilities including Wi-Fi.

- The Central Computing Facility as well as various computer laboratories in different departments are well equipped with branded machines and latest configuration.
- The need from a particular department of modifying/upgrading/changing the specifications. This is regularly done by upgrading either RAM, ROM, buying next generation machines having latest configuration like processors, monitor size, latest antivirus protection etc.
- Internet leased line upgraded in 2021-2022 by 300 Mbps along with 155 Mbps.
- Class rooms are provided with LCD Projectors which have seen their upgradation from Epson-S5 to Epson EB-01.
- To cope up with unprecedented situation, the institute readily prepared itself by creating Central Recording Facility for lecture recording as well as upgraded the teaching online process by purchasing web camera; digital writing pads which can have easy interface to desktop/laptop/mobile phone thereby getting connected with internet and then enabling the teacher to use online assistance.
- Open-Source Resources: To reduce the dependence on propriety software and tools, we strongly promote open-source software, tools and applications for supporting computers assisted learning, teaching, design. Currently institute supports various version of Linux, Ubuntu operating system. Some of the open source software tools used are JDK, Star UML, Eclipse, GCC & G++, SSH, My-sql server and client, Scilab LEX, YACC, NETBEANS, ECLIPSE, NOKIA TOOLKIT Turbo C++ etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sycet.org/naac/agar/2021-22/Criteria_4/4.3.1-Additional-Information-22.pdf

4.3.2 - Number of Computers

467

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	View File

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)

365.2388

File Description	Documents
Upload any additional information	View File
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

- Lab-in-charge is assigned to take care of routine maintenance of machines/equipment, infrastructure and furniture in a laboratory.

- Laboratories are utilized for various purposes like conduct of experiments, practical classes, research, testing.

Library:

- The Library works on open Access basis. The stack of books, journals, previous journals, PG level dissertation theses are maintained separately.
- Frequent application of anti-termite chemical, insecticides and pesticides is done
- Housekeeping, cleaning of racks, dusting is done regularly.
- Separate reading room for staff and students.
- For borrowing books library cards are prepared

Sports Complex:

- The sports equipment, ground is supervised and maintained by sports in-charge.
- Sports ground for the students of the college for practice.

Computers and ICT facility:

- Every department has computer laboratory in which students can utilize the computing and internet facility.
- IT facility is maintained by System Administrator and Technical Assistants are working in CSE Department.

Classroom:

- Allotment is done as per the lecture schedule
- For any additional requirement/maintenance in furniture (dual desks), HOD forwards an application to the Principal for approval.

Procedure for Civil Infrastructure Maintenance:

Buildings & Roads

- Periodically all the buildings are inspected and repairs are carried out as per the maintenance budget.

Housekeeping and Gardening

- Supervisor is appointed in the institute for cleanliness and it is maintained with the help of separately recruited housekeeping staff.
- Lawn and nursery is maintained by using water from Sewage Treatment Plant.

Electrical Maintenance

- The working conditions of the electrical equipment/fixtures are periodically checked, if need be, are replaced or repaired.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sycet.org/naac/agar/2021-22/Criteria_4/4.4.2ProcedureandPolicies.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1603

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

28

File Description	Documents
Upload any additional information	View File
Number of students benefitted 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://sycet.org/naac/agar/2021-22/Criteria_5/5.1.3/5.1.3.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

677

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

677

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	No File Uploaded
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

60

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

10

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

1

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	No File Uploaded
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 theme of promoting and participation of students' representation and engagement in various administrative, co-curricular and extracurricular activities is to involve the most focused stakeholder in policy making processes for making continuous and comprehensive development of students in teaching learning processes. There are activities conducted which can shape their multi-dimensional personality and groom them as better human beings. Being a part of administrative body they acquire abilities, skills thought processes, problem solving ability which prepare them to face the social economical and environmental requirements. Various committees have been constituted at institute/ department level and most of them are given below.

1. Student council has been selected in each academic year the eligible competent and having similar background under section 40(3) of MU Act 1994. This council is established and it performs its duties. It consists of head of institutes faculties nominated by principal, 3 class toppers; NSS program officer, sports student coordinator, cultural program student coordinator, Principal nominated 2 female representatives. All

the funds are arranged by institute except NSS. 2. Student grievance and Repressive Committee: Student grievance and Repressive Committee is form to address student grievance and maintain harmony and discipline among students.3. Anti-Ragging: 4. Cultural activities etc.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria 5/5.3.2.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

20

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

Yes, the institute is having registered Alumni association, the registration number being 597/16. The institution also has an alumni link on college website portal. Main objective of the Association is to bridge the gap between the college and alumni. They have been responsible for keeping complete track of alumni with their required details; inform them about the current changes and achievements of the institute. Alumni association meetings take place yearly and future plans are

discussed in the meetings. Along with the association meeting annual alumni meet is also organized at the institute level every year. Alumni on our campus for the benefit of the juniors, namely for conducting viva, STP activity, conducting mock personal interviews, discuss business and entrepreneurship opportunities. All these activities are carried out during weekends. Alumni extend their support for campus placement.

The following are the activities and major contributions of alumni

- 1) Invited as resource person on the area of their expertise.
- 2) Placement activity through their credibility and recommendation
- 3) Conduct career guidance program
- 4) Work as examiners for practical examination and project evaluation
- 5) Participation in curriculum development
- 6) Render industrial visit and training in their respective companies
- 7) Contribute as a judge for institute competitions.

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

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 be recognized internationally for Excellence in Education & Research to benefit the society.

Mission:

To Create a Technology Savvy campus to impart value-based education.

To develop an environment to faster technology incubation and relevant research and development.

To Improve the Satisfaction level of all stakeholders.

Quality Policy:

1. We committed to follow par excellence teaching practices to meet global demand of competent and trained human resources in Engineering, Management and Pharmacy sector by remaining accountable through self evaluation
2. To operate with continual improvement within the statutory and regulatory framework.
3. To review its policies and objectives regularly for ensuring its effectiveness.

Nature of Governance:

The top management including (Board of Governance, Chief Executive officer), Principal and faculties focus on institutional goals as follows:

- 1.Top management directs Principal focusing on vision and mission of the institution
- 2.The Principal consistently follows top management policies to achieve the vision with the support of staff.
- 3.Principal, IQAC Head, Registrar and Head of Departments come together to form different committees to provide "decentralized administration" to achieve the institution's objectives.
- 4.The institution is committed to follow the quality framework defined by ISO 9001:2015 with the support of IQAC.

File Description	Documents
Paste link for additional information	https://sycet.org/index.php
Upload any additional information	View File

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

College promotes a culture of participative management. Therefore, the committees are set up to execute the strategies:

- Board of Governance
- Principal's Administration
- HOD Level
- IQAC
- Faculty Level
- Students Council
- Cultural and sport and other activities

Top Level Management:

(Board of Governance, Chief Executive Officer) provide directions and guidelines focusing on the vision and mission of the institution.

Principal's Administration:

This is the key node that provides effective administration by handling academics and all college level administration.

Head of the department (HoD) Level:

The heads of each department have enough freedom to plan for overall development of the department. They can take necessary action for overall controlling and monitoring of the department.

Faculty level:

The departmental committees for various activities are formed in every department. Class teachers have sufficient authority to suggest and implement a variety of technical and non-technical programs, Workshops, seminars of student interest, Alumni Interactions, hands on practices, Industrial Projects,

implant training, industrial training etc. Faculty by their choice can take initiative and organize seminars, workshops.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/agar/2021-22/Criteria_6/6.1.1-Governance-BOG-MOM.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute is committed to equip the students with value added engineering and employability skills in conformation with the current and future needs of the industry, and the society along with values that define professional conduct. The Institute ensures the effectiveness of Quality Management System through continual improvement. Based on the Vision and Mission of the Institute and inputs from various stakeholders, the Quality Policy was drafted. The Institute is ISO 9001:2015 certified. All academic and administrative activities are formalized as ISO processes and associated with documentary evidence in the form of standard formats. A Quality Manual is prepared. Process owners are identified with these processes and Quality objectives (responsibilities) are assigned to them. These processes are audited once in every semester by internal certified auditors. The outcome of the audit is presented in the form of Non-Conformities (NC) and observations. Corrective action is done by NC closure activity. The change requests, if any, in the objectives, processes and forms is processed and approved by a committee consisting of Principal, MR. A biannual Management Review Committee (MRC) meeting is conducted to verify whether the Quality objectives have been achieved and/or suggest changes for achieving the same.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_6/6.2.1-PerspectivePlan.pdf
Upload any additional information	No File Uploaded

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.

The head member of the Institute's trust is Chairman followed by Member of Boards.

The Chief Executive Officer (CEO) is followed by the Principal as Head of the Institute, Director and Local Management Committee.

Under Principal, Registrar followed by Accountant, Office Superintendent.

The Librarian is there directly under the principal followed by the library assistant.

The Training and placement Cell work directly under the supervision of the principal. Each department has Heads as HOD reporting to the principal.

Under HODs Professors, Associate Professors, Assistant Professors and lab in-charges work

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://sycet.org/naac/Criteria_6/6.2.2-ORGANOGRAM.pdf
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance

A. All of the above

**and Accounts Student Admission and
Support Examination**

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
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

The Institute offers welfare measures for its staff members such as the Employee Welfare fund. The Institute contributes its share in the respective provident fund account from time to time as per the guidelines of that account.

In a view of offering security to staff and their families, a provident fund measure is offered to them by the Institute. The Institute has judiciously paid its consecutive share for the welfare of the staff. It has benefitted them in many ways in difficult situations.

Along with it institute also has Employee Group Insurance for all its staff members.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_6/6.3.1.-PF-merged.pdf
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

4

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

2

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

15

File Description	Documents
IQAC report summary	View File
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

Performance appraisal forms are designed for each cadre of teaching staff (Professor, Associate Professor and Assistant Professor) addressing contributions appropriate for the cadre. Every faculty member submits a self appraisal captured the performance in all spheres, academic or otherwise. The college addresses all the issues related to the appraisal system of the staff and regularly evaluates it. Performance appraisal is divided three categories:

1.Teaching learning assessment:This includes teaching and learning process, regularities in conducting the lectures, student's participation. Also, academic and research development of the staff is taken into consideration, FDPs, workshops, seminars, conferences attended by the faculties, research papers published, patents applied, involvement into innovation projects, academic projects etc.

2.Performance and General Attributes:It includes the knowledge upgradation in the specialized area/ subject, interpersonal relationships with team and heads of the department.

3.Result Analysis.Resultanalysis of the respective subjects for the last 3 years is taken into consideration for the appraisal process. Average result of the last 3 years is considered.

Each staff member submits his/her performance appraisal to the respective head of the department. Performance is assessed by the head of the respective department then submitted to the principal and reviewed every year.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/agar/2021-22/Criteria_6/6.3.5-Appraisalform.pdf
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 Institute has established mechanisms for conducting audit in every financial year to ensure financial compliance. Finalization of accounts is completed in March and audited statements are prepared in November duly signed by the Principal, Chairman and chartered accountant.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/agar/2021-22/Criteria_6/6.4.1-FinancialAudit-2021-2022.pdf
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)

2,17,800.00

File Description	Documents
Annual statements of accounts	View File
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

Utilization of Fund:

1. A finance dept monitors the optimum utilization of funds for various recurring and non-recurring expenses.
2. The purchase dept seeks quotations from vendors for the purchase of equipment, computers, books, etc.
3. The quotations are scrutinized by the finance and purchase dept before a final decision is made based on parameters like pricing, quality, terms of service, etc.
4. The Principal, finance and purchase dept. along with the accounts department ensure that the expenditure lies within the allotted budget.

Resource Mobilization Policy and Procedure:

1. Before the financial year begins, the Principal and Heads of Departments prepare the college budget.
2. The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary & other maintenance costs.
3. It includes planned expenses such as lab equipment purchases, furniture, students and stakeholder's related expenses and other development expenses.
4. The budget is scrutinized and approved by the top management.
5. The Accounts Department and Purchase Department monitors the budget.
6. Statutory auditors are also appointed who certify the financial statements in every financial year.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_6/6.4.3-Institutional-Budget-2021-2022.pdf
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 institutional quality assurance strategies and process are as follows:

- Encourage the faculty members to develop the technical and professional skills by attending different workshops, FDPs, STTPs etc. Along with this institute also organizes FDPs, Workshops etc for the development of the faculties.
- Encourage the faculties to go for the higher education like Ph. D. into their respective branch. This initiative has increased the number of faculties appearing for Ph.D.
- To facilitate and promote the Research, institute has received the Research Centre of Ph.D. into the Mechanical Engineering branch under Dr. Babasaheb Ambedkar Technological University, Lonere.
- Institute follows innovative teaching methods with reasonable use of information and communication technology tools (ICT). Faculties uses the different ICT tools like Google Classroom, Lectures on Youtube, lectures on Moodle software, Online lectures on Zoom, Google Meet etc.
- To encourage the usage of ICT, college has developed Digital Class Rooms in every department. These digital classrooms are equipped with LCD projectors, sound system, audio recording, video recording of the lectures, digital writing pads.

Apart from the teaching, college also encourages the look after over all development of the students by organizing co-curricular and extra-curricular activities.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_6/6.5.1-Additional_Information.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

The Principal, Heads and Academic Coordinators of the departments take continuous review of the teaching learning process in the Institute. Before commencement of the term, an academic calendar is prepared. Faculty prepares lecture

planning for the entire semester and all the coordinators ensure that the activities are conducted as per schedule. Heads and academic coordinators monitor class wise, faculty wise and subject wise conduct of lectures and practicals.

Following are the steps taken by the Institute to review the teaching learning process are as follows.

- 1.The IQAC activities are carried out under ISO certification.
- 2.Preparation of Academic and Activity Calendar.
- 3.Time table preparation as per workload assigned to faculty.
- 4.Preparation and implementation of teaching plan (Theory and practicals).
- 5.Weekly review of syllabus covered in course coordinators and department and ISO Weekly review meetings.
- 6.Assessment and review of academic performance of students.
- 7.Mid-term submission is conducted to review practical performance and continuous assessment of term work.

File Description	Documents
Paste link for additional information	https://sycet.org/naac/aqar/2021-22/Criteria_6/6.5.2-Additional_Information.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://sycet.org/igac-shreeyash-college-of-engineering-and-technology.php
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

Safety and security: Gender Equity is the way to treat for both girls and boys equally without making any differences between them in any field. Being an education institute, we are committed to give safe & secure campus for our students. The institute has a women grievance cell (Vishakha Sameeti) to sort out workplace related grievances such as Gender Bias, Ragging, Sexual Harassment.

The awareness sessions on respecting womanhood, work-life balance, and safety at workplace are taken from time to time. Though all kind of safety and security is provided in the college, to increase the self-confidence, institute has initiated a "self-defense training program". College campus is covered with CCTV surveillance cameras.

Common Room: Common room is the space provided to students to unwind, relax and to hold meeting to plan their events, cultural activities etc.

Any other relevant information: Every year women's day is celebrated and motivational talks by eminent lady speakers are arranged. Advice by dietician, guest lectures on Health awareness is arranged for girls and lady staff. Separate hostel for girls with all required facilities of separate study room, mess are provided in the institute campus itself.

File Description	Documents
Annual gender sensitization action plan	https://sycet.org/naac/agar/2021-22/Criteria_7/Annual_gender_sensitization_action_plan.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://sycet.org/naac/agar/2021-22/Criteria_7/7.1.1.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

A. 4 or All 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:** Pollution from waste is aesthetically unpleasing and results in large amounts of litter in our communities which can cause health hazards. In college campus different location dustbins have been placed at different departments.
- **Liquid waste management:** Water waste is set to the STP. The water is purified and then recycled to a pure state and then sent through pipelines and containers and then utilized for the green forestation of trees and plants around the vicinity. We collect all liquid from college campus as well as Boy's and Girl's Hostel and recycle it by STP and then we use it for watering the trees.
- **E-waste management:** E-wastes are generated from computer laboratories, electronic lab and Administrative Offices. Instead of new procurement Buy-Back option is

preferred for technology up gradation.

- Waste recycling involves the collection of waste materials and segregation of the waste material. The college has set up a recycling programme to meet the need of recycling the waste.
- Hazardous chemicals and radioactive waste management: As the amount of hazardous waste is very negligible amount, there is no need facility developed to transport and manage it in proper place.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
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	View File

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	View File

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

A. Any 4 or all of the above

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

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

A. Any 4 or all of 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	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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).

Institute believes in cultural diversity and cultural tolerance as a key to social harmony. Cultural diversity focuses on aspects like:

Tolerance and harmony towards cultural and communal diversities:

Shreeyash College of engineering & Technology is always at the forefront of inviting diversity, eradicate stereotypes, enhance self-esteem, encourage students to have a voice and demand educational achievement.

Independence Day, Republic day are celebrated every year with grand auspicious function and faculty, staff, students attend it. To ensure religious harmony among students, major religious festivals are celebrated in the premises. Showing religious harmony, various activities like elocution competition, birth anniversaries of social reformers are organized.

Tolerance and harmony towards socioeconomic diversities:

The institute provides poor and merit scholarships as financial support and conducts aptitude and general knowledge classes for the interested students to help them for their competitive exams.

The institute implements the Government schemes like Tuition Fee Waiver Scheme (TFWS), EBC and SEBC scholarship, Panjabrao

Deshmukh Scheme for accommodation.

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	View File

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

Activities for constitutional obligations: values

- Morning schedule starts National anthem; centrally which motivates students with positive vibes and encourages for academic discipline in the campus.
- Shreeyash College of engineering sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties and responsibilities of citizens which enables them to conduct as a responsible citizen.
- The institute hoists the flag during national festivals and invites eminent persons to inspire students and staff by informing the qualities of freedom fighters and to emphasize the duties and responsibilities of citizens.
- The personality development of the citizen in the aspects intellectual, mental, physical and spiritual is a rich heritage of our composite culture and is a panacea for all social ills. As an initiative of this, the institute conducts yoga, dance.

Activities for Duties and responsibilities of citizens:

- Every faculty, students and staff follows the dignity of national anthem and national song.
- On Teachers' day, Engineers Day, reputed persons from Social worker department and legal cell authorities are invited to speak about the duties and responsibilities of citizens and consequences of ragging.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://sycet.org/naac/agar/2021-22/Criteria_7/7.1.9.pdf
Any other relevant information	https://sycet.org/naac/agar/2021-22/Criteria_7/7.1.9.pdf

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

A. All of the above

File Description	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	View File

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

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

The institute aims to inculcate values and nationalism in the students by celebrating the national festivals and birth anniversaries of great Indian personalities in the college campus every year. The celebrations include flag-hoisting,

Poster Presentations, Essay Writing, and Elocution. Eminent personalities are invited to motivate staff and students by their inspirational speeches on those days.

Gandhi Jaynti:

Gandhi Jaynti is celebrated in memory of the Father of the Nation, who devoted his whole life preaching Truth and following Ahimsa. The NSS unit organized mass pledge in accordance with the Prime Ministers' urge for 'Swachh Bharat Abhiyaan'.

Teachers Day:

The Institution celebrates Teacher's Day commemorating the birthday of Dr. Sarvepalli RadhaKrishnan, a great teacher. On that day the Institution felicitates eminent personalities from the educational field.

Engineer's day:

The organization celebrates Engineer's Day on 15th September to mark the birth anniversary of Sir Mokshagundam Visvesvaraya by project exhibitions. Different project models are developed and exhibited by the students..

Women's Day:

Womens Grievance Cell organizes Womens Day on 8th March for the girl students and lady staff members in the college and conducts various events and competitions.

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	View File

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 Practices 1: Launch of Institution's Innovation Council

Objectives

Identify and reward innovations and share success stories.

The Context

The SYCET is a centre of excellence for training, imparting knowledge, and producing quality engineer's professional program.

The Practice

The IIC team has faculty members and student members performing their roles in accomplishing IIC activities.

Evidence of Success

SYCET has well-qualified and experienced faculty members and talented students who are working towards promoting the innovation ecosystem.

Problems Encountered and Resources Required:

There are no problems confronted by institute however since it is a self-financed institution.

Best Practices 2: Teacher Guardian Scheme

Objectives:

Guiding students to choose right career path for job, higher studies, Entrepreneurship, etc.

The Context

The pressure to perform in current competitive world and to face the challenges of the society.

The Practice

The Practices that may be unique in the higher education and constraints or limitations faced during their implementation are described here.

Evidence of Success

Evidence of success in performance against targets and benchmarks and Review of results given below

Problems Encountered and Resources Required

The newly joined faculty members from other colleges who are not accustomed with the culture and instinct of the mentorship scheme.

File Description	Documents
Best practices in the Institutional website	https://sycet.org/naac/aqar/2021-22/Criteria_7/7.2/7.2main.pdf
Any other relevant information	https://sycet.org/naac/aqar/2021-22/Criteria_7/7.2/7.2.0final.pdf

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

Industries from different fields for the better placement of students.

In the present era, campus placement holds a great importance for students and educational institutes. While, it helps a student in building a strong foundation for the professional career ahead without facing the real-world job struggle, peer-competition or family pressure, a good placement record gives a competitive edge to an institute/ university in the education market.

Placements have gradually become an integral part of an institute's offerings, which was not the scenario earlier. Nowadays, students pay special attention to placement records while selecting a college or university for the admission.

NCC

The NCC provides exposure to the cadets in a wide range of activities with a distinct emphasis on Social Services,

Benefits of Certified Cadets :-

Cadets will give the various government Job Opportunities in various forces like Army Force, Air Force Navy Force , Paramilitary forces & also recently Maharashtra Government announced 5% Grace marks in police department for NCC Cadets.

College Organized Social Activities like Blood Donation Camp, Vaccination Camp, Tree Plantation, Visit to Anathashram

Visit to Anathasram

Vaccination camp

Tree Plantation:

Blood Donation Camp:

Ganori Village

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

7.3.2 - Plan of action for the next academic year

1] Develop Research Center at SYCET

2] Develop incubationCenter at SYCET

3] Training and Placement cell improvement [value added courses]

4] IT cell [Add on program / course] e.g. Python,c++,java,Robotics,CFD etc Min. 50Hr.

5] Institutions Innovation Council [IIC]

6] Green Audit / Energy Audit

7] National Cadet Corps [NCC unit activity]

8] NSS activity

9] Participation of the students in smart India Hackathon Competition

10] EDP Cell

11] Aptitude and CS cell [Soft skill training to the student]

12] Tata Ready Engineer Programme for the Students in collaboration with Tata Technologies Pune

13] Conduct Job Fair 2023