SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

SHREEYASH PRATISHTHAN'S SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY

GUT.NO.258(P) ,BEED BYPASS ROAD ,NEAR SRPF CAMP.,SATARA PARISAR
AURANGABAD
431010
www.sycet.org

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Shreeyash College of Engineering and Technology Aurangabad situated in the midst of nature, surrounded by the hills, is Marathwada's one of the most promising Educational Campus. It is Spread over a land of 27 Acers and offers Engineering course [B.Tech , M.Tech , polytechnic , MBA and PhD course] Established in 2008 as a dream project of its chairman, Mr. Basawaraj Mangrule, himself an engineer from Government college of Engineering Aurangabad, Shreeyash Technical Campus have undertaken the responsibility of providing quality education to the students of Marathwada. Going beyond its motto of "Transforming Students into Professionals", Shreeyash Technical Campus in a short span of time has played a very significant role in bridging the gap between the demand and supply of the Industrial zone of Aurangabad. The institute provides an in-depth education in engineering principles built on mathematics, computation, and the physical and life sciences, and encourage our students to apply what they learn through projects, internships, and research. The dedicated faculty and the supporting staff are the pillars of strength, combined with vibrant and talented student community with human values certainly make **SYCET** as the Institute of global importance. The modernization will offer excellent central computing facilities to students, who will also have access to improved laboratory and workshop facilities. Our undergraduates are sought both by industry and the nation's most competitive graduate schools.

Vision

"To be recognized internationally for excellence in education and research to benefit the society"

Mission

1] To create a technology savvy campus to impart value based education

2] To develop an environment to foster technology incubation and relevant Research & Developement

3] To improve the satisfaction level of all stake holders

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- ISO 9001:2015 Certified Institute
- Winner of various state and National level awards
- Visionary Leadership
- Young qualified & dedicated faculty.
- Good Industry Interaction
- Good Placement Record
- State of art Infrastructure

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- Good University results
- Good Team work
- Good Brand image amongst the students
- Good Teaching Learning Process
- Collaboration with the Universities and industries
- Teacher Guardian (Mentorship) Scheme
- Marathwada's first NAAC accredited Institute
- Europeans career guidance centre for higher education and internship

Institutional Weakness

- Because of primary education of the students in vernacular language, the students are weak in English communication.
- As a Self- financed institute there is fund constraints.

Institutional Opportunity

- Rural Development work.
- There is a scope for doing the project or research for patent and good publication.
- Research Grants.

Institutional Challenge

- Due to increase in number of engineering colleges we need to attract academically good students.
- To reduce skill gap between students and industry expectation
- Improving the quality of admitting students
- To get funding from different government research organisations for quality research work in the field of Engineering & Technology.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The institute has its well defined and published Mission, Vision and Objectives. The institute since inception focused on quality & excellence in education institute adopted the ISO standards. The curriculum planning and implementation is done through academic calendar prepared based on the university academic calendar and institutional mission and vision. The feed-back and experience of every academic year is reflected in the consecutive academic calendar. The academic muster is provided to all teaching faculty to plan their curricular, co-curricular and extra-curricular activities. It is supported with the course file which consist of curriculum, outcomes, lesson plan, learning material, sample question papers, university question papers, etc. It is strictly maintained and followed by the teaching faculty. Review meeting and academic audit is done periodically to align the programme outcomes and academic activities. The institute in the recent past adopted Outcome-based education (OBE) framework and hence the entire academic planning is based on the attainment of PEOs, POs and COs. The faculty orientation and learning facilities are created at the institute to implement the OBE

framework. The institute is affiliated to university, it follows the curriculum designed by Dr. Babasaheb Ambedkar Technological University Lonere and implement the flexibility within the boundaries of University curriculum. The institute conducted curriculum enrichment activities at micro and macro level that includes industrial visits, inplant training, field training, expert lectures, value-added courses like Redhat, SAP , CAD-CAM, VLSI design, etc. The institute also provide programmes in collaboration with corporate companies on communication skills, personality development and other training programme on development of personal domain. The feed-backs are collected from alumni, industry and students. The institute has developed the online format for collecting the feed-back from alumni whereas the feed-back from student is collected in person. The feed-backs collected are analyzed and the necessary actions are taken at institute/department/course level. The institute also has teacher parent mentoring [TG] mechanism through which the feed-backs also collected and the data is utilized for academic and admin purposes.

Teaching-learning and Evaluation

The institute took up modern teaching pedagogy, learners-centric education, and hands-on learning as a foundation of academics. The admissions to various courses are accomplished by the transparent seat allotment policies, rules, and procedures of the Directorate of Technical Education, Mumbai through the Centralized Allotment Process. The students are admitted to the institute based on the eligibility criteria, reservation policies, and scholarship schemes, formulated by the State Government and Central Government; and the students have to enroll in the DBAT University. The orientation and induction programs have been conducted every year. The institute has introduced a teacher-guardian scheme. The syllabus is used and the academic planning and lesson planning are prepared by faculty members. The most prominent teaching technique is being used and the ICT is concatenated into the teaching process. The lectures and class tests were conducted in online mode during the COVID-19 pandemic. Good numbers of expert talks, seminars are successfully arranged. The institute follows the ISO 9001:2015 system for quality assurance in education. The institute has developed the infrastructure and other facilities as per the AICTE norms. The institute has a sincere and dedicated team of faculty having qualifications as per the AICTE norms. The teachers and staff are encouraged to involve in research activities and to augment their academic qualification and skills. They are also motivated to publish research articles.

Continuous evaluation: The institute also conducts its evaluation based on the additional tests/quizzes, assignments, presentations, minor projects, etc. For the last four years, the institute has adopted the Outcome-Based Education (OBE) approach to achieving stated objectives and outcomes. The university curriculum is transformed into the OBE framework to maintain the spirit of both the university curriculum and OBE philosophy. The teacher-guardians monitor the progress of students in all activities and keep up an active interaction with learners. The result analysis is carried out and remedial measures are adopted. Remedial teaching is included for academically weaker students. Advanced learners are motivated to gain more knowledge and work hard to secure ranks at the University examinations and supported to crack competitive examinations.

Research, Innovations and Extension

The institute mission and vision is focused around developing the knowledge society. Every attempt is made at institute level for promotion of research. To facilitate and promote the research activities, the committee is appointed and review is taken from time-to-time. The institute has created good laboratory and library infrastructure including on-line journals to support the research activities. The faculty members are deputed to

attend the conferences and publish the articles in conferences and journals. The research at post-graduate level is also focused with certain theme. E.g. in the department of Mechanical Engineering, a thermal based on bio-diesel is selected & Research activities are conducted by the students. The teachers are publishing the articles and the institute is taking an every attempt to enhance the degree of participation and activities based on research and development. The institute does offer consultancy services. The department of civil engineering and computer science are generating the resources and revenues through the consultancy activities. The institute conducted its extension activities through NSS. Quite a good number of activities and programmes are organized through NSS. The activities like blood donation camp, tree plantation are conducted by the institute. The institute also holds job fair for enhancement of placements and the response to this activity is increasing every year. Even institute organizes and participate in many conferences and programmes to provide the extension services to the community at large. The organization of programme based on environment & ecology is the routine activity of the institute. The institute has collaborated with TCS, Indo-German Tool room Aurangabad, GIZ, MASSIA, MSME, TATA READ'Y Engineers and almost 100+ industries for academic and placement activities. Institute is planning for more collaborative efforts in days to come.

Infrastructure and Learning Resources

The Institute has established to create top class infrastructure and augment the same from time to time for continuous improvement as per norms of AICTE and University. It is concern of the institute to improve human recourses at all levels like teaching, administration etc. Plan of construction is done considering essential factors of providing all possible natural habitat through ample natural light, ventilation, eco-friendly construction practices. The norms for necessary and sufficient sizes of various rooms, laboratories, as per syllabus and other amenities like seminar halls, canteen, transport, playgrounds, parking, and washrooms. Total civil construction completed as on date is 18734.36 square metre. Both UG & PG programmes offered by the Institute in various disciplines of Engineering and Technology. The institute has invested almost Rs. 29.00 lakhs in the procurement of books and journals. The ICT facilities are made available to every department along with 155 mbps internet facility & 400+ computer nodes. The institute is promoting the use of ICT academics and administration. The institute has procured digital podiums for enhancing the potential of ICT in education. The institute has developed the intranet and the course notes and learning materials are made available for the use of students and faculty. In the academics, the institute used ERP / Moodle that facilitates the e-governance. The campus infrastructure and equipment are maintained and keep updated. The equipment is maintained on AMC basis however the infrastructure (buildings & campus) are maintained on contractual basis. The security system like security staff, CCTV are employed at the campus.

Student Support and Progression

The institute has strong mentoring system. The teacher guardian mechanism is working with 1:15 ratio. The institute conducts regular meetings with the students mentor to provide good support and facilities to the students. The hostel facilities are provided to the boys and girls student. The institute also offer the free ship and GOI scholarship / EBC to all eligible students. Also the institute award its own merit scholarship and support to weaker section by way of fee concessions. The SC/ST/OBC students and economically backward candidates get fee re-imbursement form the state/central government. The institute also have fee-waiver scheme and it is implemented as per the prevailing rules decided by the competent authority. The department and institute conduct wide range of activities through expert lectures, industrial visits and value-added programmes for enrichment of students. Additional classes, assignment and individual coaching is provided to the students based on their needs. In addition, every year job fair is conducted and hundreds of industries are invited on

campus. The student progression is good and at par with the university level progression rate. However, the institute makes every attempt in enhancing the percentage of passing students and % of marks through personalized coaching. The students participate in curricular, co-curricular and extra-curricular activities through sports activities, clubs and cultural activities. The series of expert lectures and industrial visits are arranged by the department. The students also participate in many competitions organized at state & national level. The institute has created the sports facilities to promote healthy life and students do participate in to it. Institute also organizes different training programs according to the need of industry such as SAP, RedHat etc.

Governance, Leadership and Management

The institute has an effective and efficient Governance mechanism which is closely synced with the Institutional Mission, Vision and Quality Objectives practicing a participative and decentralised work mechanism. It includes Chairman, other management members, Principal, industry experts and faculties aiming at creating excellence in education. Many of the academic and administrative procedures are automated as per the Institutional E-Governance policy. The Institute has a well defined strategic plan and it is deployed through an established organization structure including the governance body, various committees, administrative set up and with the help of rules and regulations and efficient grievance redressal system. Apart from that Institutional committees are also in place for the deployment of the strategic plans and for best of the academic and the administrative processes management of the Institute. The management, the Governing body and the Principal supports the teaching and non teaching staff so that the responsibility of providing quality education to the student is fulfilled effectively. The empowerment of the faculties and the staff is done by motivating them to participate in FDPs, workshops, seminars, refresher course, training and the same are conducted at the Institutional level. The financial assistance, administrative support and the welfare measures are offered to both the teaching and non teaching staff to attend the same and for overall career development. The Institute has a well designed performance based appraisal system for teaching and the non teaching staff for the accomplishment of the Institutional strategic plans. It also keeps their morale high and motivates them for all time high achievement. The finances are managed resourcefully and as a regular practice audits are done at regular intervals. The funds received from different sources are managed and mobilised for the overall benefit of the students. The Institutional Quality Assurance Cell is in place to offer quality education to the students and assess the achievement of quality standards. It also reviews the teaching learning processes and outcomes as per the quality objectives. Various quality initiatives are undertaken like ISO, NIRF, technical tie-ups with IITs and so on to create quality as a culture in engineering and management education

Institutional Values and Best Practices

The institute is located in the natural site surrounded by hills on two sides. The natural beauty is maintained and sustained by the institute by constructing environment friendly buildings. The institute has followed good orientation assuring minimum artificial lighting and power usage. The greenery is maintained in the campus and parking is placed in the location to support carbon neutrality. The campus has developed percolation tank and the rain water harvesting accumulates in to the percolation tank. The use of CFL/LED lamps, solar energy is practiced in the institute. The institute has done many innovations in academics and administration. Few to list includes; app for communication skill and aptitude development, job fair, teacher mentoring, course files, rain water harvesting, use of non-conventional source of energy, GIZ [industrial live projects] Internships, Inplant Training etc. Students' centric programmes, Mentoring and sustainable engineering are some of the best practices followed by the institute.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SHREEYASH PRATISHTHAN'S SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY
Address	Gut.No.258(P) ,Beed ByPass Road ,Near SRPF Camp.,Satara Parisar Aurangabad
City	Aurangabad
State	Maharashtra
Pin	431010
Website	www.sycet.org

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Ramkisan Shrirang Pawar	0240-6608702	9049989805	0240-6608709	principal@sycet.org
IQAC / CIQA coordinator	Vilas Wamanrao Patil	0240-6608741	9403760722	0240-6608701	vilas.patil@sycet.org

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

Date of establishment of the college	30-06-2008

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Maharashtra	Dr. Babasaheb Ambedkar Marathwada University	View Document
Maharashtra	Dr. Babasaheb Ambedkar Technological University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	15-06-2020	12	

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Gut.No.258(P) ,Beed ByPass Road ,Near SRPF Camp.,Satara Parisar Aurangabad	Urban	27	18734.36

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Mechanical Engineering	48	tweleth science	English	120	27
UG	BTech,Civil Engineering	48	tweleth science	English	120	25
UG	BTech,Electrical Engineering	48	tweleth science	English	60	25
UG	BTech,Computer Science Engineering	48	tweleth science	English	60	54
UG	BTech,Electronics And Telecommunication Engineering	48	tweleth science	English	60	12
PG	Mtech,Mechanical Engineering	24	Engineering Degree	English	18	14
PG	Mtech,Civil Engineering	24	Engineering Degree	English	18	18
PG	Mtech,Computer Science Engineering	24	Engineering Degree	English	18	3
PG	Mtech,Electronics And Telecommunication Engineering	24	Engineering Degree	English	18	7
PG	MBA,Mba	24	Any Degree	English	60	60
Doctoral (Ph.D)	PhD or DPhil,Mechanical Engineering	48	PG in Mechanical Engineering	English	10	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				1				0				31
Recruited	1	0	0	1	0	0	0	0	21	10	0	31
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				2				13				55
Recruited	1	1	0	2	11	2	0	13	35	20	0	55
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				21
Recruited	20	1	0	21
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				6
Recruited	6	0	0	6
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	2	1	0	4	0	0	0	0	0	7
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	7	2	0	56	30	0	95

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	1112	0	0	0	1112
	Female	246	0	0	0	246
	Others	0	0	0	0	0
PG	Male	129	0	0	0	129
	Female	40	0	0	0	40
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Diploma	Male	98	0	0	0	98
	Female	13	0	0	0	13
	Others	0	0	0	0	0

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Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	33	16	6	22
	Female	12	2	7	3
	Others	0	0	0	0
ST	Male	2	0	1	2
	Female	0	0	1	1
	Others	0	0	0	0
OBC	Male	17	7	5	21
	Female	0	3	1	8
	Others	0	0	0	0
General	Male	133	55	64	107
	Female	28	17	22	32
	Others	0	0	0	0
Others	Male	22	11	10	23
	Female	4	3	9	4
	Others	0	0	0	0
Total		251	114	126	223

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Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
309	317	309	284	267

File Description	Document
Institutional data prescribed format	View Document

1.2

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
11	10	10	10	10

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1527	1145	1075	1060	1266

File Description	Document
Institutional data in prescribed format	View Document

2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
160	200	160	160	120

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File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
338	211	302	269	438

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
102	101	106	177	204

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
102	101	106	177	204

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 26

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
346.42603	300.4470326	412.6558220	391.6411462	494.461226

4.3

Number of Computers

Response: 412

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

1. The institution follows the curriculum prescribed by the affiliating university, Dr. Babasaheb Ambedkar Technological University(DBATU), Lonere for UG Courses(B-Tech First year, Second year and Third year, Final Year of Engineering) PG Courses(M-Tech First year and Second year).
2. The institution follows the curriculum prescribed by the affiliating university, Dr. Babasaheb Ambedkar Marathwada University (BAMU), Aurangabad for Master in Bussiness Adminstration.
3. 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. From Covid-19 Pandemic situation, Classes are conducted in online mode on Google Meet Platform. Recordings of the classes are uploaded on the Moodle Software platform for futuristic reference and access to students for E- learning.
6. Daily Progress of each department is monitor with ERP (Enterprise resource planning) software as well as hard copy in the form of Daily Progress Report by Principal & HOD's. Student attendance is monitored on regular basis with the same, and strict action is taken against student having below 75% attendance. Corrective actions in terms of Additional assignments are assigned to defaulter students with Guardians being informed and consulted for the same.
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 in offline mode before Covid 19 and in onlin mode during pandamic.
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 helps in taking suitable measures for the effective implementation of the academic process. Minutes of meetings are prepared and maintained in ISO format(Hard Copy).

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

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

Response:

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 and they are reviewed on a continuous basis by the HOD & Principal.
4. For Continuous Internal Evaluation (CIE), Weekly ISO report is generated specifying the Issues faced while conducting Academic calendar and corrective actions are taken.
5. Subject Theory and practical syllabus completion Percentage is maintained on weekly basis in ISO Weekly Report as part of Continuous Internal Evaluation.
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. Student attendance is monitored on regular basis with the same, and strict action is taken against student having below 75 % attendance. Corrective action in terms of Additional assignments are assigned to defaulter students.
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 in offline mode and online mode through Moodle Software during pandamic. And at the end of Class Test–I/II and Mid-Semester Exam, Students result is updated and Analyzed.
8. A unique characteristic of the institute is TEACHER-GUARDIAN scheme. Every faculty member of each department is assigned the responsibility of being a guardian of at least 10 students. He/she has to interact regularly with the assigned students to him/her, to their parents and try to improve the attendance, performance in examinations and overall improvement to make the student a good engineer. For this TEACHER-GUARDIAN Meetings are conducted with different Feedback activities .Guardians being informed and consulted for improvement in attendance and performance of their ward. Parent Student Relation Department (PSRD) is maintained, so as to inform student and guardians through College registered SMS system about all Academic related activities.

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

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 last five years

1. **Academic council/BoS of Affiliating university**
2. **Setting of question papers for UG/PG programs**

3.Design and Development of Curriculum for Add on/ certificate/ Diploma Courses

4.Assessment /evaluation process of the affiliating University

Response: C. Any 2 of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2 Academic Flexibility

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

Response: 100

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

Response: 11

File Description	Document
Minutes of relevant Academic Council/ BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 2

1.2.2.1 **How many Add on /Certificate programs are offered within the last 5 years.**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	2	0	0

File Description	Document
List of Add on /Certificate programs	[View Document](#)
Brochure or any other document relating to Add on /Certificate programs	[View Document](#)
Any additional information	[View Document](#)
Link for Additional information	[View Document](#)

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 1.49

1.2.3.1 **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	80	0	0

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	[View Document](#)
Any additional information	[View Document](#)

1.3 Curriculum Enrichment

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

Response:

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 for staff and students are organized to teach them better team work spirit.
3. Field Training / Internship / Industrial Training 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 .Every student must obtain on admission, the Identity Card. which must have his/her photograph attested

and wear the identity card whenever he/she is on the institute premises, and present it for inspection on demand.

5. Ragging is banned on the institute campus. Anyone found guilty of ragging and /or abetting ragging is liable to be punished as per the directive of the UGC and Govt.

6. Students shall compulsorily wear the prescribed institute uniform on all working days except Thursday. Uniform symbolizes unity and uniformity. It also indicates equality and a sense of belonging to the institution. Uniform provides a special identity. Hence it is a source of pride and responsibility.

7. Smoking and consumption of alcohol on the Institute premises or entering the institute premises, after consuming alcoholic drinks is strictly prohibited. Awareness of the same is provided to the student by conducting special lectures and seminars on the concerning subject.

8. Insubordination and unbecoming language or misconduct on the part of a student is sufficient reasons for his/her suspension or dismissal. All Institute activities are organized under the guidance and supervision of the faculty In-charge, HOD and Principal. Every student has to participate in at least two of the co-curricular activities offered in the institute.

9. The Principal & HOD's are disciplinary authority in the institute. We follow code of conduct for Staff as a Example of Ideal way of Practicing Professional ethics. Like, Respect the organization goals and help to achieve them. Be on time for your lectures and practical. Be punctual. Staff members shall follow the directions and instructions properly given by the Principal.

10. 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.

11. A teacher shall be required to maintain the scheduled hours of work during which he /she must be present at the place of his / her duty. No teacher shall be absent from duty without prior permission. Even during leave or vacation with the prior permission of the competent authority, whenever leaving the station, the teacher should inform HOD & the Principal in writing.

12. No teacher shall make any statement, publish or write through any media which has effect of an adverse criticism of any policy or action of the Institute.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document
Any additional information	View Document

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 8.45

1.3.2.1 **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
25	25	25	25	25

File Description	Document
Programme / Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	[View Document](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View Document](#)
Any additional information	[View Document](#)

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year

Response: 18.86

1.3.3.1 **Number of students undertaking project work/field work / internships**

Response: 288

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	[View Document](#)
Any additional information	[View Document](#)

1.4 Feedback System

1.4.1 *Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni*

Response: E. None of the above

File Description	Document
Any additional information (Upload)	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback process of the Institution may be classified as follows: Options:

1. **Feedback collected, analysed and action taken and feedback available on website**
2. **Feedback collected, analysed and action has been taken**
3. **Feedback collected and analysed**
4. **Feedback collected**
5. **Feedback not collected**

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Upload any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 30.64

2.1.1.1 **Number of students admitted year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
251	114	126	223	101

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
552	552	552	552	423

File Description	Document
Institutional data in prescribed format	[View Document]
Any additional information	[View Document]

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 37.12

2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
90	42	40	84	37

File Description	Document
Average percentage of seats filled against seats reserved	[View Document]
Any additional information	[View Document]

05-07-2022 12:10:11

2.2 Catering to Student Diversity

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

Response:

The students admitted in our college are coming from various economic sections and communities of the society. The college is very conscious about their overall growth and social up-liftment in the society. Our college has a fair system for admission process. 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. The institute assesses the learning levels of the students, which helps the students to improve their performance. 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 performance of the student may vary for different courses based on student's interest and pace. 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. After identifying and preparing the list of slow and advanced learners and conduct extra lectures for weaker students. Advanced learners are encouraged to refer reference books, textbooks, online journals. For this, the college is equipped with traditional library and e-library. Advanced learners are also encouraged to apply for different technical and state/central government competitive examinations like GATE, MPSC/UPSC, IES etc. All the student's are motivated to participate in seminar presentation, poster presentation, quiz competition, debates, GIZ, SAE-BAJA, SAE-TIFAN etc and are taken for industrial visits and Inplant trainings are conducted.

Activities conducted by the institute for the slow learners are as follows:

1. Individual counselling.

2. Remedial classes

3. Teaching notes are provided.

4. Doubt clearing session are conducted after Class Test and Mid-Sem exam.

5. Encouragement to participate in NSS, sports and extra-curricular activities.

6. During examination extra library books are issued and library hours are extended.

7. Practice of solving previous year university questions papers.

Activities conducted by the institute for the advanced learners are as follows:

1. Advance study material is provided.

2. Encouraged for special training and learning.

3. Motivated to work on live projects with hands on session.

4. Coaching is conducted for GATE exam.

5. Arrange expert lectures and webinars on current emerging technologies.

6. Encouraging them to study abroad by giving inputs of exams like IELTS, GRE, and TOEFL etc.

File Description	Document
Upload any additional information	View Document
Past link for additional Information	View Document

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

Response: 15:1

File Description	Document
Any additional information	View Document

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

Response:

The institution has made a conscious attempt to shift from the traditional teacher–centric approach to a student-centric one and academic planning is done accordingly. The teachers act as a catalyst and students play dynamic role in the learning process. The teaching pedagogies are styled as per the needs of students. The institute utilizes a blended education approach from its establishment. This provides individualized, student-centered learning atmosphere with increased access to contents. The courses are planned with proper emphasis on pragmatic learning, which is reflected in the teaching plan. The institute provides state of the art seminar halls and classrooms with infrastructure for ICT enabled teaching and learning.

1. Participative learning through regular classes supported with seminars, brainstorming sessions etc.

2. Separate lectures are conducted for soft skills.

3. Videos and animations for different technical concepts are made available to make lectures more interactive.

4. Institute motivates students to participate in various technical events like SAE-BAJA, SAE-TIFAN, Smart India Hackathon, Ready Engineers, Avishkar and DIPEX.

5. For overall development of students, the institute also conducts cultural and technical activities.

6. Experiential learning is supported by industrial and in-house projects.

7. A separate course is available in the university curriculum for seminar and mini project.

Experiential Learning:

Institute promotes experiential learning among students through following

- Laboratory Experiments
- Industrial visits
- Inplant Training
- Expert lectures

Participative Learning:

Institute promotes participative learning among students through following

- Regular classes
- Sport participation
- Technical event organized and participation at our institute
- Technical event participation at other institutes

Problem Solving Approach:

The problem solving methodology helps the student to understand the root cause of the problem and come out with best possible solution. It enhances the critical thinking ability of student's. The below mentioned programs are useful for problem solving approach.

- GIZ Projects
- SAE-BAJA Project
- SAE-TIFAN Project
- Smart India Hackathon Project

File Description	Document
Upload any additional information	[View Document](#)
Link for additional information	[View Document](#)

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

Response:

Teachers of our institute take the advantage of ICT enabled tools for the benefits of students. The institute

has encouraged the teacher to use the ICT tools since its establishment. Staff of each department uses PPT presentations, animated videos, e-Books, LCD projector and created their own You Tube channels for particular subject. Post COVID-19 the use of ICT has drastically increased and all our teaching activities are performed with the help of online teaching tools like Google Meet, Moodle and Google Classroom. Recordings of the subject lectures were shared with the students via links. A dedicated Google group named SYCETA has been created by Training and Placement cell for the beneficial of all students. Student feedbacks are taken with the help of Google forms. Class test and Mid-Sem Examination of University have been conducted with the help of Google form and MOODLE software especially in Covid times and results are displayed within the stipulated time. Oral / Practical examination, Project viva and Inplant Training presentation was conducted with the help of ICT tools.

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	Document
Upload any additional information	[View Document](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View Document](#)

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

Response: 16:1

2.3.3.1 Number of mentors

Response: 95

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	[View Document](#)
mentor/mentee ratio	[View Document](#)
Circulars pertaining to assigning mentors to mentees	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	
List of the faculty members authenticated by the Head of HEI	
Any additional information	

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 5.64

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
7	7	9	7	4

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	
Any additional information	

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

Response: 3.49

2.4.3.1 **Total experience of full-time teachers**

Response: 356

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

Institute follows affiliating university guidelines for the internal assessment. Complete transparency is maintained in all forms of internal evaluations.

Class Test (CT) and Mid Semester assessment

Two internal examinations, namely Class Test I and Class Test II (For Dr. B.A.M. University, Aurangabad) and Mid Semester Examination (For Dr. B.A.T. University, Lonere) in each semester are planned in academic calendar and executed. After assessment, answer sheets are shown to students and answers are discussed with students to maintain transparency. Examination results are displayed on notice boards and on college website. Overall performance, attendance, feedback about the student is communicated to students and parents.

Term work (TW) assessment

Various assessment parameters, their evaluation process and criteria are discussed by each course teacher with students on day one of academics. The same are displayed on the notice board of the department.

Dr. Babasaheb Ambedkar Marathwada University and Dr. Babasaheb Ambedkar Technological University The marks of continuous assessment I and II are based on the performance of class test I and II. For practical work of subjects, marks are given based on attendance, journal writing, assignments, experiments conducted and timely completion of submission.

Project and Seminar

As a part of the internal assessment of projects and seminar a review committee is formed which comprises of all the project guides and Head of the department. The project coordinator is appointed to look after the smooth conduction of project related activities. Projects are allotted to the students in groups. The project guide monitors the performance of the students regularly. The review committee of the department takes the review of seminars/presentation and the suggestion/correction/modification, are given to the students. Two/three reviews are taken on project by a committee constituted in the department. The performances of the students in review are recorded against pre defined parameters and the same are used to calculate the marks of the students in term work.

1. Sample documents of mechanism of Internal Assessment
? Class Test-I and Class Test-II for Dr.BAMU, Aurangabad
? Mid Semester Examination for Dr.BATU, Lonere
? Sample of consolidated assessment sheet
2. Term work (TW) assessment sheet prepared for Dr.BATU, Lonere
3. Term work (TW) assessment sheet prepared for Dr.BAMU, Aurangabad
4. Internal assessment for Project and Seminar

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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

Response:

The institute has adopted fair and transparent process for the evaluation of student prescribed by the Dr. B.A.M. University. Institute follow the schedule as given by the affiliating university to solve examination related grievances.

Institute has appointed Chief Superintendent of examination as per directives by the affiliating university who looks after all the ongoing examination related grievances like paper redressal, revaluation etc.

The Theory Examinations (80 Marks) are conducted and evaluation is done by the university CAS centres. The masking of answer books are done so that the assessors are unaware about the exam seat no and other details of students. This is totally secure and transparent system.

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 Dr. B.A.M. University.

After receiving photocopies, the students can cross check the papers with concerned staff member and 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 chief superintendent of examination provides all assistance needed for examinations related grievances. The institute facilitates the redressal of grievances related to University examinations through notices displayed on notice boards on regular basis.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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.

Response:

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:

Institute website.

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	Document
Upload COs for all Programmes (exemplars from Glossary)	[View Document](#)
Upload any additional information	[View Document](#)
Past link for Additional information	[View Document](#)

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

Response:

College has started to develop a mechanism for evaluation of Course Outcomes. Every program prepares its own Program Outcomes and Program Specific Outcomes.

The Program Outcomes are finalized considering the Graduate Attributes, and blending those appropriately to suit the program. The PSOs are defined in line with the expectations of professional bodies, industry and society.

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.

Assessment and evaluation for every course are carried out through various means such as Mid-Sem Examination, Internal assessment (Class Test), End Semester Examination. Then attainment level for COs, POs and PSOs is calculated.

Attainment of Course Outcome:

Every teacher prepares teaching plan for theory subject and lab plan for practical subject by adding content in line with course objectives.

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 and POs in terms of 3, 2 and 1 is represented with the help of correlation matrices.

Every teacher judiciously decides the target of attainment. Individual teacher uses assessment/evaluation as an indicator for attainment of COs. The different evaluation measuring tools/methods such as Mid-Sem Examination, Internal Assessment (Class Test) and End Semester Examination sheet are used as per the need of the course.

Attainment of Program Outcome and Program Specific Outcome:

Knowledge related POs are attained by the students through the teaching learning process. They are assessed through direct assessment tools like Class Test and Mid-Sem exam.

Data collected using these tools are analyzed by faculty member for attainment of POs and PSOs through attainment score of COs.

Soft skills and life-long learning skills are not being attained satisfactorily through present curriculum. T&P Cell of the Institute organizes professional training for students through value added program to help them in improving their soft skills such as verbal and nonverbal communication, resume writing and interview techniques.

At the department level, students are encouraged to participate in various extra and co-curricular activities. 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	Document
Upload any additional information	[View Document](#)
Paste link for Additional information	[View Document](#)

2.6.3 Average pass percentage of Students during last five years

Response: 75.65

2.6.3.1 **Number of final year students who passed the university examination year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
292	183	194	172	337

2.6.3.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
338	211	302	269	438

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View Document</u>
Upload any additional information	<u>View Document</u>
Paste link for the annual report	<u>View Document</u>

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.76

File Description	Document
Upload database of all currently enrolled students (Data Template)	<u>View Document</u>

Criterion 3 - 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, Chairs in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
List of endowments / projects with details of grants	[View Document](#)
e-copies of the grant award letters for sponsored research projects / endowments	[View Document](#)
Any additional information	[View Document](#)

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

Response: 0.98

3.1.2.1 **Number of teachers recognized as research guides**

Response: 01

File Description	Document
Institutional data in prescribed format	[View Document](#)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 0

3.1.3.1 **Number of departments having Research projects funded by government and non-government agencies during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

3.1.3.2 **Number of departments offering academic programes**

2020-21	2019-20	2018-19	2017-18	2016-17
06	06	06	06	06

File Description	Document
Supporting document from Funding Agency	[View Document](#)
List of research projects and funding details	[View Document](#)
Paste link to funding agency website	[View Document](#)

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 all the required facilities and guidance to the students and faculties. They are encouraged to actively involve in the application of technology for societal needs. Students are provided facilities to build prototypes useful for promotion of Agriculture and Rural Development. Financial Assistance is provided for major and minor Research Projects.

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

Research & Development committee members identify the potential areas of research in various disciplines. Various add on courses like **SAP, Red Hat, TATA Ready Engineer** etc. organized by institute for student's knowledge up gradation and skill improvement. An **Entrepreneurship Development Cell** develops a system to guide and motivate student and faculty to become Entrepreneur and Start- up. Students are encouraged to gain hands on experience and better Industrial Exposure.

- Necessary support is provided for Documentation, **Publication of Research Papers** in reputed journals, **FDP/STTM** and presentation in national and international conferences held by reputed technical institutes. Institute always provide support for patenting of innovations. 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 provided opportunities to directly visit the industries, interact with outstanding entrepreneurs excelling in their field, understanding the market needs, industry work culture and ethics and various.
- Development of new labs and purchasing the necessary laboratory equipments carried out at institute to improve skills, practical knowledge and develop prototypes by cognitive abilities.
- Project-based activities are promoted in the campus. Financial Assistance is provided for major and minor Research Projects. Students are encouraged to work on live projects starts from problem finding and solution under **GIZ-MASSIA, SAE-BAJA and SAE-TIFFAN, SMART India Hackathon** and various industry sponsored projects.
- The institute also took the initiative of organizing awareness program on **Entrepreneurship, Start-up Ideas**, Critical Thinking, Industrial Needs and Skill Development, Innovation and Research Methodology, Social Problems, environmental issues, self defence awareness programme for girls for their personal safety and security.
- To promote the start-ups by training, guide, counsel and mentor through organising different expert talks and live sessions for students and faculties to assist them for setting up of technology exhibition, awareness camps, problem findings, market needs, idea generation and product development methods.
- The institute has also signed **MOU** with various manufacturing, IT fields and organizations such as GIZ, Indo German Tools Room, S. S. Controls, Dynamic Transmissions etc. to provide student Internship, Implant Training, Mentorship, Training workshops for students and faculties also networking with top entrepreneurs..

File Description	Document
Paste link for additional information	[View Document](#)

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

Response: 33

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

2020-21	2019-20	2018-19	2017-18	2016-17
5	7	6	9	6

File Description	Document
Report of the event	[View Document](#)
List of workshops/seminars during last 5 years	[View Document](#)

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 8

3.3.1.1 **How many Ph.Ds registered per eligible teacher within last five years**

Response: 08

3.3.1.2 **Number of teachers recognized as guides during the last five years**

Response: 01

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
URL to the research page on HEI website	View Document

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 0.28

3.3.2.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
03	7	11	7	10

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.1

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 last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
02	02	03	01	6

File Description	Document
List books and chapters edited volumes/ books published	[View Document](#)
Any additional information	[View Document](#)

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 last five years.

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, water conservation by constructing bandhara** every year at different villages to address the societal issues and sensitizes our students towards them. 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.
- An expert talk was organized by institute on **gender sensitization, hygiene, fitness and individual safety precautions**. Students came to know about gender inequality problem and they get awareness hygiene, fitness and individual safety precautions also. Women's fitness & Diet under the scheme Women's Grievance Cell organized by SYCET on the occasion of women's day.
- **Tiranga Padyatra, Swachhta Abhiyan**, organized by ABVP at Saraswati Bhuvan College, Aurangabad. Students of Shreeyash College of Engineering and Technology were participated in 2222 feet Tiranga Padyatra Rally.
- Students actively participated in **Swakshari Abhiyan and Swachhta mohim** for promotion and take care of historical monuments.
- **Help to flooded area people** under the scheme NSS. Our faculties and NSS volunteers provided food, medicines, cloths, water etc at Padali, Dist Kolhapur. Students came to know the impact of natural disasters and how to deal with this situation.
- **Yoga and Meditation** session were conducted daily during induction programme also International Yoga Day always celebrated in college every year to promote health awareness to all beneficiaries.
- **Self Defence Training** by Mission Sahasi under the scheme Women's Grievance Cell organized by Trainers of Savitribai Phule Mahila Ekatma Samaj Mandal, Krida Bharati Institute. They have given demonstration for different types of attack which the girls can face in day today life and its prevention. They took practice of all girl students for all types of attacks from which they can protect themselves.
- Plantation of seeds through drone under the scheme Tree Plantation organized by SYCET.
- **Blood Donation Camp** organized every by SYCET every year in which students and faculties donate blood to contribute in this great work of life saving and motivating blood donors in future. It

improves other factors like reduce stress, improve your emotional well-being and benefit in physical health.

- **Awareness for Use of LED's and Electricity Conservation** created awareness in students about how LED consumes less electricity and reduce the risk combustion and burnt fingers.
- **Kirloskar Vasundhara- International film festival** was held in college campus. It is an innovative attempt to explore nature and analyze topical issues for preserving our great natural heritage. The message of the festival is to preserve, protect and save the earth for generation next.
- Motivational talk was given on the topic **How to manage stress** related to study, how to control anger, how to handle difficulties in simple way. Students develop skills and aptitude of problem solving.

File Description	Document
Upload any additional information	[View Document]()
Paste link for additional information	[View Document]()

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 26

3.4.2.1 **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
11	07	00	04	04

File Description	Document
Number of awards for extension activities in last 5 year	[View Document]()
e-copy of the award letters	[View Document]()

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 26

3.4.3.1 **Number of extension and outreached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3	6	9	03	5

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 42.43

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 last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
52	417	722	296	978

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 0

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
e-copies of related Document	View Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	View Document

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 11

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	05	01	04	01

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document
Any additional information	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

The Institution is sited on **10 acres** of lush green campus with built-up area of **18734.36 sq m** which includes Administrative Office, Principal's Office, various Departments, Workshops and Library, Class Rooms, Laboratories, Corridors, Toilets, Common Rooms for Students.

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. Few classrooms are enabled with ICT facilities.
- All the classrooms, laboratories, and other amenities are as per the AICTE norms and the Dr. Babasaheb Ambedkar Technological University, Lonere. Also each laboratory is well equipped with sufficient number of required experimental setups.
- All the classrooms and the entire campus are under CCTV surveillance. Because of the Covid-19 Pandemic as well as generally to satisfy the necessity of online teaching, recently the Institute has developed a lecture recording room.
- Seminar halls are equipped with audio visual equipment to conduct seminars/workshops.
- Every department is equipped with computers, LCD projectors, printers and scanners.
- Separate hostels for boys and girls students, canteen, transportation facility, amphitheatre and playgrounds do exist on the campus.
- Spacious and sufficient number of wash rooms for gents and ladies are provided separately on each floor of the building with adequate ventilation.
- 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.
- Online access system with the help of **DELPLUS** software is available in the Central Library.
- There are more than 21000 Volumes of books with wide range of titles and authors available for the students and faculty members in the Central Library. In addition to this, several journals of national and international repute are subscribed to and made available. Bound volumes of older issues of these journals are also maintained.
- Institute has 412 computers for the use of students and 93 computers for staff with internet connectivity of 155 Mbps leased line which helps to foster latest knowledge updates of various subjects and encourage e-learning.
- **NPTEL Local Chapter** is available for the students/faculty members to get training and certification in different courses.
- 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. It provides complete support in fitting, joining and fabrication works.
- Workshop facility is made available for extended hours to manufacture the vehicles for different **TIFAN, SAE-BAJA** competitions, academic and innovative projects.

- **E-yantra lab** – To groom the students with a view to make them capable and equally competent in robotics with students of other reputed institutes, **SYCET,** with cooperation of **IIT Bombay,** has set up E-yantra lab. To cater to the needs of learning recent technologies, institute has established centres of excellence like e-yantra robotics lab, 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	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response:

- 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, World Water Day, Teachers' Day, Engineers' Day and other National Festival celebrations like Independence Day, Republic Day provide a forum to showcase the talent of the students. Celebration of Freshers' Day, Farewell programme leave lifetime fond memories in the minds of 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	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. *(Data for the latest completed academic year)*

Response: 46.15

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 12

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View Document](#)
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 16.08

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
6.8459	22.3409	127.1096	63.0981	119.0339

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	[View Document](#)
Upload audited utilization statements	[View Document](#)
Upload any additional information	[View Document](#)

4.2 Library as a Learning Resource

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

Response:

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	2020-21	DELPLUS	Partially	2.0
2	2019-20	DELPLUS	Partially	2.0
3	2018-19	DELPLUS	Partially	2.0
4	2017-18	DELPLUS	Partially	2.0
5	2016-17	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	Document
Upload any additional information	[View Document](#)
Paste link for Additional Information	[View Document](#)

4.2.2 The institution has subscription for the following e-resources

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases
6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 5.31

4.2.3.1 **Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
1.18142	1.20744	4.75168	12.4494	6.96315

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	
Audited statements of accounts	

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

Response: 0.68

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

Response: 11

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

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

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.
- In spite of this, there may be a 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.
- The entire campus is under the surveillance of CCTV camera and its footage is monitored regularly.
- All the laboratories of different departments, Central Library, HOD cabins and Principal's chamber, Administrative office are provided with internet connectivity (155 Mbps) through LAN network.
- It has been upgraded in 2018-19 to 155 Mbps from 10 Mbps over last 5 years.
- To bring about upkeep in the institute as regards to the lecture delivery, class rooms are provided with LCD Projectors which have seen their upgradation from Epson-S5 to Epson EB-01.
- For printing the institute has upgraded the printers from time to time starting with dot matrix printers to HP 1005 all in one (Scanner, Copier, Printer etc.).
- Since March 2020, after the outbreak of COVID-19 Pandemic challenges of online teaching-learning process were surfaced.
- To cope up with this 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	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 4:1

File Description	Document
Student – computer ratio	[View Document](#)

4.3.3 Bandwidth of internet connection in the Institution

Response: E. < 5 MBPS

File Description	Document
Upload any additional Information	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 58.49

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

2020-21	2019-20	2018-19	2017-18	2016-17
210.4180	151.4171	253.0773	222.8835	311.9251

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View Document](#)
Audited statements of accounts	[View Document](#)

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.

Response:

Laboratory

Maintenance:

- A faculty member (Lab in charge) is assigned to take care of routine maintenance of machines/equipment, infrastructure and furniture in a laboratory.
- In case, any requirement or maintenance related issue, Lab in charge/ HOD forwards application to

Principal, after verifying and identifying necessary action for repair or replacement, he gets the task completed.

○ Lab equipment maintained with proper maintenance schedules, breakdown, and routine and planned maintenance. Calibration of laboratory equipment is done periodically as per the specifications of the equipment.

Utilization:

○ Laboratories are utilized for various purposes like conduct of experiments, practical classes as per scheduled time table.
○ Laboratories are also utilized for conducting University practical examination, viva-voce.
○ Laboratories are also utilized for research, testing etc.

Library:

The Library works on Open Access basis. The stack of books and journals are maintained separately. Previous journals are preserved. Post Graduate level dissertation theses are maintained separately.

The library collects duly filled recommendation forms from the departments for purchasing books.

○ A Library Committee headed by a Senior Faculty Member is constituted and departmental library coordinators are the members of this committee. They conduct review meetings from time to time and bring about the requirements of new purchase of books/journals etc.
○ The books which are already available and the books, of which sufficient number of copies are present in the library, are eliminated from the recommendation list. While purchasing new books, it is seen that the number of titles are increased rather than increasing number of copies of the same book.
○ Quotations are called from at least 3-4 reputed book suppliers and the comparative statement is made. Then it is submitted to the Principal for approval. Purchase order is raised in the name of the supplier whose quotation is approved in meeting.
○ A copy of order is submitted to the Accounts Section for their records.

Maintenance:

○ Frequent application of anti-termite chemical, insecticides and pesticides is done to enhance the life of books.
○ Housekeeping, cleaning of racks, dusting is done regularly.
○ Book binding, periodicals binding; good stacking of news papers is done.

Utilization:

○ Separate reading room for staff and students are available for study in Library and a register is maintained for making entries and exits of the readers.
○ For borrowing books for a period of a week or so, Library cards are prepared for both staff and students and they can take books home for a week.
○ Reference book copies are arranged in different shelves. These reference copies are allowed only

for reading purpose.

Sports Complex:

Maintenance:

- Requisition is made for the purchase of new equipment for indoor and outdoor sports activities and Infrastructure and maintenance committee presents the same before the College Management for approval.
- Quotations from vendors are obtained.
- Maintenance of ground through regular weeding and leveling is done.
-
- The sports equipment, ground are supervised and maintained by sports in-charge
- Provision of the facility is done for the students of the college for practice.
- College level, intercollegiate level and University level competitions are organized as per policy of the Institution.

Computers and ICT facility:

Utilization:

- Computers are issued to principal office; head of the department office, accounts, library, admin office, and laboratories for optimum use by staff and for students, every department has computer laboratory in which students can utilize the computing and internet facility.
- A classroom with ICT facility consists of overhead LCD projector, internet facility, CCTV camera for lecture presentation through PPTs.

Maintenance:

System Administrator and Technical Assistants are working in CSE Department.

- The task of system administrator is to establish and maintain IT infrastructure in the campus.
- Computer systems in the college are connected with LAN connectivity.
- Licensed software and open source tools are available as per requirements
- Inspection and servicing activities are being carried out once in a semester.
- If the IT related equipment not working properly then concerned person reports about the same to the Principal through HOD and then complaint is forwarded to CSE department.
- The complaint is resolved on urgent basis.

Classroom:

Utilization:

- Allotment is done as per the lecture schedule in consultation with the timetable committee and head of the institution.
- Apart from teaching learning activities, classrooms are utilised for conducting University

examination, competitive examination, guest lectures, training sessions etc.

Maintenance

- As per need, some classrooms are equipped with projector to facilitate use of modern teaching aids.
- 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.
- All the buildings are painted with quality paint as per requirement.
- Wall cracks and roof cracks are identified and filling is done by using suitable materials.
- All the roads are maintained whenever necessary.
- Greenery (Lawns, Plants & Trees) Stretches are maintained inside the campus.

Housekeeping and Gardening

- Supervisor is appointed in the institute for cleanliness and it is maintained with the help of separately recruited housekeeping staff.
- Each housekeeping staff cleans his/her assigned area twice a day.
- Six gardeners are recruited to take care of the lawn in the campus.
- 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.
- Minor repairs are carried out by the technicians. When a major repair occurs, service report is obtained from industry person. Approval for service of equipment is obtained from concerned in charges.
- Service register is maintained by electrical maintenance cell.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 39.28

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2020-21	2019-20	2018-19	2017-18	2016-17
648	464	426	373	489

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	[View Document](#)
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 7.84

5.1.2.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2020-21	2019-20	2018-19	2017-18	2016-17
116	53	112	65	132

File Description	Document
Upload any additional information	[View Document](#)
Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)	[View Document](#)

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

> **1.Soft skills**
> **2.Language and communication skills**
> **3.Life skills (Yoga, physical fitness, health and hygiene)**
> **4.ICT/computing skills**

Response: D. 1 of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link to Institutional website	[View Document](#)

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 56.29

5.1.4.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
677	528	536	803	828

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	[View Document](#)
Any additional information	[View Document](#)

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: C. 2 of the above

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

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 17.96

5.2.1.1 **Number of outgoing students placed year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
39	35	84	53	62

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 10.95

5.2.2.1 **Number of outgoing student progression to higher education during last five years**

Response: 37

File Description	Document
Upload supporting data for student/alumni	[View Document](#)
Details of student progression to higher education (Data Template)	[View Document](#)

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 100

5.2.3.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations,** *etc.*)**) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
01	03	01	06	05

5.2.3.2 **Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
01	03	01	06	05

File Description	Document
Upload supporting data for the same	[View Document](#)
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	[View Document](#)

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural

activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 5

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) year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
00	00	02	01	02

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	[View Document](#)
e-copies of award letters and certificates	[View Document](#)

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

Response:

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: This committee insures zero ragging incidences in the premises of institute and also spread awareness among students against any sort of ragging activities.

4. Cultural activities: In order to coordinate and promote cultural activities throughout the year the cultural coordinator and sports coordinator encourages their fellow mates to organize and participate in various indoor outdoor sports at inter college, inter university, state, national and international level.

5. Extension Activities: Students are involved in extension activities such as Vruksh Dindi (Tree Plantation), Swachchha Bharat Abhiyan, Yoga Day, Food Donation, NSS activities, Blood Donation through various clubs.

6. Departmental Students Association: EESA, CESA, MESA, ETSA and CSSA (for all disciplines) are formed and various activities are planned coordinated, organised and executed to support vision and mission of the institute.

7. Internal Quality Assonance Cell: The students' representatives are involved and their active participation is ensuring to present their ideas, concepts.

8. Departmental Advisory Committee: This committee is steered by the student representatives and faculty nominated by HOD to give implementable advices for overall development and improvement of department. This committee constitutes student representative along with industry and academic exports to plan organize, coordinate, various activities throughout the year.

The students are promoted, inspire and motivated participate in industrial problems solving through participation in various competitions i.e. GI-Z, smart India Hackathon, National level project completions etc. Students are the nucleus of learning – teaching core process and are most important stake holders who are the major outcome of institute to brand any institute. Hence, their active participation, self driven attitude is always encouraged to make their professional life better.

File Description	Document
Paste link for additional information	[View Document](#)

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 3

5.3.3.1 **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	2	2	2	9

File Description	Document
Report of the event	<u>View Document</u>
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	<u>View Document</u>

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

Response:

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 contribution happens in various non-financial forms such as alumni interaction week, alumni challenge competition. 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. During the interaction alumni have highlighted the importance of current trends in the market and guided the students about the career opportunities in different fields. They have also shared their personal experiences with students. Alumni visit campus at regular intervals to support the existing batch of students in planning and organizing events, extend support and guidance for functioning of various students clubs. Alumni who are entrepreneurs have been providing inputs on how to start a new venture and turning them in to job providers. This has resulted in to two out of four students who have in progress of their revenue streams. Some of the alumni are actively participating in social service combining with creative activities for rural area kids. These activities are quite motivational and create enthusiasm among children resulting in awareness related to importance of education among poor children. All these activities are carried out during weekends. Whenever these alumni visit the campus they motivate students to follow their path for the betterment of the society. 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	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: E. <1 Lakhs

File Description	Document
Upload any additional information	View Document
Link for any additional information	View Document

Criterion 6 - 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

Response:

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 and Management 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.

Quality Objectives:

1. To provide a sound academic environment to students for complete leaning experience.
2. To train the staff for all around development of academic record.
3. To improve the Industry-Institute interaction.
4. To strive for student's placement through campus interviews.
5. To organize Co-curricular and extra-curricular activities.
6. Up-gradation of faculties through enhancement of their knowledge by training and interaction with industries with industries through seminars, educational tours, industrial visits etc.
7. To measure students performance level periodically through feedback reports and overall success in university and MSBTE Examinations.

Nature of Governance:

The top management including (Board of Trustees, Governing Council, 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 and goals put forth.

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

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response:

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

- Board of Governance
- Governing Council
- 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, and Local Management Committee) 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	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

Yes, the Institute has a formally developed quality policy articulated as follows:

SYCET aims at imparting quality education in the field of engineering and management to meet expectations of our stakeholders (students, parents, industries and society as a whole) with a focus on all round development of a student.

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 to document the Quality objectives, processes and standard forms and is in the custody of the Management Representative (MR). 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, and two senior faculty members. 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. The ISO certification body carries out a yearly surveillance audit of all the processes at SYCET.

File Description	Document
Upload any additional information	[View Document](#)
strategic Plan and deployment documents on the website	[View Document](#)
Paste link for additional information	[View Document](#)

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

Response:

The institute has well organized hierarchy at every level and in all departments.

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	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)
Link to Organogram of the Institution webpage	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: E. None of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Details of implementation of e-governance in areas of operation, Administration etc	[View Document](#)
Any additional information	[View Document](#)

6.3 Faculty Empowerment Strategies

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

Response:

The Institute offers welfare measures for teaching staff 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. Apart from that, paid leaves are provided to the teaching staff for their professional growth. The staff attends different types of workshops, seminars, conferences, course works, refresher programs etc in that leave period. Faculties have attended different career oriented programs in the state and at other places across the country through this welfare measure. It has facilitated the overall professional and teaching career growth of the faculties in the last consecutive years. It has also reflected in teaching and while interacting with the students by means of overall improvement in the faculties.

To support the teaching staff for their professional growth and to keep their morale high, another welfare measure undertaken by the Institute is funded training or programs for the faculties. Through these benefits faculties are supported by offering registration fees and few other benefits from the Institute side. In the last few years the Institute has paid such registration and other fees for attending the training, workshops, seminars and conferences.

In a view of offering security to the non-teaching 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 non-teaching staff. It has benefitted them in many ways in difficult situations.

The other welfare measure offered to the non-teaching staff is providing them with the Institute uniform.

File Description	Document
Upload any additional information	[View Document]
Paste link for additional information	[View Document]

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 0.76

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
00	1	03	0	0

File Description	Document
Upload any additional information	[View Document]
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	[View Document]

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 2

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

2020-21	2019-20	2018-19	2017-18	2016-17
00	04	00	05	01

File Description	Document
Upload any additional information	[View Document]
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	[View Document]

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 6.52

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

2020-21	2019-20	2018-19	2017-18	2016-17
6	7	13	9	05

File Description	Document
Upload any additional information	[View Document](#)
IQAC report summary	[View Document](#)
Details of teachers attending professional development programmes during the last five years	[View Document](#)

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

Response:

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, designed to capture 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. The 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	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The Institute has established mechanisms for conducting audits 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	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 0

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

05-07-2022 12:10:12

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	[View Document](#)
Annual statements of accounts	[View Document](#)

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

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 stakeholders 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	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

05-07-2022 12:10:12

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

Response:

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	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

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 (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives   )

Response:

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. Remedial lectures and make-up lectures (and/or practical sessions) are conducted as per requirement.

7. Assessment and review of academic performance of students.

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

9. Corrective action for non-performing students

10. Submission and scrutiny of performance appraisal of faculty and staff at the end of each academic year.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

6.5.3 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality intitiatives with other institution(s)**
3. **Participation in NIRF**
4. **any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

Response: B. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	[View Document](#)
Upload details of Quality assurance initiatives of the institution	[View Document](#)
Upload any additional information	[View Document](#)
Paste web link of Annual reports of Institution	[View Document](#)

Criterion 7 - 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 last five years.

Response:

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 and other related issues.

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, which continuously monitor the campus at various locations. The location of these CCTV cameras for vigilance of various activities in college is installed at prime location. College Entrance and Hostel is kept secured by sufficient security guards.

- Our College implements Teacher-Guardian scheme to counsel the students not only in academic but for their personal issues too. Counseling about gender sensitivity is also done by organizing guest lectures, seminars by eminent personalities.

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	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	[View Document](#)
Link for annual gender sensitization action plan	[View Document](#)

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. **Solar energy**
2. **Biogas plant**
3. **Wheeling to the Grid**
4. **Sensor-based energy conservation**
5. **Use of LED bulbs/ power efficient equipment**

Response: D. 1 of the above

File Description	Document
Geotagged Photographs	[View Document](#)
Any other relevant information	[View Document](#)
Any other relevant information	[View Document](#)

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

- **Solid waste management**: Pollution from waste is aesthetically unpleasing and results in large amounts of litter in our communities which can cause health hazards. Each of the stake holders of the college has appropriated their own set of solid-waste management practices as per their convenience, requirements, and availability of resources. In college campus different location dustbins have been placed at different departments. This ensures that solid waste is segregated at the source. It is also ensured that the recycling of all these components is done at minimum cost and labour. Suitable techniques are applied for disposing of solid waste. The garbage generated is preferably treated at the site of generation. The college has organized Swach Bharat Abhiyan. People from different walks of life delivered their talks about the proper usage of waste. Moreover, the NSS volunteers have also demonstrated the proper procedure of disposing the waste in a selected village.
- **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. Due to this shortage of water problem of our Institute is solved.
- **E-waste management**: E-wastes are generated from computer laboratories, electronic lab and Administrative Offices. The e-waste includes out of order equipments or obsolete items like lab instruments, circuits, desktops, laptops and accessories, printer, charging and network cables, Wi-Fi devices, cartridges, sound systems, display units, UPS, Biometric Machine, scientific instruments etc. All these wastes are put to optimal use. All such equipments which cannot be reused or

recycled are disposed off through authorized vendors. 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. The college is trying to get in touch with the top level administration and their support to ensure that the waste is properly recycled. An overview is done every week to identify where the recyclable materials are generated in order to place the bins efficiently for recycling. Moreover, the college is also looking for the possible substitutes to deduce the waste to the best possible extent.
- **Hazardous chemicals and radioactive waste management:** In our Campus like other entities that generate and manage hazardous wastes, is faced with a range of problems. Most of the departments do not generate hazardous waste and can be classified as conditionally exempt small quantity generators (generators 150 grams of hazardous waste per month). 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	Document
Any other relevant information	[View Document](#)
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	[View Document](#)
Link for Geotagged photographs of the facilities	[View Document](#)

7.1.4 Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: D.1 of the above

File Description	Document
Geotagged photographs / videos of the facilities	[View Document](#)
Any other relevant information	[View Document](#)
Link for any other relevant information	[View Document](#)

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**

3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

Response: C. 2 of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document
Link for any other relevant information	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions / awards**
5. **Beyond the campus environmental promotion activities**

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Certificates of the awards received	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

1. **Built environment with ramps/lifts for easy access to classrooms.**
2. **Divyangjan friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**
4. **Assistive technology and facilities for 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**

Response: C. 2 of the above

File Description	Document
Policy documents and information brochures on the support to be provided	[View Document](#)
Geotagged photographs / videos of the facilities	[View Document](#)
Details of the Software procured for providing the assistance	[View Document](#)
Any other relevant information	[View Document](#)
Link for any other relevant information	[View Document](#)

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 500 words).

Response:

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.

Teachers deliver lectures with an acceptance and appreciation for different ideas, opinions, and learning styles of the students and make an earnest effort to understand the social and cultural characteristics of students.

Along with curriculum, additional communication and soft skills classes are conducted to make the students from different backgrounds communicate effectively.

Industrial visits expose students to the practical challenges and also make the students from different backgrounds adapt to one another to create a tolerance and harmony in the organization.

During national festivals and other events of the college, eminent personalities are invited to emphasize the importance of tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities

NSS activities of our institution mitigate the socioeconomic diversities and progress them towards leading to a tolerant and harmonious living.

Cultural committee, through various clubs organizes plays, skits, competitions and invited lectures, educates the students and makes them aware of their social responsibilities and understand the implications of their actions. In cultural programs, traditions of various regions are respected.

Students are involved and encouraged to participate in various co-curricular and extracurricular activities to make them mingle with one another and share their opinions and disagreements in a harmonious manner.

Tolerance and harmony towards regional, linguistic diversities:

The institute maintains and always supports for holistic culture in the campus. Some of the Non-Maharashtra students also took admission and successfully completed graduation.

The institute has residential facility in campus with hostels that made the student's culture all inclusive and supportive to each other.

Currently, majority of faculties are from Maharashtra-Aurangabad district and from other districts. It creates well comprehensive culture among the faculties.

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.

Majority of students are from rural families and they require extensions in paying fees. The institute allows such type of students to pay fees in instalment.

Right from the establishment of the institute, the dress code is adopted to avoid social and economic disparity.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)
Link for any other relevant information	[View Document](#)

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

India is a vast country with many languages, subcultures, religions and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race sex.

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.
- The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules.

- The institute conducted awareness programs and circulars on ban on plastics, cleanliness, Swachh Bharat etc. For involving students.

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.
- Independence Day, Republic day are celebrated every year with grand auspicious function and faculty, staff, students attends it.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	[View Document]()
Link for any other relevant information	[View Document]()

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.

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

Response: E. None of the above

File Description	Document
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 Document](#)
Code of ethics policy document	[View Document](#)
Any other relevant information	[View Document](#)

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

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.

Faculty coordinator of student association and student president is member of central cultural committee. Event calendar is prepared at the start of each semester and events are assigned to the departments in which one department to lead the activity and other department to participate.

Republic Day and Independence Day: Every year the Institution celebrates Republic Day and Independence Day hoisting the national flag by Chief Guest of the Programme and presents medals and certificates to the students for their best performance. Students and staff salute the flag and then sing the National Anthem.

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.

International Yoga Day: International Yoga day is celebrated on 21st June every year in the campus. The sessions include orientation on Yoga, its mental and physical benefits and actual performance of some yoga asanas.

File Description	Document
Link for any other relevant information	View Document
Link for Annual report of the celebrations and commemorative events for the last five years	View Document
Link for Geotagged photographs of some of the events	View Document

7.2 Best Practices

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

Response:

Best Practices 1: Soft Skills and Personality Development Program

Objectives of the Practice:

- To enhance employability of the student and prepare him/her to face competitive environment.
- To train the students in the fields of soft skills, communication skills, intrapersonal skills and preparing them to face interviews for better placements.
- Involve the student's right from first year till final year to understand the importance of career building, industrial jobs and entrepreneurship.

The Context:

In today's competitive age where a large number of professionals are passing out from various institutes and looking for the jobs, the recruiters have an upper hand in selecting the best people who fit their requirements. This competition for the jobs has given the recruiters a chance to filter the job aspirants by means of different interview techniques which enable them to test the other skills of the students along with the technical competency. Hence, it is necessary for the students to know the latest technical developments happening and work culture adopted in the industry. This helps to bridge the gap between Industry and academia.

The Practice:

The Institute being located in rural area has students with different educational and cultural background. Soft Skills and Personality Development Program (SSPDP) is for all courses at the Institute and designed by considering the needs of the students required to fulfill the demands of corporate world. The program is well designed, which enables students to develop different soft skills like Communication Skills (Listening, Speaking, Reading and Writing), Leadership, Team Work, Time Management etc. In addition, activities like role plays, group discussions, mock interviews etc. are also conducted for students in order to give them first-hand experience on recruitment techniques used by various renowned companies for recruitment purpose. We conduct special classes for the students from regional mediums in order to improve their knowledge of English language and to make them competent in using the language effectively and efficiently. Institute gives a chance to the students to learn beyond the classrooms by engaging with various people on different platforms. We do not believe in learning only within the four walls of a classroom. Personality development is the skill which cannot be acquired just by learning in the class but more experience on the practical learning. The following types of activities develop the personality of students in a way so that they learn presentation skills, convincing and marketing skills. It is regular a movement of multi-dimensional personality development through innovative programs arranged at various locations.

Rubicon's "Connect with Work" Program, supported by Barclays aims at improving the employability skills of the youth. This initiative is supported by Barclays. Under this program students were trained by Corporate Trainers to enhance their Life-skills which would help them significantly to increase their chance of succeeding in a job interview. In the Life Skills training, topics like Organizational Structure, Public Speaking, Presentation Skills, E-mail Etiquette, Grooming, Group Discussion; Personal Interview were covered.

Problems Encountered:

- English communication and writing ability of the students from rural areas.
- Adjusting the trainings and workshops in regular schedule.
- Less Awareness among students about training programs.

Resources required:

- Management support: Without Management's involvement and support, the best practices cannot be implemented.
- For success of such practices attitude and willingness on the part of the facilitator is required without which it is difficult to motivate students which is the target audience of the Institute.
- Degree of motivation required in the minds of the students which can result in success of such practices.

Evidence of Success:

- Output is assessed through scrutiny of results, placement records.
- Improved communication skills and confidence among the students.
- Student performance in On Campus and Off Campus placement has been enhanced.
- Student performance in technical skills and HR interview has been improved.
- Participation of students has increased.

Best Practices 2: Teacher Guardian Scheme

Objectives of the practice:

Improvement of teacher-student relationship Counseling students for solving their problems and provide confidence to improve their quality of life. Guiding students to choose right career path for job, higher studies, Entrepreneurship, etc.

The Context

The following are the issues which motivated the college to implement the mentoring system. The pressure to perform in current competitive world and to face the challenges of the society, students needs mentoring support to achieve academic excellence.

The scheme aims at addressing conflicts in attitudes, habits, and knowledge of the students towards learning practices. Many other supporting methods have been introduced for better coordination of lectures, tutorials and practical classes. Advanced tutorials are arranged by the mentors in association with the respective subject teachers and experts who focus on problem-based learning of modern technology. Towards the end of semester, students work collaboratively on assignments in small groups in their practical classes.

The Practice

The Practices that may be unique in the higher education and constraints or limitations faced during their implementation are described here. Record Sheets have been introduced as a record keeping document for the students under the mentors for monitoring and analysis of the practice on regular basis.

Batches of 15 to 20 students are allotted to a mentor. Each Teacher-Guardian maintains the record sheets of allotted students. Teacher-Guardian has direct communication with the Class Representatives (CR).

The Teacher-Guardian meet the students associated with them once in a fortnight, The Parents/Guardians of poor attendee/performance students are called to meet the mentors and corrective and preventive measures are implemented for further improvement.

The Teacher-Guardians take initiative to arrange remedial and tutorial classes for slow learners. Each Teacher-Guardian maintains the entire student Information, which is examined by the HOD and others concerned when necessary.

During feedback given by the students Teacher-Guardians take active initiative to arrange the same. Teacher-Guardian meets with each group during the semester to discuss academic and non-academic issues.

- The issues include:
- Good and bad study habits

- Study planning and techniques
- How to make the most of lectures and practical classes useful
- Distractions if any and how to cope with them
- What to do when things go wrong
- Examination preparation Health issues, etc.

The meetings also provide the students with a forum for discussing their own experiences and ideas, fostering networking and mutual support within the class. In addition, Teacher-Guardians are available even after the college hours, so that students could consult them individually regarding exigencies they might encounter. Such consultations remain confidential on case basis.

The Institute regularly arranges mentorship awareness program, mainly for newly recruited faculty members.

Evidence of Success

- Evidence of success in performance against targets and benchmarks and Review of results given below
- Student's attendance had improved after counseling by the mentors.
- The direct communications between mentor and students have nurtured the teacher-student relationship.
- Academic performances of the students have improved.
- Participation in extra-curricular activities has been enhanced.
- Students become more disciplined compared to their initial sessions.
- During last few years, the Mentors have taken active initiatives and have prohibited ragging completely in the campus.

Problems Encountered and Resources Required

There are some problems identified and resources provided to implement the practice. These are:

- The newly recruited faculty members who are not accustomed with the culture and instinct of the mentorship scheme are separately educated by the institute to get involved in the mentorship scheme in the right direction.
- Apart from regular theory and practical classes, allocating sufficient time for one to one student interaction through mentorship program sometimes becomes a constraint for the faculty members.
- However, the institute encourages and appreciates such activities through the annual appraisal of the faculty members.

Financial budgetary requirements has been planned to organize workshops by hiring external experts in the subject of mentorship, organizational behavior and stress management on regular basis.

Best Practices 3: Strengthening of Student Support and Welfare through

1. **Industries live Projects in association with GIZ, MSME & MASSIA.**
2. **SAE BAJA National Level Event.**

3. **SAE INDIA TIFAN National Level Event.**
4. **TATA Ready Engineer Program and inplant training.**

Objectives:

MSME-INNO Project to improve the innovation capacity of small and medium enterprises through collaboration and cooperation of innovation eco system players. To simulate real-world engineering design projects and their related challenges

- To add value to the student performance by enhancing their practical knowledge.
- To develop managerial capabilities through project management.
- To develop holistic approach for the engineering problems by practicing time management.
- To make students 'Industry-Ready' by training them on engineering fundamentals & concepts, applications & contemporary technologies and soft skills to enhance their awareness, expand their industry connect & in process increase their employability.

The Context:

- This Industry Academia Collaborative model intends to facilitate interaction and cooperation between MSMEs and academia on real life cases, live short term project ideas that aim to further develop any specific problem of an industry or industries. These projects help students apply their knowledge and gain practical industry experience.
- Through SAE BAJA event the students must function as a team to design, build, test, promote and complete a vehicle within the limits of the rules, to generate financial support for their project and manage their educational priorities.
- TIFAN SAE INDIA After a lengthy investigation of farms in various parts of India, it was discovered that lowering the manpower cost of onion harvesting is a difficult task. Working manually on onion harvesting is difficult for handicapped farmer. To boost productivity, the proposed self-propelled onion harvesting system can reduce the farmer's labour and time.
- TATA Technology has provided a platform of 'I GET IT' website, where enrolled student can find all the material available. Every module is provided in the fields like Design and Development, Die Design, Fixture Design, so the TATA RE course ensures that a student will become READY for industry in all the aspects.

The Practices:

The project team works closely with the respective MSME to produce some innovative and low-cost solutions to the difficulties. Each solution was developed in close consultation with the relevant MSME. Project progress has been tracked by a GIZ-appointed consultant and the respective MSMEs through biweekly meetings with project teams. After the college and MSME agree on the solution produced by the project team, the cost of project implementation is borne by the respective MSME.

For SAE BAJA event the teams need to build a simple all-terrain vehicle for recreation purpose that is aesthetically and ergonomically sound while still being a fun and durable machine in the real world conditions. The evaluation process for the BAJA SAEINDIA is a two round process and students have to clear the Virtual Baja preliminary round before they start manufacturing their vehicle for the main events. We have participating groups every year. SAE members develop the car and compete in the events. Many students are attracted to our institute owing to encouragement of ours to this activity. Many passionate students have been appointed by different automotive companies. It's a demonstration of creativity, engineering expertise and engineering skills by a group of passionate students.

It was Ease of automatic packing and onion collection for the SAE INDIA TIFAN National Level Event. For digging systems that use vertical rack and pinion mechanisms, an adjustment mechanism is used to attain the appropriate depth. The steering is implemented on the front tire for better steering. The onion is windrowed and then collected in a sack bag using a bucket elevator. We intend to use a touch screen pad to mobilize our proposed vehicle for one-handed (handicapped) people.

For TATA Ready Engineer Program Students learn from industry experts and receive certification from TATA Technologies; Students improve their soft skills as well as their technical acumen through online video courses delivered by industry specialists with over 15 years of experience. This enables students to gain the soft skills essential for an engineer's professional ethics in the industry. The CAD/CAM Laboratory in the Department of Mechanical Engineering provides hands-on training with the CATIA v5 software.

For inplant training scheme all departments encourages the faculty members & students to visit the industry/ academia during vacation to learn the latest technology available which can be used to improve the research skill and enhance the potential of faculty members & students. MOUs have been signed between the College and various industries/academia to carry out the research and consultancy activities.

Evidence of Success:

After successfully completing the projects, the participating students and faculty mentors gain knowledge about the various interventions and tools to improve the innovation capacity of small and medium enterprises through collaboration and cooperation of the innovation eco system (MSME-INNO). Strengthening Student Support and Welfare through SAE BAJA National Level Event After the project activity was completed successfully, the participating students and faculty mentors were given e-certificates as a token of appreciation. TATA ready Engineer Program When the program is successfully finished, the certificate is given to the participating students and faculty as a token of appreciation and achievement. We finished third at the national level for the second year in a row in 2019.

Under inplant training program the result is many of the industries approach for the projects as well as the industrial person come for the discussion with the students by this activity. Students take the benefits of the same for their futuristic development and project selection

Many industries are helping for the project selection as given below.

1. ZEN EVENTS & PROMOTIONS

2. METRO FIRE SOLUTIONS

3. CAD/ CAM Tool Room, Plastic Processing & Testing, Aurangabad

4. UDEMY ACADEMY

5. INTERNSHALA TRAININGS

6. NPTEL Course

Problem encountered and Resources required:

Financial support was given by the GIZ for purchasing materials, required physical tools to make the prototype of the project or materials to make the project complete. For SAE BAJA National Level Event the main problem which the team faced was the testing of the vehicle, Weight reduction, Cost reduction, Manufacturing precision, Procurements, and Sponsorship. Due to continuous evaluation process students gets less time for curricular /extracurricular activities. Less time for faculty to concentrate on research activities and administration work. The Year 2019-20 was more or less eclipsed by Covid-19 pandemic; therefore the planned activities could not be conducted. Therefore the students could not participate. These types of events are the biggest motivation for other non-participating students to think out of the box and apply the theoretical knowledge in real life.

For TATA Ready Engineer Program the hands on training session require Computer Laboratory (CAD/CAM Laboratory) and CATIA v5 software which is installed at the CAD/CAM Laboratory in the Department of Mechanical Engineering. For Research projects under inplant training program The faculty members are finding it difficult to find the time to carry out independent research due to their academic commitment. Financial support from external funding agency is required.

File Description	Document
Link for Best practices in the Institutional web site	View Document
Link for any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Many faculty members have attended seminars, workshops, FDPs trainings etc.

Increasing internationalization in teaching is strongly supported by the Indian education sector and is considered vital for Indian institutions in developing India's capacity in research and innovation, driving up India's institutional ranking and increasing the quality of teaching and learning. Thus, enhancing the academic and intellectual environment in the institutions by providing faculty members with ample

opportunities to pursue research and to participate in seminars / conferences / workshops. This has become vital for developing nations like India. Higher education institutions are starting to adapt themselves and demand from students enrolled for skills. In our college all departments of engineering aims in equipping faculty members with required skills and industry exposure to make the industry ready graduates. The aim of Faculty Development Program (FDP) is attaining sustainable development and achieving higher growth rates which can be enabled through creation, transmission and dissemination of knowledge. Our department faculty members are actively participating in FDPs, Seminars workshops / Short term courses etc. with high interest. Faculty members prefer to attend FDP, Seminar, and Workshop etc. at reputed institutes such as Aurangabad, Pune and Mumbai etc.

Marathwada Job Fair

In our institute, we organize "Marathwada Job Fair", in association with MSSIA and CMIA. Job fair provides common platform for job opportunities to students for every class of society [Diploma of all branches, degree of all branches, ITI of all treads, B. Com, B. Sc. and other educational background]

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.

Campus placements provide the students with a foot-in- the-door opportunity, enabling them to start off their career right after they have completed their course curriculum. Furthermore, they get to interact and engage with the industry professionals during the placement drives, which further help lay a foundation for their prospective career in the future as they familiarize with potential contacts from their chosen career field.

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.

And it is rightly so, if a student is paying huge amount of parents' hard-earned money as fees to the institutes/universities, he/she has the right to calculate the rOi (return on investment), which in this case is a lucrative job. Our institute has focus on bridging the gap between the right candidate and the right job. We focus on placing the candidates who are ready and eligible for the role.

College team "SHREEYASTRA" participates in national level vehicle competition. SAE- BAJA held at IIT, Ropar, Panjab, and ranked 6th.

BAJA SAE INDIA is a student level competition that has its roots outside India. BAJA primarily focuses on out-of-classroom-education system, in which engineering students from all over India participate as a team. The goal of each team is to design and build a prototype of a rugged single seat, off-road four-wheel vehicle that has to go through multiple tests and then compete in the endurance race. The event was started originally in the USA by the SAE International and it was known as the MINI BAJA. India saw the launch of the event in January 2007. Since last five years, Mahindra has been the title sponsorer for the event. Our students have participated in this competition and launched our own created vehicle.

College team "SHREEYANTRA" participated in national competition for onion harvester organized by John Deer, Pune.

TIFAN is organized by SAE off-highway board at pan India level. TIFAN is being organized annually with a new Real Challenge Theme every three years since 2018. The problem statement / challenge is related to farm operation related to Land Preparation, 'Intercultural operation' & 'Crop harvesting'. The competition is being held in 2 stages viz: Virtual round and Final round. Up-gradation of complexity for second year of theme as per evaluation criterion was Innovation, Productivity, Efficiency, Fuel Economy, Cost and Ease of Operation. TIFAN– Technology Innovation Forum for Agricultural Nurturing is organized by SAE off-highway board along with John Deere, Cummins, Mahindra& Mahindra, BKT, Altair, Ansys, ARAI, Kirloskar and many other leading OEMs. We have successfully participated in this program.

During the Covid pandemic, our college team donated food packages to those in need through the public and social relations department.

The fight against the corona pandemic is a major challenge for the world. The situation for people in poor, heavily populated or war-torn countries has become increasingly difficult: Many people are losing their jobs; families are without food and there is no end in sight. For this reason our college decided to donate some food packages to poor and needy people.

Enhancing the skills of third year mechanical engineering students through TATA Ready Engineer Program

TATA Technology is providing e-Learning material. This e-Learning material consist Recorded Video Lectures, Animations, Quizzes, etc. All the software's are divided into different modules and domains as per the software structure. TATA Technology has provided a platform of 'I GET IT' website, where enrolled student can find all the material available. Every module is provided for fields like Design and Development, Die Design, Fixture Design, Formability, BIW (Body in White) fixture Design.

At first TATA RE course was only about the software modules, since 2018-19 TATA Technology has included Soft skill training, Employability Tests and NPTEL courses. So the TATA RE course ensures that a student will become READY for industry in all the aspects. To make students 'Industry-Ready' by training them on engineering fundamentals & concepts, applications & contemporary technologies and soft skills to enhance their awareness, expand their industry connect & in process increase their employability.

File Description	Document
Link for appropriate web in the Institutional website	[View Document](#)
Link for any other relevant information	[View Document](#)

5. CONCLUSION

Additional Information :

1] Some of the faculties are appointed as members of board of studies and board of examinations in the university

2] Research center under Dept of Mechanical Engineering is established and approved by the Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

3] An application has been submitted to MSME for establishing Incubation center at the institute

4] The institute also has the center of European studies in collaboration with Edukerron International for supporting students in higher studies, internship and placement in aboard

5] The institute has green and eco friendly campus and still making continuous efforts to achieve carbon neutral campus by enhancing the number of tree plantation activities, using renewable energy sources, and filtering and reusing of water. Due to these activities ground water level is growing up yearly and purity of air is also augmented

6] Equity of access, equity of use, and gender equality are followed in the institute

7] Covid -19 vaccination camp is organized in the campus for students, teaching, non teaching staffs and common people

Concluding Remarks :

The institute's education policy is designed to focus on quality and excellence in education with the motto of "transforming students into Professionals". Teaching-learning has a great potential for the transmission of values and knowledge of civilization.

1. All the faculty members plan their curricular, co-curricular, and extra-curricular activities to fulfill academic goals.
2. The institute is actively dedicated and committed to provide quality education by adopting 'Outcome-Based Education (OBE) system and thereby the learners are ready to acquire skills required by industries.
3. The admissions to various courses are accomplished by the transparent seat allotment policies, rules, and procedures.
4. The faculties are always ready to learn novel methodology to deal with challenges. Thus, the lectures and class tests were conducted in online mode during the COVID-19 pandemic.
5. The faculty members are invigorated to augment their research skills by participating in conferences, webinars, FDPs and publishing research articles and patents.
6. The institute has collaborated with TCS, Indo-German Toolroom Aurangabad, GIZ, MASSIA, MSME, TATA READY Engineers, and many more industries for academic and placement activities.
7. The institute has infrastructure such as classrooms, laboratories, seminar halls, canteens, playgrounds, gym, transport and parking facilities.

8. The institute has ICT facilities, 400 plus computers connected with internet having the speed of 155 Mbps, and also has CCTV surveillances for security.
9. The teacher-guardian scheme is implemented to support, monitor the progress of students, and keep up an active interaction with them.
10. The institute has implemented the various scholarship schemes of state government and central government. It also provides free-ship, institutional merit scholarship, fees concession schemes for eligible and needy students to support economically weaker students.
11. The institute also organizes webinars, STTPs, expert talks, industrials visits and other value-added programmes for the all round development of learners.
12. The institute has an effective and efficient Governance mechanism which is closely synced with the institutional mission, vision and quality objectives.
13. The natural beauty is maintained and sustained by the institute by constructing environmentally friendly buildings, by using CFL/LED lightened through solar energy, by rain water harvesting etc.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
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 last five years** 1. **Academic council/BoS of Affiliating university** 2. **Setting of question papers for UG/PG programs** 3. **Design and Development of Curriculum for Add on/ certificate/ Diploma Courses** 4. **Assessment /evaluation process of the affiliating University** Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. Any 2 of the above Remark : The input is edited on the basis of supporting documents submitted by HEI.
1.2.2	**Number of Add on /Certificate programs offered during the last five years** 1.2.2.1. **How many Add on /Certificate programs are offered within the last 5 years.** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
03	08	05	03	05

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	2	0	0

Remark : The input is edited due to exclusion of courses less than 30 hours and exclusion of ineligible courses like Ready Engineer,SAE India TIFAN,BAJA SAEINDIA 2019,Rising Rhythm 2020 etc. |
| 1.2.3 | **Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years**

1.2.3.1. **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**
Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
340	228	167	115	36

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17

0	0	80	0	0

Remark : The input is edited due to exclusion of courses less than 30 hours and exclusion of ineligible courses like Ready Engineer,SAE India TIFAN,BAJA SAEINDIA 2019,Rising Rhythm 2020 etc.

1.3.2	**Average percentage of courses that include experiential learning through project work/field work/internship during last five years**
	1.3.2.1. **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
141	137	113	118	121

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
25	25	25	25	25

Remark : The input is edited because as per affiliating university curriculum data may be 25 each year.(4 per UG programme and 1 per PG programme)

1.4.1	*Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders*
	1) Students
	2)Teachers
	3)Employers
	4)Alumni

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: E. None of the above

Remark : The input is edited on the basis of supporting documents submitted by HEI.

2.4.2	**Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)**
	2.4.2.1. **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17

7	7	9	9	4

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
7	7	9	7	4

Remark : The input is edited due to exclusion of provisional certificates.

3.1.1	**Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)**

   3.1.1.1. **Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0.01100	1.68711	1.94100	0.13080	00

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : The input is edited because the metrics pertain to funding for research project and so funding for students projects and SAE TIFAN competition can not be considered.

3.1.3	**Percentage of departments having Research projects funded by government and non government agencies during the last five years**

   3.1.3.1. **Number of departments having Research projects funded by government and non-government agencies during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
01	05	05	02	00

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

   3.1.3.2. **Number of departments offering academic programes**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
06	06	06	06	06

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
06	06	06	06	06

Remark : The input is edited because the metrics pertain to funding for research project and so funding for students projects and SAE TIFAN competition can not be considered.

3.2.2 — **Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years**

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
17	24	20	37	22

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
5	7	6	9	6

Remark : The input is edited due to exclusion of ineligible workshops/seminars.

3.3.2 — **Number of research papers per teachers in the Journals notified on UGC website during the last five years**

3.3.2.1. **Number of research papers in the Journals notified on UGC website during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
07	15	28	16	29

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
03	7	11	7	10

Remark : The input is edited on the basis of non-submission of ISSN number of some papers,UGC CARE link for all the publications etc.

3.3.3	**Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years**

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 last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
03	04	05	02	13

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
02	02	03	01	6

Remark : The input is edited pro rata basis due to non-submission of ISBN number or submission with ISSN number and non-submission of details like authors' affliation with HEI etc.

3.4.3	**Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years**

3.4.3.1. Number of extension and outreached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
05	07	10	03	10

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
3	6	9	03	5

Remark : The input is edited due to exclusion of ineligible programmes.

3.4.4	**Average percentage of students participating in extension activities at 3.4.3. above during last five years**

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 last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
85	459	770	296	1252

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
52	417	722	296	978

Remark : The input is edited on the basis of exclusion of ineligible activities.

3.5.1	**Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year**

3.5.1.1. **Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
128	70	41	19	30

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : The input is edited because the HEI has not provided any collaboration documents.

3.5.2	**Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years**

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
02	06	01	08	06

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	05	01	04	01

Remark : The input is edited for exclusion of MOUs signed during June,July,2021 and MOUs for students/placement training on commercial basis.

4.3.3	**Bandwidth of internet connection in the Institution**

Answer before DVV Verification : A. ?50 MBPS

Answer After DVV Verification: E. < 5 MBPS

Remark : The input is edited because the bill is not in the name of HEI but in the name of 'SHREEYASH PRATHISTHAN' .

5.1.1	**Average percentage of students benefited by scholarships and freeships provided by the Government during last five years** 5.1.1.1. **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
1296	927	851	745	977 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
648	464	426	373	489 | Remark : The input is edited pro rata basis because the HEI has not submitted any sanction order and only a list of students benefitted is given.
---	---
5.1.2	**Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years** 5.1.2.1. **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
877	105	284	130	263 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
116	53	112	65	132 | Remark : The input is edited due to reasons as follows: 1)Students getting benefits under metric 5.1.1 can not get benefit again under metric 5.1.2. Further total of student under these two metrics can exceed total no. of student of the HEI for each year. So, no.of student for 5.1.2 will be initially for 2020-21=231,2019-20=105,2018-19=224,2017-18 =130 and 2016-17=263. 2) As the HEI has not submitted any sanction order but only a list of students getting benefit is given, this input is edited pro rata basis.

5.1.3	**Capacity building and skills enhancement initiatives taken by the institution include the following**
	1. **Soft skills**
	2. **Language and communication skills**
	3. **Life skills (Yoga, physical fitness, health and hygiene)**
	4. **ICT/computing skills**
	Answer before DVV Verification : A. All of the above
	Answer After DVV Verification: D. 1 of the above
	Remark : The input is edited on the basis of supporting documents.
5.1.5	**The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases**
	1. **Implementation of guidelines of statutory/regulatory bodies**
	2. **Organisation wide awareness and undertakings on policies with zero tolerance**
	3. **Mechanisms for submission of online/offline students' grievances**
	4. **Timely redressal of the grievances through appropriate committees**
	Answer before DVV Verification : A. All of the above
	Answer After DVV Verification: C. 2 of the above
	Remark : The input is edited on the basis of supporting documents submitted.
5.2.1	**Average percentage of placement of outgoing students during the last five years**
	5.2.1.1. **Number of outgoing students placed year - wise during the last five years.**
	Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
48	39	88	55	62

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
39	35	84	53	62

Remark : The input is edited for exclusion of appointment without offer letter.

5.3.1	**Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.**
	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) year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
00	00	03	01	03

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
00	00	02	01	02

Remark : The input is edited due to exclusion of certificates of inter-college activities.

| 5.3.3 | **Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)**

   5.3.3.1. **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**
   Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
01	17	15	06	25

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	2	2	2	9

   Remark : The input is edited on the basis of taking events with in week as one event and excluding ineligible activities. |

| 5.4.2 | **Alumni contribution during the last five years (INR in lakhs)**

   Answer before DVV Verification : A. ? 5 Lakhs
   Answer After DVV Verification: E. <1 Lakhs
   Remark : The input is edited because the documents are not in the name of HEI .Besides, the HEI has requested this metric as exempted. |

| 6.2.3 | **Implementation of e-governance in areas of operation**

   1. **Administration**
   2. **Finance and Accounts**
   3. **Student Admission and Support**
   4. **Examination**

   Answer before DVV Verification : A. All of the above
   Answer After DVV Verification: E. None of the above |

	Remark : The input is edited because because no valid supporting document is submitted. Besides, the The HEI has requested this metric as exempted.
6.3.2	**Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years** 6.3.2.1. **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
00	07	03	01	01 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
00	1	03	0	0	 Remark : The input is edited on the basis of cash vouchers submitted by HEI.
6.3.4	**Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).** 6.3.4.1. **Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
21	16	19	15	05 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
6	7	13	9	05	 Remark : The input is edited on the basis of exclusion of FDPs less than 5 days and also teachers attending multiple FDPs in a year counted as one.
6.4.2	**Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)** 6.4.2.1. Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0.25666	7.69541	3.51715	5.049	2.079

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : The input is edited because the grant received for providing facilities for conducting examination can not be considered as grant and also this income is not clearly reflected in the audited statement and so can not be considered.

6.5.3	**Quality assurance initiatives of the institution include:** 1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements** 2. **Collaborative quality intitiaves with other institution(s)** 3. **Participation in NIRF** 4. **any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)** Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. 3 of the above Remark : The input is edited on the basis of supporting documents submitted by HEI.
7.1.2	**The Institution has facilities for alternate sources of energy and energy conservation measures** 1. **Solar energy** 2. **Biogas plant** 3. **Wheeling to the Grid** 4. **Sensor-based energy conservation** 5. **Use of LED bulbs/ power efficient equipment** Answer before DVV Verification : B. 3 of the above Answer After DVV Verification: D. 1 of the above Remark : The input is edited on the basis of supporting documents submitted by HEI.
7.1.4	**Water conservation facilities available in the Institution:** 1. **Rain water harvesting** 2. **Borewell /Open well recharge** 3. **Construction of tanks and bunds** 4. **Waste water recycling** 5. **Maintenance of water bodies and distribution system in the campus**

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	Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: D.1 of the above Remark : The input is edited on the basis of supporting documents submitted by HEI.
7.1.5	**Green campus initiatives include:** 1. **Restricted entry of automobiles** 2. **Use of Bicycles/ Battery powered vehicles** 3. **Pedestrian Friendly pathways** 4. **Ban on use of Plastic** 5. **landscaping with trees and plants** Answer before DVV Verification : A. Any 4 or All of the above Answer After DVV Verification: C. 2 of the above Remark : The input is edited on the basis of supporting documents submitted by HEI.
7.1.7	**The Institution has disabled-friendly, barrier free environment** 1. **Built environment with ramps/lifts for easy access to classrooms.** 2. **Divyangjan friendly washrooms** 3. **Signage including tactile path, lights, display boards and signposts** 4. **Assistive technology and facilities for 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** Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: C. 2 of the above Remark : The input is edited on the basis of supporting documents submitted by HEI.
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.** 1. **The Code of Conduct is displayed on the website** 2. **There is a committee to monitor adherence to the Code of Conduct** 3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff** 4. **Annual awareness programmes on Code of Conduct are organized** Answer before DVV Verification : A. All of the above Answer After DVV Verification: E. None of the above Remark : The input is edited because the HEI has not submitted any valid supporting documents.

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of courses offered by the Institution across all programs during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
311	319	309	281	265

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
309	317	309	284	267

2.2	**Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
303	391	303	303	234

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
160	200	160	160	120

2.3	**Number of outgoing / final year students year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
353	294	382	286	500

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
338	211	302	269	438

3.1	**Total number of classrooms and seminar halls** Answer before DVV Verification : 31 Answer after DVV Verification : 26

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