



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	SHREEYASH PRATISHTHAN'S SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY
Name of the head of the Institution	Dr. R.S. Pawar
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02406608702
Mobile no.	9049989805
Registered Email	sycet@yahoo.com
Alternate Email	principal@sycet.org
Address	Gut No. 258(P) , Beed Bypass Road, Near SRPF Camp, Satara Parisar
City/Town	Aurangabad
State/UT	Maharashtra
Pincode	431010

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Vilas Wamanrao Patil
Phone no/Alternate Phone no.	02406608741
Mobile no.	9403760722
Registered Email	vilas.patil@sycet.org
Alternate Email	vb_patil27@rediffmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://sycet.org/images/general_data/aqar2017-18-pdf/
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://sycet.org/naac/aqar/calendar

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	C	1.79	2016	16-Sep-2016	15-Sep-2021

6. Date of Establishment of IQAC	30-Sep-2016
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
IPR, Patents, Copy Rights, Trade Marks	07-Sep-2019 1	55

Artificial Intelligence & Machine Learning	21-Jul-2019 1	47
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2019 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

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11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

1. Conducted academic and administrative audits by DBatu Lonare 2. Conducted academic and administrative audits by BAMU Aurangabad 3. Conducted academic and administrative audits by TUV NORD Certification, Pune 4. Interacting with Heads Faculty members of every department for maintaining and sustaining quality education 5. Attending FDPs on Innovative and quality Engineering Education 6. Conducted sports, culture and extra curricular activities for students 7. Organized personality development, research(SAE BAHA, TIFAN etc) programs for students.

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

Plan of Action	Achievements/Outcomes
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1.Up gradation of the technical skills of the faculties 2. Motivation to faculty members for attending the FDP 3.Motivation to faculty members to increase Industry Institute Interactions.	1.All faculty members undergone software trainings related to their concern branch. 2.Most of faculties carried out FDP 3.Most of faculties carried out Inpalnt trainings with students. Also MoUs are signed with the different Industries at Aurangabad MIDCs.
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
IQAC Committee	15-Nov-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

19-Jan-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)

ERP system :1] Lecturers Management [student attendance, update attendance, attendance report,Etc] 2] Performance Management [Lecturer plan,Teaching Record , Etc] 3] Reports [my time table,lecturer planing report,teaching record,detail attendance report, Etc] this ERP system is use full for monitoring the attendance of students, daily monitoring of the lecturers , daily DPR report. 3] Dell Plus information software regarding issuance and returning of library books from students and faculties.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

1 The institution follows the curriculum prescribed by the affiliating university, Dr. Babasaheb Ambedkar Technological University (DBATU) for First year, Second year . 2 The institution follows the curriculum prescribed by the affiliating university, Dr. Babasaheb Ambedkar Marathwada University (BAMU) for third year and Final year. 3 The institution develops action plans for effective implementation of the curriculum prescribed by BAMU & DBATU. 4 The academic audit committee is set up at institute level to facilitate curriculum planning, implementation, assessment and monitoring. 5 In the beginning of the academic year, the Principal prepares an academic calendar with the consultation of heads of various departments. 6 The time table for the class is prepared. 7 The activities like class test, practical examination, seminar, as planned in the academic calendar are monitored by HOD, Principal. 8 Course files and Lesson plans are maintained by each faculty for their respective subjects and they were reviewed on a continuous basis by the HOD , Principal. 9 The regular HODs, meetings and department meetings helps in taking suitable measures for the effective implementation of the academic process. 10 The syllabus, question papers, notes, NPTEL materials, PPTs, lab manuals for each subject are provided in the department.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
TATA Ready Engineer Program	certificate course	01/09/2018	6	Industrial Interface	Technical Knowledge

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	T.Y. final year Civil Engg., Mechanical Engg., Computer Science Engg., ETC Engg., Electrical Engg.	06/07/2018

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

	Certificate	Diploma Course
Number of Students	27	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
“Connect With Work” Rubicon Skill Development Pvt	25/10/2018	90

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Inplant training	243
BTech	GIZ Field Projects	55

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>1. Principal and HOD visit the various class rooms and interact with students, individual feedback from the students is taken in prescribed format, after receiving the feedback forms, discussion will be made on major issues immediately in the class room. Detailed summary report of the feedback is prepared by HOD and submitted to the principal with corrective actions taken.</p> <p>2. Class teacher will interact with Parent to get the Parents feedback. 3. TPO will get feedback from employers after Job fair or recruitment about his performance and scope of improvement. 4. Principal will take teachers feedback through HOD .</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
Mtech	F.Y. and S.Y. E&TC	36	1	1
MBA	F.Y. and S.Y.	120	66	66
BE	final year EEP	60	2	2
Mtech	F.Y. and S.Y. CSE	36	1	1
Mtech	F.Y. and S.Y. Mechanical	36	7	7
Mtech	F.Y. and S.Y. Civil structure	36	21	21
BTech	T.Y EEP	Nil	2	2
BE	Final year EE	60	52	52

BTech	F.Y.,S.Y. T.Y B.Tech EE	150	120	120
BE	Final year CSE	120	38	38
BTech	F.Y.,S.Y.and T.Y. B. Tech CSE	180	72	72
BE	Final year E&TC	120	21	21
BTech	F.Y.,S.Y.and T.Y. B. Tech E&TC	180	18	18
BE	Final year Civil	120	118	118
BTech	F.Y.,S.Y.and T.Y. B. Tech Civil	300	235	235
BE	Final year Mechanical	240	114	114
BTech	F.Y.,S.Y.and T.Y. B. Tech Mechanical	360	187	187
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	979	96	85	20	10

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
105	20	6	3	Nil	3
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The expected cognitive skills up to XIIth standard are different than those expected in Engineering. Up to XIIth standard, learning is focused on three basic cognitive skills, viz., Remembering, Understanding and Applying (Blooms Taxonomy). Engineering focuses on higher cognitive skills, viz., Analyzing, Evaluating and Creating. To train the students for these higher order skills, there is need of assessment of students at entry level. This type of assessment is done at the first year level, through the experts. Initially, a test is conducted which helps in

identifying the advanced learners and slow learners. Based on the test results, focused need based counselling is done for two different groups. In first year, students are also segregated according to their merit, based on Xth, XIIth, PCM marks and CET score. Direct Second Year admitted students are segregated according to their Diploma final year marks. Teacher guardian scheme is followed at institute to provide individual guidance. Institute communicates progress report of their ward to the parents. Library, internet facility and language lab for value addition. Special Programs for Advanced Learners: Student batches are formed in each class to enhance quality of the result. Subject wise meetings are arranged with faculty members to discuss critical concepts. In addition to two tests, prelim examination is conducted for all the students. NPTEL videos are made available for advanced learners. Video recording of difficult subjects are made available. These students are also motivated to pursue higher studies by conducting special GATE classes by inhouse faculty members and experts during vacations. During last year 01 student of Mechanical Engineering department had qualified in GATE exam. Soft Skills and Aptitude Training It is observed that student from rural area are good at technical knowledge but they lack in communication and aptitude skills. To enhance soft skills and aptitude skills of the students, during last year special training is given to the student for facing the aptitude test and the personal interview by industry experts. Communication and soft skill lectures were included in regular timetable for all department classes. Special Programs for Slow Learners called Remedial discussion: Slow learners are identified based on class test performance and their previous performance in exam based on results. Subject wise special discussions are conducted for such students in the evening for clearing basics and problem solving. Preliminary Examination based on University Question Paper pattern is conducted: For all the students Preliminary Examination will be conducted to enhance their university results. Final Year Projects and Mini projects and Project under GIZ and RedX Faculty visits industry and finds the problems faced by industry. The part of problem is given to students as final year project or mini project. Some projects are sponsored by industries. Society related problems are identified at departmental level. Numbers of problems related to Aurangabad Smart city are identified. Efforts are made to solve these problems through different project groups. Projects are assessed by Industry experts during project exhibition. Regular site, industry visits and industrial training are arranged.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1075	105	1:10

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
22	22	Nil	22	1

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.R.S.Pawar	Principal	Dewang Mehta national education award
2018	Dr.R.S.Pawar	Principal	Global Non Formal Learning Award [Youth Exchange]
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end

				examination
BE	Mechanical 211261210 , Civil 211219110 , Electrical 211229310 , CSE 211224210 and ETC 211237210	year	11/06/2019	29/08/2019
BTech	Mechanical 211261210 , Civil 211219110 , Electrical 211229310 , CSE 211224210 and ETC 211237210	year	06/06/2019	26/08/2019
BTech	E and TC	year	24/05/2019	25/07/2019
BTech	CSE 211224210	year	24/05/2019	24/07/2019
BTech	Electrical 211229310	year	27/05/2019	24/07/2019
BTech	Civil 211219110	year	27/05/2019	11/07/2019
BTech	Mechanical 211261210	year	24/05/2019	14/07/2019
BTech	Electrical 211229310, CSE 211224210 and ETC 211237210	year	23/05/2019	11/07/2019
BTech	Mechanical 211261210 and Civil 211219110	year	22/05/2019	11/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Reforms in Continuous Internal Evaluation System Reforms in Tests 1 Question bank is provided to students before tests. 2 Extra assignments are given to the low performing students. 3 ? In addition to two class tests, additional Preliminary Exam is conducted for all the students. Prelim papers are arranged after a gap of one days. Wellplanned study sessions are conducted for students during these one day. Respective subject teacher is available in the class. Students prepare for the subject and get the doubts clarified immediately from the teacher. This reform has helped to improve performance of students in internal as well as external evaluation. Reforms in Assignments: 1. Assignments are given to students for some subjects. 2. Some assignments are numerical orientated based on the application of the theory knowledge to inculcate the live project based learning environment to students. 3. Additional assignments including challenging questions are given to students in the form of Multiple Choice Question. Reforms in Journals: 1 Printed Journals are provided. 2 Printed journals also include conceptual questions which are based on the practical. 3 Journals are evaluated and graded every week. Reforms in Seminar Evaluation: 1. A Seminar diary, which includes entire schedule of seminar stages, is prepared and distributed amongst students. Seminar guide monitors and verifies the seminar completion status on weekly basis. Every month seminar review is conducted. Reforms in Industrial Training Evaluation: A faculty

mentor is assigned for each group. Mentor visits respective industry for a day during the training period. Evaluation of industrial training is done based on the report submission, mentor observations during training and presentation / viva. Reforms in Soft skills and Aptitude Assessment :For training the students in soft skills and aptitude, special training is given to the student for facing the aptitude test and the personal interview by industry experts in the institute. Profiling of each student is done at the end of preplacement workshop which is conducted for third year students in summer vacation. Proper guidance at all stages is provided through trainers for their improvements.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The academic calendar is prepared by Master Time Table In charge before commencement of the academic year. Academic calendar includes curricular activities to be conducted by the institute. Curricular activities such as schedule of class Test (I and II), internal practical oral exam, preliminary exam, Flag hoisting of Independence day and Republic day along with University Foundation Day are also included in the academic calendar. Training and Placement Officer, Cultural In Charge and respective departmental HODs prepared the cocurricular and extracurricular activities to be conducted by the institute such as project and seminar reviews, commencement of GATE classes, industrial training. In addition to all these academic activities, cultural, cocurricular activities such as Gathering, technical competition, NSS activities Class Tests: As a part of Continuous and internal evaluation, according to academic calendar, two tests are conducted in each semester after one month of college reopening. The gap of one day for each paper is provided and second test is conducted after one month of first class test. In second semester, two tests are conducted in the months of February and March. Practical Oral Exam: The practical oral examinations play a key role in assessing students skills acquired during practical sessions. The practical oral exams are conducted as per the schedule mentioned in academic calendar according to university guidelines in both semesters. Orientation Programs for the Students: In the first week of first semester for FE students, orientation programs are extensively conducted for all classes. This includes the orientation sessions by HOD, class coordinators, Principal, Training and Placement In charge and social and industrial training experts. Prelim Exam: The prelim exams are conducted after completion of syllabus at the end of each semester for all the students. These exams are conducted as per pattern of university exams. Time table is prepared with a gap of one day between two papers. Wellplanned study sessions are conducted during this period for students. Industrial Training: Students need to undergo 1530 days of industrial training after second year and/or in third year. Industrial training is scheduled in the month of December June of every year during vacation. Preplacement Workshop: For those students who opt for placement, wellplanned preplacement workshop is conducted by soft skill and aptitude trainers. The workshop comprises of three days soft skills training and three days aptitude training. Generally the pre placement workshop is conducted in summer vacation for prefinal year students.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://sycet.org/naac/agar/po-co-peo>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students	Number of students passed	Pass Percentage
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			appeared in the final year examination	in final year examination	
211210110	MBA	MBA	30	7	23.33
211219110	BE	Civil Engineering	89	67	75.28
211224210	BE	Computer Science & Engineering	29	19	65.51
211237210	BE	Electronics & Telecommunication Engineering	15	14	93.33
211229310	BE	Electrical Engg.	41	32	78.04
211261210	BE	Mechanical Engineering	97	54	55.67
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://sycet.org/naac/agar/sss>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1	SYCET : Tiffan	113000	113000
Minor Projects	1	GIZ :18 Projects	200000	200000
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Seminar on Android	Computer Science Engineering	08/02/2019
Expert lecture on Amazon Web Services	Computer Science Engineering	21/07/2018
Expert lecture on Android	Computer Science Engineering	07/08/2018
Expert lecture on Angular JS	Computer Science Engineering	27/08/2018
Expert lecture on Open	Computer Science	29/09/2018

Source Language	Engineering	
FDP Program on "Tips and Tricks in Research paper Writing"	Computer Science Engineering	01/10/2018
Falcon 9 by Space X	Mechanical Engineering	21/07/2018
HVAC	Mechanical Engineering	04/08/2018
Advanced Mechatronics	Mechanical Engineering	11/08/2018
HVAC	Mechanical Engineering	19/09/2018
TPM	Mechanical Engineering	16/10/2018
Soft Skill Development	Mechanical Engineering	02/02/2019
GATE awareness	Mechanical Engineering	12/02/2019
Case Study of Energy Conservation by Vedant Energy Solution, Aurangabad	Electrical Engineering	01/09/2018
Industrial Automation by Prolific System Technology PVT. LTD, Pune	Electrical Engineering	15/10/2018
Total Productive Maintenance by Badve Engineers, Aurangabad	Electrical Engineering	16/10/2018
Disruptive Technology by Vedant Energy Solutions	Electrical Engineering	13/03/2019
Banking	Electrical Engineering	25/03/2019
Life and Learning	ETC Electrical Engineering	05/04/2019
Expert talk on Embedded System	ETC Engineering	13/03/2019
Workshop on VLSI	ETC Engineering	26/09/2018
Expert Talk on "Digital Image Processing"	ETC Engineering	11/09/2018
Interlinking of river [Mr. Er.Arun Ghate)	Civil Engineering	21/09/2019
Expert talk on awareness of GATE	Civil Engineering	21/02/2019
Expert talk on Entrepreneurship Skills	Civil Engineering	01/10/2019
Constitution of INDIA [Mr. Ravi Fuke)	Civil Engineering	14/10/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
fundamentals of automobile engineering Design , Analysis and manufacturing	Akolkar, Bhal e,Narote,Dhage, Waghdare	TATA Technology PUNE	28/05/2019	hands on training

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
30000	00	00

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

Name of the Department	Number of PhD's Awarded
Mechanical	1
MBA	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Mechanical Engineering	5	2
National	Civil Engineering	7	2
National	Electrical Engineering	9	3
National	Electronics and Telecommunication Engg.	8	2
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Electrical Engineering	9
Mechanical	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Performance optimization of disc brake system using	Dr. R. S. Pawar	IJVS	2018	1	SYCET	1

TAGUCHI approach						
Enhancement of mechanical properties of composite materials in brake pad application	Dr. R. S. Pawar	JETIR	2018	0	SYCET	Nil
Optimization of process parameters affecting on spring back in V - bending process for high strength low alloy steel HSLA 420 using FEA (Hyper form) and Taguchi technique.	Dr. R. S. Pawar	IJAME	2018	2	SYCET	2
Performance Analysis of an Inverted Trapezoidal Flume shaped Photovoltaic Thermal System	K. T. Patil	Springer	2018	1	SYCET	1
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Performance optimization of disc brake system using TAGUCHI approach	Dr. R. S. Pawar	IJVS	2018	Nil	Nil	SYCET

Enhancement of mechanical properties of composite materials in brake pad application	Dr. R. S. Pawar	JETIR	2018	Nil	Nil	SYCET
Optimization of process parameters affecting on spring back in V - bending process for high strength low alloy steel HSLA 420 using FEA (Hyper form) and Taguchi technique.	Dr. R. S. Pawar	IJAME	2018	2	2	SYCET
Factors affecting on spring back in sheet metal - bending a review	Dr. R. S. Pawar	JPDQEST	2018	Nil	Nil	SYCET
Performance Analysis of an Inverted T rapezoidal Flume shaped Photovoltaic Thermal System	K. T. Patil	Springer	2018	Nil	Nil	SYCET
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	Nil	Nil	8
Resource persons	Nil	Nil	Nil	3

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
NSS Camp at Bhinda, Taluka Aurangabad	NSS	5	75

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	Nil

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

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Gender Issue	SYCET	Expert talk on Gender Sensitization	7	67
Women's Grievance Cell	SYCET	Women's fitness Diet	4	125
Women's Grievance Cell	Trainers of Savitribai Phule Mahila Ekatma Samaj Mandal, Krida Bharati Institute.	Self Defence Training by Mission Sahasi	5	50
Women's Grievance Cell	Sahyog Foundation	Awareness programmes promotions for Eco friendly products sanitary napkins	4	143
Women's Grievance Cell	SYCET	Adolescent Health Hygiene	4	110
Tree plantation	SYCET	Plantation of seeds through drone	10	67

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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research Proposal	2	Dr. Babasahab Ambedkar Technological University lonere	730
Research Proposal	2	Dr. Babasahab Ambedkar Technological University lonere	730
Suryamitra [Development of skilled manpower regarding solar PV systems]	84	M /s MITCON Consultanry Engineering services Ltd,	365
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industrial Visit.	Field trip	HPS Paithan , Aurangabad	11/04/2019	11/04/2019	56
Industrial Visit.	Field trip	Chetan trans Electrical MIDC	09/04/2019	09/04/2019	26
Industrial Visit.	Field trip	Electronica Plastic Machines Limited Pune	09/04/2019	09/04/2019	15
Industrial Visit.	Field trip	BANC BRIDGE SOFTWARE	05/04/2019	05/04/2019	46
Industrial Visit.	Field trip	CIPET, Aurangabad	12/04/2019	12/04/2019	40
Inplant training	Industry Institute Interaction	IT Corner	15/12/2018	30/12/2018	10
Industrial Visit.	Field Trip	Government Institute of Forensic Science, Caves Road, Aurangabad.	04/09/2018	04/09/2018	60

Inplant training	Industry Institute interaction	Shrinivas Associates, Aurangabad	15/12/2018	01/01/2019	120
Inplant training	Industry Institute interaction	Public works development	17/12/2018	31/12/2018	7
Inplant training	Industry Institute interaction	A. S. Builder	17/12/2018	05/01/2019	12
Industrial Visit.	Field Trip	Sugarcane factory	06/02/2019	06/02/2019	55
Inplant training	Industry Institute interaction	MHAHATRANS CO.	15/06/2019	21/06/2019	2
Inplant training	Industry Institute interaction	Anjali Electricals, N2, CIDCO, Aurangabad	01/06/2019	15/06/2019	1
Inplant training	Industry Institute interaction	Sai Industries	01/06/2019	30/06/2019	1
Inplant training	Industry Institute interaction	STELMEC LTD	21/06/2019	10/07/2019	1
Inplant training	Industry Institute interaction	Codevisor	18/12/2018	18/01/2019	2
Inplant training	Industry Institute interaction	Digitize IT Station	18/12/2018	18/01/2019	2
Inplant training	Industry Institute interaction	Santosh Markad Patil Waterproofing Contractor	16/06/2019	10/07/2019	4
Inplant training	Industry Institute interaction	K.K.Associates	17/12/2018	31/12/2018	15
Inplant training	Industry Institute interaction	Shrinivas Vastunirman	16/06/2018	10/07/2018	50
Inplant training	Industry Institute interaction	TTT, Spoken Tutorial	15/12/2018	30/12/2018	6
Inplant training	Industry Institute interaction	Pranav Engineering work	10/06/2019	10/07/2019	1
Inplant training	Industry Institute interaction	Pranav Enterprises	01/06/2019	25/06/2019	1

	interaction				
Inplant training	Industry Institute interaction	Rohit Electricals	10/06/2019	01/07/2019	1
Inplant training	Industry Institute interaction	Shubham Electricals	14/06/2019	15/07/2019	1
Inplant training	Industry Institute interaction	SAMIDHA ELECTRICAL CORPORATION	10/06/2019	10/07/2019	1
Inplant training	Industry Institute interaction	MAHAVITRAN	01/06/2019	30/06/2019	1
Inplant training	Industry Institute interaction	MAHAGENCO	16/06/2019	30/06/2019	1
Industrial Visit.	Field trip	Jayakwadi dam, Paithan	10/03/2018	10/03/2018	80
Industrial Visit.	Field trip	WALMI, Aurangabad	16/02/2019	16/02/2019	100
Industrial Visit.	Field trip	Visit to University for Road Pavement Construction Work	11/10/2018	11/10/2018	65
Industrial Visit.	Field trip	National Agro Exhibition	04/02/2019	04/02/2019	34
Industrial Visit.	Field trip	Construction Building of SYCET (BMR)	14/02/2019	14/02/2019	120
Industrial Visit.	Field trip	Tiny Industries, Aurangabad	08/08/2018	08/08/2018	40
Industrial Visit.	Field trip	Sanjeev Auto Ltd, Aurangabad	10/09/2018	10/09/2018	40
Industrial Visit.	Field trip	LESER India Pvt. Ltd, Aurangabad	20/10/2018	20/10/2018	25
Industrial Visit.	Field trip	Rucha Engineers Pvt Ltd, Aurangabad	09/02/2019	09/02/2019	20
Industrial Visit.	Field trip	Aurangabad Dist. Coop Milk Producer	14/03/2019	14/03/2019	50

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
GIZ	27/09/2018	Industry problem solution by students through industry projects	55
Ready TATA Engineers	23/02/2018	Agriculture Equipment [Onion harvesting m/c]	25

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
100	111

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
DELPLUS	Partially	2.0	2015

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
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Text Books	18724	5721009	53	22965	18777	5743974
Reference Books	1770	850700	31	19259	1801	869959
Journals	70	190932	78	208149	148	399081
e-Books	Nil	Nil	1672	Nil	1672	Nil
e-Journals	480	13570	38891	72216	39371	85786
Digital Database	1180	25000	1180	25000	2360	50000

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	Nil
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	468	13	100	0	1	1	7	100	0
Added	0	0	55	0	0	0	0	55	0
Total	468	13	155	0	1	1	7	155	0

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

155 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
180.13	210.54	49.35	42.53

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Library procedure: The library collects duly filled recommendation form from the departments for purchasing books. 1.The book which are already available and the books of which sufficient number of copies are present in the library are eliminated from the recommendation list. 2. Quotations are called from at least 23 reputed suppliers and the quotations are discussed and compared by the principal. Final order is ordered to the supplier whose quotation is approved in meeting. 3.A copy of order is submitted to the accounts section for their records. Procedure for It Maintenance: System administrator and Technical assistants are working in CSE Department. 1.The task of system administrator is to establish and maintain IT infrastructure in the campus. 2.Computer systems in the college are connected with LAN connectivity. 3.Licensed softwares and open source tools are available as per requirement. 4.Inspection and servicing activities are being carried out once in semester. 5.If the IT related equipments are not working properly then concerned person should report to the Principal through HOD then complaint is forwarded to CSE department. 6.The complaint will be resolved on urgent basis. Procedure for Civil Infrastructure Maintenance: Housekeeping and Gardening 1.Supervisor is appointed in our institute for cleanliness and it is maintained with the help of separately recruited housekeeping staff. 2.Each housekeeping staff cleans his assigned area twice a day. 3.Six gardeners are recruited to take care of the lawn in the campus. 4.Lawn and nursery is maintained on STP Water. Other Maintenance 1.Admin officer is appointed to take care of routine maintenance of infrastructure and furniture in lab 2.In case any requirement or maintenance related issue, Lab in charge/ HOD forward application to Admin officer (Director), after verifying and identifying necessary action for repair or replacement, he gets task completed 3.Lab equipments are being maintained with proper maintenance schedules, Breakdown, Routine and planned maintenance Classroom Furniture 1. As per need some classrooms are equipped with projector to facilitate use of modern teaching aids. 2. For any additional requirement in furniture (benches, table, chair) HOD forward application to Director for approval. Buildings Roads 1.Maintenance procedure: Periodically all the buildings are inspected and repairs are carried out as per the maintenance budget. 2.All the buildings are painted once in two years with quality paint. 3.Wall cracks and roof cracks are to be identified and filling will be done by using suitable materials. 4.All the roads are maintained whenever needed. 5.Greenery (Lawns, Plants Trees) Stretches are maintained inside the campus.

<http://sycet.org/naac/aqar/lib-procedure>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	SCHOLARSHIP	284	4845330
Financial Support from Other Sources			
a) National	Minority Scheme	4	120000
b) International	NIL	Nil	0

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved

Language lab	25/08/2018	504	Orell Technosystem Pvt.Ltd
Soft Skills and Personality development	25/10/2018	90	Rubicon
Yoga meditation	02/08/2018	68	SYCET
Remedial coaching	04/04/2019	9	SYCET
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	GATE classes	18	Nil	1	Nil
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
6	343	44	5	162	42
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.E.	Mechanical	SYCET	M.Tech
2018	1	B.E.	Mechanical	VJTI	M.Tech
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Nil	Nil

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

Activity	Level	Number of Participants
Swimming [200 meter]	College level	1
Swimming [100 meter]	College level	1
triple jump	Dr.BATU Inter college competition	1
long jump	Dr.BATU Inter college competition	1
Birla A1 Engineers Marathon 2018	college level competition	1

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
Nil	NIL	Nil	Nil	Nil	Nil	Nil

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The institute has student council in each academic year. The eligible students are selected (the criteria been good academics) via interview for each post the council consists of 1) Principal 2) Principal nominated faculty that is student council faculty coordinator 3) Three academic toppers 4) N.S.S program officer 5) Sports student coordinator 6) Culture student coordinator 7) Principal nominated two female representatives The funding is not provided except for N.S.S activities. All the expenses are beared by the institution The various administrative bodies are 1) Student council 2) Anitiragging committee 3) Women's grievances' committee 4) Hostel committee 5) Department student association of each department

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes the institute is having registered Alumni association and also an alumni link on college website portal. 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

5.4.2 – No. of enrolled Alumni:

195

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

5.4.4 – Meetings/activities organized by Alumni Association :

Every year we are conducting the Alumni Meet. Some high lights of the meet are as follows 1] Alumni shearing the industries knowledge and their views 2] Alumni helps college to reduce the gap between industries and academics like arranging industrial visit, guest lecturers, field projects, etc 3] Contributes as a judge for various competitions 4] participation in curriculum development 5] Culture activities 6] Respective dept. visit for sharing their experience with the existing students. 7] college campus visit Details of the every year alumni meet [Year 2017, 2018, 2019] is available on college web site.[<http://sycet.org/alumnimeet/>]

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 – Institutional Vision and Leadership**

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. Implementation and monitoring of academic and administrative system to cater to vision and mission of the institute by the Principal. 2. Academic development and monitoring progress of various teaching/learning processes. 3. All the departments present their Annual Action Plan at the beginning of every academic year with a clear cut roadmap to deliver the same. 4. The matters at the department level are discussed by the HOD with the faculty team in consultation with the Principal. This gives the faculty an enormous sense of belonging and pride in the institution and this brings out the best in them.

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

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	The strategies for Library services up gradation consists 1.Book bank scheme 2.Social welfare scheme for SC ST students 3.Digital library 4.Purchase of book, magazines, journals etc. 5.Online webinars 6. NPTEL views 7.Online journals - Springer
Research and Development	Following strategies were adopted for promoting research development 1. Innovation cell is established in institute. 2.Promoted faculty members for seminars, conferences. 3. 8 members have registered for Ph.D. 4. Subscription of EJournals 5. Arrangement of industry institute interaction by expert talks.
Examination and Evaluation	Examination evolution conducted as per university rules regulations
Teaching and Learning	Institute adopted following strategies for improving teaching learning 1.Implementation of outcome

	<p>based teaching learning methodology</p> <p>2. Recruitment of qualified staff as per staff requirement</p> <p>3. Regular academic audit of teaching process</p> <p>4. Continuous assessment of student performance through test</p> <p>5. Promoting professional development of faculty by providing support for seminars, conferences, workshops</p> <p>6. Review of result compare with previous result corrective actions for improvement</p> <p>7. Conduct of remedial classes for failed student</p>
Curriculum Development	Curriculum development carried out as per University guidelines
Admission of Students	Entire admission process of students carried out as per DTE norms
Industry Interaction / Collaboration	<p>The institute conducted following strategies</p> <p>1. MOU's with industries</p> <p>2. GIZMSME Projects</p> <p>3. Collaborations</p> <p>4. In plant training to students</p> <p>5. Arrangement of guest lectures</p> <p>6. Industrial visits</p>
Human Resource Management	<p>Institute adopted following strategies for Human resource management</p> <p>1. Service rules are made transparent staffs get benefit such as Provident Fund (PF).</p> <p>2. Faculties are entitled for Casual Leaves, Earn Leaves, Sick Leaves and Vacations.</p> <p>3. Institute frequently arrange faculty training programs also depute the faculty to other organisation for attending such programs for acquiring skills.</p>

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

E-governance area	Details
Student Admission and Support	Admission procedure awareness is being organised in different classes, colleges to aware the students about different entrance tests and their procedures to get admission in engineering course.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Pravin Sathya	Intellectual Properties rights	FDP	1500

2018	Govind Dhage	Intellectual Properties rights	FDP	1500
2019	Avinash U Karalkhele	TPO development programme and AGM	FDP	2500
2019	Avinash U Karalkhele	Global business foundation skill FDP	FDP	1500
2018	Avinash U Karalkhele	Product Design Engineering Mechanical	FDP	2460
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	IPR, Patents, Copy Rights, Trade Marks	Nil	07/09/2019	07/09/2019	55	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Mobility of Youth Workers (Erasmus Sponsored Programme) at STIP, Macedonia	1	18/09/2018	26/09/2018	9
Workshop on Brain, Computation and Learning	1	08/12/2018	12/12/2018	5
Workshop on Intellectual Property Rights at MIT,	1	21/12/2018	22/12/2018	2

Aurangabad in association with MACIC				
Workshop on Intellectual Property Rights at MIT, Aurangabad in association with MACIC	1	21/12/2018	22/12/2018	2
Workshop on NPTEL at CSMSS, Aurangabad in association with NPTEL by IIT Madras	1	01/12/2018	01/12/2018	1
Workshop on RF System Design for Pervasive Healthcare Systems DIEMS, Aurangabad in association with TEQIPIII	1	12/11/2018	17/11/2018	6
Workshop on RFID for IOT and Bigdata Applications PES, Aurangabad in association with TEQIPIII	2	29/10/2018	03/11/2018	6
Workshop on Advances in Material Manufacturing Technology at MIT , Aurangabad in association with TEQIPIII	1	01/03/2019	06/03/2019	6
Management capacity building programme on critical thinking (11 M , Luckhnow)	1	23/05/2019	26/05/2019	4

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
65	65	28	28

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Provident Fund	Provident Fund	Scholarships as per government schemes and at college level.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

yes, institute conducts internal and external financial audits regularly

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
GIZ	200000	Students innovation projects [MSME live problems.]
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6.4.3 – Total corpus fund generated

176625802.31

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	TUV NORD PUNE	Yes	Internal monitoring committee
Administrative	Yes	TUV NORD PUNE	Yes	Internal monitoring committee

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

TeachersGuardian Activities and supports: 1) Story telling 2) Poster presentation 3) Expert lectures 4) Encouraged to participate in different competition and projects.

6.5.3 – Development programmes for support staff (at least three)

1) Institute organized faculty development programmes . 2) Staffs are encouraged to attend Faculty development programmes outside college. 3) Staffs are encouraged to publish research papers into their respective area.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Teachers are encouraged to acquire higher qualifications. Faculties are encouraged to pursue higher qualifications specifically Ph.D. in their respective fields. This has led to an increase in the number of doctorate faculties and publications by faculty members during their research. 2. Collaborative linkages with industry and institutes have been undertaken for internships and industrial live projects. Linkages have been established with an intention to place our students for internship, where they get on the job training and / or conduct short term research projects. Linkages are in place

with industries such as, Vijay Gears, Rucha Engineering's, Silhouettes, Chaitanya Industries, Bhandari Electricals, Toshiwa Solar Pvt. Ltd., and many more, for internships and industrial live projects. Experts from industry and institutes are invited for delivering guest lectures for our students on relevant topics. 3. Institute has got the ISO 9001:2015 certification for Quality Management System. The potential benefits to Shreeyash College of Engineering and Technology of implementing a management system ISO 9000:2015 are:

- Better alignment of objectives and activities with policy (including mission and vision).
- Enhanced social responsibility by providing inclusive and equitable quality education for all.
- More personalized teaching, learning and effective response to all learners and particularly to learners with special education needs.
- Consistent processes and evaluation tools to demonstrate and increase effectiveness and efficiency.
- Increased credibility of the institute.
- A means that enables Shreeyash College of Engineering and Technology to demonstrate its commitment to effective educational management practices.
- Widened participation of stake holders of the institute.
- Stimulation of excellence and innovation.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	Yes
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Artificial Intelligence and machine learning	21/07/2019	21/07/2019	21/07/2019	47
2019	IPR, patents, copy rights Trade Marks	07/09/2019	07/09/2019	07/09/2019	55

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender sensitization	14/08/2018	14/08/2018	54	60

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

Percentage of power requirement of the University met by the renewable energy sources
Rain water harvesting structures and utilization in the campus: The percolation tanks are set up around the campus facility. Percolation tanks are constructed
a) Near the Engineering building premises b) Adjacent to the boys and girls

hostel building c) Polytechnic ,D Pharmacy B Pharmacy building In the parking area open percolation tank is constructed for the rain water harvesting. 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 utilised for the green forestation of trees and plants around vicinity. We collect all liquid from college campus as well as Boy's and Girl's Hostel and recycle it by STP after we use it for tree. Due to this shortage of water problem of our Institute is solved. Ewaste management: Ewaste is not dumped in the Institute campus for example Old batteries of UPS are disposed by buyback while purchasing new batteries

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Special skill development for differently abled students	No	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	No	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	Nil	Nil	Nil	00	NIL	NIL	Nil
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
basic human rights	02/08/2019	new subject introduce in the DBATU syllabus
swechate abhiyan	24/03/2019	the programme was a step towards creating awarnace among village peopels on swechate bharat abhiyan

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Women's Day	08/03/2019	08/03/2019	100
Teacher's Day	05/09/2018	05/09/2018	150
Engineer's Day	15/09/2018	15/09/2018	300
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1] Tree Plantation: During Academic Year 1819 threr are 4084 trees of Vad,Pimple,Neem,Jamun,Peru,Flower plant,planted 2] Rain Water Harvesting : The Institute is environmental conscious and works towards the sustainability of environmental resources. Aurangabad city and its surrounding regions come under medium rainfall zone. As there is an shortage of water in summer season it is important to utilize water in the most efficient way. Taking into consideration this problem of water shortage, Institute has designed a rain water harvesting system for one of the building. The rain water collected on the roof top from Boy's hostel, Girl's Hostel as well as institute building is carried through a down take pipe which is collected in the collection tank. In this tank 150 to 200 feet bored are taken hence from last 3 years water level of 5kg area is increased, like battery recharge in our institute water recharge is happen. This initiative not only helpful for institute if also helpful for surrounding area. Conserving rain water and utilizing it for basic purposes and fulfils a social responsibility. 3] Solid waste management: There is solid and liquid waste management. For solid waste management there is a special place allocated near the girls hostel and main canteen. The pit has been dug up for depositing the solid waste. For liquid waste there is chemical chamber for the chemical disposal Bio degradable solid waste is collected from college canteen , we collect waste paper thrown by student, tree leaves on daily basis then dumped in .Composing machine. After 45 to 60 days good quality compost is obtained which is used as manure for the trees in the campus. Apart from this old newspaper, waste files and papers and cartons are sold to the local vendor 4] 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 utilised for the green forestation of trees and plants around vicinity. We collect all liquid from college campus as well as Boy's and Girl's Hostel and recycle it by STP after we use if for tree. Due to this shortage of water problem of our Institute is solved. 5] Ewaste management: E waste is not dumped in the Institute campus for example Old batteries of UPS are disposed by buyback while purchasing new batteries

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1] We Conduct National Anthem Regularly 2] Academic freedom is the freedom to teach, study and pursue knowledge and research without unreasonable interference or restriction from law, institutional regulations or public pressure. Its basic elements include the freedom of scholars to inquire into any subject that evokes intellectual concern, to present findings, to publish data and conclusions without control or censorship and to teach in the manner they consider professionally appropriate. 3] At the same time, integrity and responsibility in conducting academic research form the cornerstone of any academic enterprise and violations of widelyrecognized academic research standards represent serious offences to the entire academic community at the institute and are considered injurious for its credibility and authority as an institution that promotes excellence in academic research. 4] There are responsibilities towards every member of institute for making a transparent academic environment conducive to the application of the high professional and ethical criteria of good practice for academic research. 5] Following are duties specified for each member of institute. A)There is "Teacher Gaurdian Scheme" which is very beneficial to students in which one faculty allotted 15 student to take care of any problem/difficulty of the student B) In BATU there is Inplant training for students in which student suppose go to the industry for training.In year 1819 there are student went for training from first year 6] We Conducted the Prelim Examination at the end of the semester.

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

<http://sycet.org/naac/aqar/best-practices/>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

In our institute, we organize " Marathwada Job Fair", in which approximately 1200 students of other colleges participating. And 674 Placement is to be done through this program . This activity [" Marathwada Job Fair"] very much help full to get the opportunities for the all class of the students from society [Diploma of all branches , degree of all branches , ITI of all treads,B.Com, Bsc. and other educational background]

Provide the weblink of the institution

<http://sycet.org/activities/>

8.Future Plans of Actions for Next Academic Year

1] To provide the skill development programme to student in association with Tata Technologies 2] GIZ Projects [Industrial live projects for the students] 3] To organise FDP on patent , project based learning , Artificial intelligence , Etc 4] Faculties should attain the one week / two week workshop 5] Faculties should publish the papers in national and international journals 6] Faculties should file the patent on respective area research work 7] To provide ICT facilities like NPTL online courses and e learning materials