



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	SAMARTH GROUP OF INSTITUTIONS
Name of the head of the Institution	Prof. Dr. A. S. Goje
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02132-276753
Mobile no.	9766588077
Registered Email	samarthbelhe@gmail.com
Alternate Email	psgadekar1985@gmail.com
Address	samarth group of institution college of engineering belhe & faculty of management, on nagar kalyan highway, NH-61 . At-post- Belhe, Taluka-Junnar, Dist-Pune
City/Town	Pune
State/UT	Maharashtra

Pincode	412410																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Dr. Mahesh Bhaskar																		
Phone no/Alternate Phone no.	02132276753																		
Mobile no.	9766117871																		
Registered Email	samarthbelhe@gmail.com																		
Alternate Email	nirmalkothari77@gmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://engg.sreir.org/wp-content/uploads/2017/01/1-AQR-Report-2018-19.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://engg.sreir.org/wp-content/uploads/2017/01/Academic-Calendar-AY-2019.20.pdf																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.47</td> <td>2018</td> <td>30-Nov-2018</td> <td>29-Nov-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.47	2018	30-Nov-2018	29-Nov-2023
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				Period From	Period To														
1	B	2.47	2018	30-Nov-2018	29-Nov-2023														
6. Date of Establishment of IQAC	10-Dec-2018																		
7. Internal Quality Assurance System																			
<table border="1"> <tr> <td>Quality initiatives by IQAC during the year for promoting quality culture</td> </tr> </table>		Quality initiatives by IQAC during the year for promoting quality culture																	
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Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Artificial Intelligence in Automotive Product Development	14-Jan-2020 1	44
Workshop on 3D printing for Biomedical applications	07-Feb-2020 1	88
Workshop on Tractor Maintenance	10-Feb-2020 5	33
Workshop on Tractor Transmission	01-Mar-2020 5	52
Workshop on Vehicle Body Repair	22-Dec-2020 5	47
FDP on data science.	11-Nov-2019 3	46
Four Days workshop on Android Application Development	27-Aug-2019 4	51
Workshop on Supervisory control and data acquisition (SCADA)	26-Dec-2019 3	46
Disaster Management	01-Feb-2020 2	82
Bridge Making	03-Jan-2020 2	46
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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 00	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

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	View File										
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. IQAC has been driving the system and the processes for achieving a level of targeted Quality. All the HODs are members of the IQAC. 2. Making the teachers acquainted with the values of institutional accreditation and the new method of NAAC accreditation. 3. Faculty Induction Program 4. Soft Skill Training Program for Supporting Staff 5. Leadership Development Program											
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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											
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View File											
14. Whether AQAR was placed before statutory body ?	Yes										
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College Development Committee	01-Mar-2021										
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes										
Date of Visit	11-Sep-2018										
16. Whether institutional data submitted to AISHE:	Yes										
Year of Submission	2020										

Date of Submission	10-Jan-2020
17. Does the Institution have Management Information System ?	No

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

SGOI,COE offers four years full time U.G. program affiliated to SPPU, Pune. The program offer specialization like ETC, Computer, Mechanical and Civil engineering as per the syllabus guidelines laid down by the SPPU. SGOI,FOM offers two years full time MBA program affiliated to SPPU, Pune. The program offer specialisation like Marketing, Finance, Human Resource, Operation and Supply Chain Management etc. as per the syllabus guidelines laid down by the SPPU. Institute follows a systematic approach to implement and monitor effective curriculum delivery in following manner

1. In the beginning of each academic year, the affiliating university provides guidelines regarding, a. Commencement date of Semester b. End date of the Semester c. Examination dates d. Holidays
2. Above details are considered for preparation of academic calendar that includes planning of curricular, co- curricular and extracurricular activities such as Industrial Visits, Seminars, Workshops, Guest Lectures, Cultural and sports events.
3. With these inputs head academics of the institute prepares its academic calendar with the consultation of the Director/Principal.
4. Allocation of the courses to the faculty members is done by head academics considering area of specialization. These course distributions finalised and communicated well in advance.
5. Each subject file has detailed session plan which contains innovative methods of teaching with syllabus, time tables, academic calendar, course objective, concurrent evaluation details, teaching notes, question bank, lesson plan status report.
6. The subject file is evaluated and approved by need academics.
7. Syllabus and course work is discussed with students at the beginning of the semester by conducting course orientation. Future plans for action for next academic year • Faculty Development Programme. • Signing MOU's with industries for students training and project work. • Strengthening Innovation and Entrepreneurship development cell. • Increasing number of events related to Institutional Social Responsibility activities.
8. Head academics monitor's academic activities on day-to-day basis to ensure the execution of time table. He also monitors execution of academic calendar and teaching learning process after every 15 days and conveys it to Director/Principal for necessary action.
9. The faculty members are motivated to adopt innovative teaching practices.
10. Faculty is allocated a group of students as a mentor. Mentor conducts meeting in regular interval and does counselling for poor performing students. Mentor takes care of non-academic issues of the students.
11. The academic performance of students is continuously monitor by conducting course-wise concurrent evaluation, MCQ examinations during the semester.
12. The remedial classes are conducted for the students having poor performance during the evaluations.
13. Expert lectures, Seminars, Workshops, competition are conducted to supplement classroom teaching for effective implementation of curriculum. The college receives regular updates of circulars through letters and e-mails from the university, regarding the faculty programs and change in the schedule of examination. Timely meetings are conducted and instructions are given so that the implementation of all the activities are ensured as per the plan.

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
Nil	Nil	Nil	0	Nil	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	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
BE	BE Electronics and Telecommunication Engineering	15/06/2019
BE	BE Civil Engineering	15/06/2019
BE	BE Mechanical Engineering	15/06/2019
BE	BE Computer Engineering	15/06/2019
MBA	Master of Business Administration	01/08/2019

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

	Certificate	Diploma Course
Number of Students	223	0

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
Nirbhaya (For Girls)	22/02/2020	140
Tree Plantation	01/02/2020	71
Soft Skill Development	03/02/2020	75
Yoga Mediation	21/06/2020	87
Role of Youth in Nation Building	30/01/2020	243
Workshop on SCADA	26/12/2019	46
Workshop on Latex	19/11/2019	46
Workshop on STAAD.PRO Design	09/10/2019	42
Motivational speech on Entrepreneur skill success in future life	28/01/2020	240
Value of Literature in	29/01/2020	235

Indian Culture

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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
BE	Civil	65
BE	Mechanical	81
BE	E&TC	3
BE	Computer	11
MBA	MBA	104

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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

Feedback is a vital part of any institute's skill set. Constructive feedback is a robust tool for creating a healthy environment, boosting productivity and engagement, and achieving better results. It plays a crucial role in education and learning by helping adopt new knowledge sooner and avoid repetitive mistakes. The feedback, positively influences on communication, faculty members' interaction and teamwork results. Samarth College of Engineering has been continuously taking the feedback from all the stakeholders to improve its teaching learning methodologies. The feedback obtained from all the stakeholders is being analysed and utilized for the overall development of the institute. Feedback on other than academic factors is taken on various factors such as teaching of the faculty, extracurricular and cocurricular activities, infrastructural facilities, various club activities, support for technical and nontechnical events and campus life. The students' responses regarding the above stated areas are collected through online survey. It is analysed as per the ratings received from the students. The feedback is discussed and analysed in the various committees such as College development Committee, Academic Council and Governing Council. Further, the comments and suggestions received from these committees are considered for the overall development. In this way, the student satisfaction is improved as it is the ultimate goal of feedback. One of the important stakeholders of any educational organization is a teacher. The teachers' responses regarding the overall development of the functionality of the institute is accumulated by conducting the online survey. As mentioned above, it remains opened for the discussion in the various committees. The Placement office regularly collects feedback from all the companies visiting for campus recruitment. The feedback is collected on a specified format at the end of the selection process, mainly on the students performance in the following areas: 1. Understanding of the core subjects and their application 2. Understanding of new technologies 3. Core areas in which

our students have performed well 4. Communication Skills, Attitude Behavior The overall feedback is also collected on the Institute / Curriculum / Teaching Methodology, etc. The received feedback and suggestions from the employers helps us improve our processes and create a pool of job ready talent as per industry requirement. Alumni feedback helps in focusing the latest technology adopted by the industry. The alumnus feedback on overall quality improvement is taken. It is always used to bridge the gap between academia and industries and skill development. The suggestions provided on the improvement of the curriculum are incorporated in the curriculum development process. The Infrastructure development suggestions are being forwarded to the management for the further actions. The institute also organizes Parent Teacher meet once in an academic year. The feedback from parents is collected during the meet. Moreover, the feedback is taken when a parent visits the campus for one to one discussion. The parameters that are considered for the feedback are Vision and Mission, Objective and Outcomes, Curriculum, Teaching Learning Process, Faculty and Staff, Academic Facilities, Administrative Facilities, Placement and overall impression.

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
BE	Civil Engineering	60	13	13
BE	Computer Engineering	60	39	39
BE	Electronics & Telecommunication Engineering	30	19	19
BE	Mechanical Engineering	60	11	11
MBA	MBA	120	120	120

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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
2019	557	240	45	14	59

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	Numberof smart classrooms	E-resources and techniques used

59	59	670	10	5	5
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring students is a unique, interactive and target oriented system involving student to address common student concerns ranging from anxiety, stress, fear of change and failure to home sickness and a slew of other academic worries. It is a process of creating a supporting relationship with teachers, parents and students aiming at comprehensive development of students. In this activity, mentor helps a less experienced student to bring with them a higher level of experience for values of life. Mentoring helps to shape an individual's beliefs and values in a positive way. There are many benefits of mentorship in student development that includes communication, interpersonal relationship, technical, verbal, and leadership skills along with creative thinking and motivating students for extracurricular activity. Counseling the students and teachers is the distinguished activity carried out SGOI COE to prepare the students and teachers to face the real time challenges in the lives to handle isolation, anxiety, depression and other health problems. Through counseling, individual can explore alternatives, build on individual strengths and develop new skills. The feelings and concerns about family, friends, health and work deserve attention. Counseling gave the opportunity in a quiet and supportive environment to take the time to stop, think and plan. With sensitive and caring feedback, individual will gain new awareness and learn to deal with challenges in new and productive ways. The Coordinator of Student Mentor committee supervises and effectively implements mentoring activity at college level. He has a team of Departmental coordinators at department level and first year to assist him in smooth operation of mentoring by all teachers. Student Mentor committee will hold a meeting once in a month with all Departmental Mentor coordinators. Departmental Mentor coordinator distributes the hard copy of required formats to the department mentors. Departmental Mentor coordinator conducts the meeting once in the month within department and maintain the minutes. The process of mentoring includes appointment of teachers as mentors to the batch of 18 to 20 students of each class. This ensures that every student is allotted a mentor. Students allocated to specific mentor will remain with him/her till the completion of the semester. Then for next semester, new mentors are appointed who are teaching the subjects to the respective class. The mentor establishes the contact with the parents through telephonic discussion, make them aware about the development of their ward. The students allotted meets the mentors once in a fortnight and the observations about them viz. achievements, doubts, fears, grievances even personal problems etc. are placed in conversation meeting by through analysis the student is counseled in the necessary areas/ issues where he/she needs mentoring. Depending on the severity of issues of students, he/she is forwarded to further counseling where the he is counseled by senior faculty of SGOI COE Society. The timely and extensive implementation of mentoring generates healthy interaction between students, parents and teachers and results in less student grievances. The Mentoring activity at SGOI COE is helping the students for overall comprehensive development.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
797	59	1:14

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
59	59	0	0	0

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	Prof. Pradip Sakharam Gadekar	Assistant Professor	Gunvant Adhikari Puraskar

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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	663519110	2019-20	27/05/2020	11/11/2020
BE	663524510	2019-20	27/05/2020	11/11/2020
BE	663537210	2019-20	27/05/2020	11/11/2020
BE	663524510	2019-20	27/05/2020	11/11/2020
MBA	663519110	2019-20	15/05/2020	14/12/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Various evaluation reforms initiated by the University that are adopted by the Institution are as follows:

- Online exams for first and second year students, In-Semester exam for third and final year students, Practical, oral, TW theory exams at the end of the semester as per the University schedule and time table
- As per the requirement of the University, the Institution has deputed approved faculty at the post of College Examination Officer (CEO) for better co-ordination among the Institution and the university and for the smooth conduction of various University exams. The CEO look after each and every activity regarding examination from student's exam. Form filling to their final Th./Pr/Oral examination in online and off-line mode
- Paperless submission of marks i.e. online submission of TW, practical/oral marks to the University
- The Institution has adopted credit based system for UG programs in which credits are assigned to every subjects including theory,practical,tutorials etc. Online appointment of internal examiners for TW, practical/oral, In-semester exams etc. In addition to this, various evaluation reforms initiated such as
- Unit test on line as per university schedule and college also arranged midterm test examination
- after completion of few practicals in semester college arranged practical/oral examinations on those and take oral on it preferably on the questions already given to them on those practicals as per university pattern and allotted marks they obtained in their term work assigned as per the structure of university it will helpful to students to improve their performance in end semester practical /oral examination
- continuous Project, seminar reviews is taken by taking presentation of students on their project/seminar topic selected through internal committee, provide alteration any addition or correction in their work, also guide them for use of various platforms to obtained the data required to their work such as referring of national international journals, online methods to find out information about their topics and motivate them to do the further research work
- Technical and aptitude skills assessment through Mock interviews

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

Being affiliated to SPPU, institute follows academic calendar of SPPU. Before commencement of each semester institute prepares its own academic calendar inline with university academic calendar. Based on Institute's academic calendar, department prepares its academic calendar showcasing events planned by individual department. It has a standard procedure to plan and develop curricular, cocurricular and extracurricular activities. Dates proposed by university for commencement and conclusion of semester, in semester, end

semester, online examination are reflected in institute's calendar and strictly followed. University schedules TW/ Practical /Oral examinations and appoints external examiner. Usually, practical examination period is of 3 weeks, planned by university. This schedule is sternly followed by institute. Departmental Academic committee and IQAC discuss and plan various academic, curricular, extracurricular and social activities in accordance with university calendar. The internal examination arranged by college such as unit tests of all subjects ,internal assessments of project and seminar are also included, the continuous assessment of practical and it's oral evaluation is done and followed it as per the academic calendar. Also various sport activities are arranged in sport week as per the academic calendar with cultural activity such as social gathering, different types of day's celebration etc All these activities are included in academic calendar of institute. Social activities such as NSS activities are planned as per academic calendar of SPPU which are followed by institute. Various activities such as industrial visit, expert lecture, seminars/ workshops/ conferences, department social programs etc are included in department academic calendar. Teaching plan is prepared by each teacher which adheres to the academic calendar of institute with all the academic and other activities such as syllabus coverage of every individual teaching staff within fifteen days, number student presents for that lecture, unit test related all things, term work record for continuous assessment etc,if students having less attendance mobile text message or phone calls to his/her parents and make them aware about the attendance and university rules for mandatory 75 attendance, if it is not your ward may be detained/not eligible to appear for final university theory examination and it has been observed after every fortnight to that ensures smooth conduction of lectures and practical sessions.

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://engg.sreir.org/wp-content/uploads/2017/01/PO_PSO_PEO_.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
663519110	BE	Civil Engineering	49	48	97.95
663524510	BE	Computer Engineering	27	27	100
663537210	BE	E&TC Engineering	22	22	100
663561210	BE	Mechanical Engineering	47	47	100
663510110	MBA	MBA	84	83	98.8

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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://engg.sreir.org/wp-content/uploads/2017/01/Student-Satisfaction-Survey-2019-2020.pdf>

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	0	Nil	0	0

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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 Intellectual Property Rights	Computer	07/12/2019
Technical seminar on Industrial automation and IOT.	ETC	29/08/2019
Seminar on Hello to hired.	ETC	28/09/2019
Mock interviews.	ETC	05/10/2019
Guest lecture on Signal and systems	ETC	13/10/2019
Guest lecture on Microcontroller Applications	ETC	14/10/2019
Current trends in HVAC	Mechanical	16/03/2020
Seminar on Industrial automation	ETC	28/08/2019
Seminar on GOOGLE CLOUDS	Computer	17/01/2020
Seminar on Data Base trends applications	Computer	07/02/2020
Workshp on android application development	Computer	27/08/2019
Developing Business Accumen	MBA	29/02/2020
workshop on concrete test and use of construction	Civil	26/08/2019
guest lecture on hit office ERP Software	Civil	24/09/2019
Webinar on structural design analysis using STAAD PRO	Civil	15/06/2020
Workshop on introduction to autocad 2D 3 D Modelling	Civil	06/01/2020
Workshop on STAAD PRO	Civil	10/09/2019

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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
Fabulous Innovative Leaders	Samarth Rural Educational Institute, Vivek Shelke Sir	World Innovative Congerss	17/02/2020	Institute
Bharat Ratan JRD Tata Udyog Puraskar, Udyog Sarth	Samarth Rural Educational Institute	MIDC, Pune	15/09/2019	Institute
Gunvant Adhikari Puraskar	Prof. Gadekar P.S	Junnar Taluka Shikshak Sangh	20/07/2019	Faculty

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

Incubation Center	Name	Sponsered 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
0	0	0

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

Name of the Department	Number of PhD's Awarded
Nil	0

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)
International	Civil Engineering	0	0
International	Mechanical Engineering	0	0
International	Computer Engineering	2	5.87
International	Electronics and Telecommunication Engineering	0	0
International	MBA	0	0

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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
------------	-----------------------

Civil Engineering	3
Electronics and Telecommunication Engineering	0
Computer Engineering	7
Mechanical Engineering	2
MBA	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
Nil	Nil	Nil	2020	0	Nil	0
No file uploaded.						

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
Nil	Nil	Nil	2020	0	0	0
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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	21	54	175	99
Presented papers	5	1	0	0
Resource persons	0	0	1	11
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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
International Yoga Day	National Service Scheme ,SPPU,Pune	10	87
Guru pournima	National Service Scheme ,SPPU,Pune	25	100
Honouring Of Ex-Service men	National Service Scheme ,SPPU,Pune	5	80
Lal Bhadur shashtri and Gandhi	National Service Scheme ,SPPU,Pune	12	64

Jayanti			
Constitution Day	National Service Scheme ,SPPU,Pune	8	45
Dr B.R. Ambedarkar Maha Nirvan Din	National Service Scheme ,SPPU,Pune	6	73
National Womens Day	National Service Scheme ,SPPU,Pune	10	30
Workshop of Disaster Management	NDRF ,Pune	46	250
Exhibition cum sale of books,Novels on the occasion of Marathi Language day	National Service Scheme ,SPPU,Pune	10	70
Karmaveer Bhauroo death Anniversary Day	National Service Scheme ,SPPU,Pune	25	98
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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	0
No file uploaded.			

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/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Womens Griveance	Womens Griveance SGOICOE Belhe	Anemia and Thalassemia Test	35	722
NSS SPPU	NSS SGOI COE Belhe	AIDS Awareness Programme through street play	8	12
NSS SPPU	NSS SGOI COE Belhe	Swaccha Bharat Abhiyan	8	105
View File				

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
NBA ACCREDITATION- An outcome based approach	Faculty	SGOICOE	1

webinar on Retrofitting	Faculty/Student	SGOICOE	1
Webinar on Straddpro	Students	IFS Academy	1
ESIOT	Faculty	Samarth Polytechnic	1
Web Technology	Faculty	Samarth Polytechnic	1
Robotics workshop	Students	SPPU SGOICOE	1
3D Printer Workshop	Faculties/Students	SGOICOE	1
Faculty Exchange for Skill sets	Faculty	SGOICOE	365
Faculty Exchange for Skill sets	Faculty	SGOICOE	365
Revised Curriculum of Basic Electrical Engineering	Faculty	SGOICOE	1
View File			

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
Internship	Internship	SAHU TECHNOLOGIES, located at Flymax, G1, Omkar Prarthana CHS, next to HDIL Kaledonia Mall Opp. Symphony Baquets, Sahar Road, Koldongari, Andheri East, Mumbai, Maharashtra 400069	01/05/2020	30/05/2020	3
Project Work	Project Work	Samarth Agrofood Processing Ltd.	01/06/2019	31/07/2019	10

		Narayagaon			
Project Work	Project Work	HDFC Bank Shivajinagar Pune	01/06/2019	31/07/2019	9
Project Work	Project Work	HDFC Bank Narayangaon Pune	01/06/2019	31/07/2019	12
Internship	Internship	SHIVSAGAR TRACTORS, NARAYANGOAN, TAL JUNNAR, PUNE.9970050700	12/12/2019	27/12/2019	4
Internship	Internship	SHIVSAGAR TRACTORS, NARAYANGOAN, TAL JUNNAR, PUNE.9970050700	15/12/2019	01/01/2020	3
Internship	Internship	Bhagawati Engineers and Fabrication Velhale Tal-Sangamner Ahmednagar 7709327536	15/12/2019	01/01/2020	8
Internship	Internship	Suyog Construction, Shirur, Dist-Pune 412210	10/12/2019	22/12/2019	3
Internship	Internship	Jagdamba Enterprises, Nimblak road, MIDC, Ahmednagar	10/12/2019	22/12/2019	1
Internship	Internship	Water Managers, Paud road, Kothrud, Pune 411038	10/12/2019	17/12/2019	1
View File					

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
Intellect Technology ,Mumbai	30/06/2019	Internship	4
VB solution, Nashik	25/01/2020	Internship	2

AMOVEX infotech Pvt Ltd, Pune	02/07/2019	Internship/Placement	4
The KILA Structural Repairs And Coating Pvt.Ltd	07/12/2019	Placement	3
Engineer P.B Jadhav	18/07/2020	Internship	6
View File			

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
9793200	5925354

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
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	Existing
View File	

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
Library Management System	Fully	1.2	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	12670	4131285	0	0	12670	4131285
Reference Books	1890	948260	0	0	1890	948260

e-Books	1336	Nil	0	0	1336	0
Journals	72	98028	0	0	72	98028
Digital Database	2	27140	0	0	2	27140
CD & Video	254	Nil	0	0	254	0
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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
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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	360	15	100	1	1	1	6	100	0
Added	0	0	0	0	0	0	0	0	0
Total	360	15	100	1	1	1	6	100	0

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

100 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
3275550	1414437	17129335	16070591

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)

The institute adopts standard established systems and procedures for maintaining the physical, academic and support facilities, which are mentioned in the "Quality Assurance and Standard Operating Procedure Manual" of the institute. The extracts from the booklet are mentioned below for reference. Procedure for maintaining equipment and furniture Procedure for maintaining and

utilizing physical, academic and support facilities - Laboratory, Library, Sports complex, Computers, Classrooms etc. • A History card is maintained for all the equipments. • Annual maintenance contract (AMC) is given for maintenance of computers, Printers, Photocopy Machine, Cameras, Water coolers/filters, gardening, cleaning etc. • A vendor is fixed for maintenance of books in library. • Vendor is fixed for repairing of sports material. • The Lab Incharge or the concerned teacher/staff maintain the record of equipment, any other material and furniture. • In case of any breakdown/repair the Lab Incharge or Concerned teacher/Staff Contact the vendor from whom the equipment is purchased and get the equipment checked for the fault. • After inspection the LabIncharge then take the inspector report from the maintenance person and as per the report forward submission to Principal for approval. • In case the repair is related to workshop then it is done through workshop department. • In case of major repair and maintenance approval for the expenses is taken from the society. • Maintenance and repair of Library and sports related material is done through regular approved vendor. There are college level committees that look after the various aspects of the utilization and maintenance of the physical, academic and support facilities. The working policies of these committees are explained below in the form of flowcharts indicating the communication and work flow for smooth working of these facilities. The individual blocks in the flowchart lists the responsibilities of the respective committee/incharge and the arrow lines indicate the work flow. Laboratory Maintenance: In case maintenance of equipment arises, the concerned laboratory incharge issues a maintenance request to the "Purchase Committee" through the section/Department head. Based on the request, the equipment maintenance work is assigned to third party equipment experts. These experts carry out the repair/maintenance of the equipment and all such records are maintained in the history card of the equipment. Following flowchart indicate the standard procedure adopted for maintenance of laboratory equipments. Library Maintenance: The library is continuously updated in terms of latest books, journals and econtents by the "Library Committee". Following flowchart indicate the standard procedure adopted for the maintenance of library facilities Maintenance of Sports Facilities: A physical director is appointed for the utilization and maintenance of the institutes sports facilities. Following flowchart indicate the standard procedure adopted for the utilization and maintenance of the institutes sports facilities.

<http://engg.sreir.org/wp-content/uploads/2017/01/4.4.2-Procedures-and-Policies-for-maintenance.pdf>

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	Student Scholarship From Samarth Rural Educational Institute	557	12480095
Financial Support from Other Sources			
a) National	Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Yojna (EBC), Post	598	19386021.5

	Matric Government Scholarship, National Private Scholarship etc		
b)International	Nil	0	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 implemetation	Number of students enrolled	Agencies involved
Soft Skill Development	23/01/2020	165	Sapphire Academy Mrs Nelam Bhambare
Remedial Coaching	15/06/2019	50	All Teachers Faculty, SGOICOE
Yoga Meditaion	21/06/2019	60	Rotary Club
Personal Concelling Mentoring	15/06/2019	600	Teacher Gurdian Prof. Gadekar P. S.
Communication Skill	27/09/2020	70	GTLA Academy
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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
2019	competitive examinations and career counselling	103	151	1	38
2020	competitive examinations and career counselling	0	56	0	48
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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
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus	Off campus
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Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
The KILA Structural Repairs And Coating Pvt.Ltd	12	1	Matoshri Buildcon	1	1
View File					

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
2019	1	B.E.	Mechanical	MIT, Pune	M.Tech (Mechatronic & Automation)
2019	2	B.E.	Mechanical	SGOIFOM, Belhe	M.B.A.
2019	1	MBA	Marketing Management	DBAMU Aurangabad	Qualified for Ph. D.
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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
GATE	1
View File	

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

Activity	Level	Number of Participants
Quiz Competition	Inter-Collegiate Competition	30
Drama	Inter-Collegiate Competition	16
Rangoli Competition	Inter-Collegiate Competition	15
Group / Solo / Duet Dance	Inter-Collegiate Competition	12
Volley Ball (B)	Inter Department Competition	12
Cricket (G)	Inter Department Competition	3
Basket Ball (B)	Inter Department Competition	12
Table Tennis (B)	Inter Department Competition	5
Kabaddi (B)	Inter Department Competition	12

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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	00	Nil
No file uploaded.						

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

The aim of forming Students Council is to involve the students in academic, curricular extracurricular activities. Through these activities Students Council members and the students of the college learn planning, organization, analysis, estimation and execution all the activities held in college for their comprehensive development and future their endeavors. The members of Student council are elected every year having the representatives from every branch of the Institution. The overall procedure is strictly followed as per the norms laid down by ordinances and status by SP Pune. The student council comprises Students General Secretary, Gathering Secretary, Sports secretary and Girls Representatives all they are strives for overall effective functioning of cultural as well as other events of the institute. The formation of various committees such as Hostel Committee, Antiragging Committee, Grievance Committee and the committees established by different student associations of every department of the institute like EESA, MESA, CESA. Under these committees various student activities are organized from technical to cultural programs. In these programs and events all the students encourages to take active participation for their overall personality and skill developments which are required now a days in career perspective. In Sports week arranged in college in which various indoor and outdoor sports events such as Carrom, badminton, chess competition, Cricket, volleyball, Kho-Kho etc. Students of our college represents various inter college, inter universities sports matches The students approaches the student representatives in case of queries or problems related to hostel, mess, canteen, extracurricular activities and sports etc. which, further, are reported to the faculty member by the representative. Before arranging any event meeting of respective student member is being held and all the issues related to that event is discussed and accordingly all the necessary arrangements is done for smooth and well planned conduction of that event The functioning and conduction of these Committees are: 1. Student Grievance: This committee addresses student grievances and maintains harmony and discipline among the students. 2. Anti-Ragging: This committee ensures zero ragging incidents in the Institute and also spreads awareness among students against any type of ragging activities. 3. Cultural: This committee coordinates various cultural activities and events throughout the year. "Samarth Youth Festival" is annual social gathering which showcases cultural talent of students. 4. Extension Activities: Any education is incomplete without social awareness. "NSS Committee" is active in carrying out different activities such as Blood donation Camp, Swachha Bharat Abhiyan, Yoga day, Tree plantation etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes The Main objectives of alumni association are students centric. 1. Training

Placement of the students The Alumni contribution for this purpose to propose, manage or conduct the activities for Training and Placement to the students of the college through their expertise, experience of industry/organization 2. Infrastructure development - laboratories Alumni suggestion and guidance in the infrastructure and Laboratories development of the institute. Donation of books to the library of institute 3. Students Benefit Schemes :For economical weaker students alumni may provide their contribution towards tuition fees. Also for meritorious students they may assist for any types of help and motivation 4.To provide recent up gradation in technology, trends and current situation of Industry where they work 5. Guide the students in research developments 6. Encourage students for entrepreneur and self development 7. To encourage students to take active participation and involvements in college events and improve their overall skills required for corporate world through their experience 8. To encourage the students of institute for taking active participation in college developments and focus on study for their bright future and career through their experience 9. To motivate students of the college to keep college premises ecofriendly, plastic free, emphasis the pollution free environment 10. To motivate students for taking active participation in social events such as blood donation, tree plantation, street paly, social media awareness for aids, computer literacy and other social related issues 10. Assist to college for medical health problems of the students 11. Expert lectures are arranged for college students 12.Alumni of institute shows their active participation in arranging industrial visits,experts talks from industries and technology up gradation industry 13. They also assisting and guide of our students in making projects of their engineering in every aspects 14. Guide and motivate students to improve and enhance their interpersonal ,communication and other skills required in industry. 15. Guide our studentds for latest and recent courses after or within aquring degree as per the demands and requirements of industries for their placement. 16. motivate and guide our students for all interview skills and take active participation in Mock interviews and make them preparabale for better presentation for their interviews Though our alumni are not working on big positions but they definitely suggest,guide and motivate our students for job openings, any training available where they work and the ready to give all types of support and encouragement to college as discussed above

5.4.2 – No. of enrolled Alumni:

227

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

67250

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet of our students was held in our college 15/02/2020 . In this meeting the following points has been discussed as per agenda 1.Review of previous year Alumni meet 2. To discuss concept of Alumni business fair on campus 3. Suggestion from the Alumni for the development of Institutions. 4.To brief various activities carried out in SGOI College of Engineering 5.Providing financial support for giving any gift to the institution. Online Alumni Meet due to covid-19 was held on 09 May 2020 and discussed various points regarding Alumni activities The activities of Alumni are held in college are as given Arrange guest /Expert lectures of Alumni 2. To arrange industrial visits for industry -academic interactions 3. Counseling and motivations regarding Training and Placements of college students 4.Lectures on Latest trends and up gradation in technology in industries

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)

To give a sense of ownership, the process of management is decentralized. The Governance of the institute is occurred through committees such as 1.Governing Body 2. Local Management Committee now becomes College Development Committee 3.IQAC (Internal Quality Assurance Cell) 4. College and Departmental Committees. The important functions like the academics, research, quality control, student activities, industrial relations, entrepreneurial and innovation activities, faulty development, staff development, examination, training and placement, ITC, stores and purchase are handled by a these committees They take decisions as a team. The various proposed actions/decisions are again discussed at an institutional meetings vide Governing body, CDC which represented by various stakeholders along with the functional heads (College Development Cell Quarterly meeting). The individual functional heads propose their own annual key performance parameters and suggest a plan to continually improve the performance parameters of their functions, further review the effectiveness of action taken and initiate appropriate corrective and preventive actions to sustain the improved performance before attempting to improve further. IQAC headed by its coordinator, all heads of the departments, industry and parents representative plays important role to ensure the quality of academics, cocurricular, extracurricular and related parameters is continually improving by organizing audits both internal and external after every semester along with disposal action, corrective action, preventive action and reviewing the effectiveness of actions taken. In every committee the involvement of women staff members are dully taken in consideration for equal and fair gender representation. Due care is taken for institutional growth through infrastructural developments, requirements for learning resources and faculties for every department, recruitment is strictly done as per norms and conditions of AICTE and UGC through proper process as per guide lines by SP Pune university.Feedbaks is taken for all stake holders and discussed in meeting for better development as take necessary actions if any suggestion, defaults mentioned in it Student centric approach is always considered before taking any decision in any committee. In IQAC and Governing Body students university results of each subjects of all disciplines are thoroughly observed and take due decision and necessary measures as per the results also the college perspective plans discussed in Hod's ,IQAc Chairman and Principal meeting is taken in consideration. In addition to the above committees, there are statutory committee which is represented by various stakeholders to overlook the overall quality aspects of academics, Women, sexual harassments and allied activities. The objectives of these committees are well defined and they meet twice a year. In this way college governance functioning to achieve the institute Vision and Mission through decentralizing and participation of all stake holders of the institute.

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

No

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
Curriculum Development	The admission is done by the component authority i.e Admission Regulating Authority, once the

allotment is done, we follow the following procedure. All the eligible students have to fill the online form on the 'dte.org.in web portal and scan the relevant documents. After filling the form the students have to take 2 prints out and visit the Facilitation Centre allotted by Directorate of Technical Education (DTE). Along with the form they have to carry the attested copies of all their original documents

Teaching and Learning

Academic coordinator of the department monitors the teaching learning process, and prepares a report which is periodically shared with the Institute Academic Coordinator. The academic coordinator monitors the following teaching learning activities:

1. Conduct of lectures and practical's as per the time table
2. Preparation of the list of defaulters whose attendance is less than 75
3. Conduct of make-up classes for the defaulters
4. Coverage of the curriculum as per the syllabus
5. Continuous assessment (CAS) of the practical's
6. Conduct of project and seminar presentations
7. Conduct of the unit tests as per the plan
8. Analysis of test results
9. Assignments as per the plan

Activities of the Academic monitoring are periodically reviewed by the Principal and corrective actions taken.

Examination and Evaluation

The affiliating University prescribes the overall Evaluation Examinations process. For theory courses, the assessment is carried out by Online Examination (for FE / SE) InSem Examination (for TE / BE) as an internal examination of 50 and 30 marks respectively. The End Semester Examination of 50 (for FE / SE) and 70 (for TE / BE) marks carries out the final assessment of each course. Since the InSem exam for FE /SE is online, the assessment is computer based, whereas the assessment of TE /BE InSem exam is carried out at CAP center at college level. The assessment of End Semester Examination is carried out at CAP center organized by the affiliating University for FE to BE. The Lab Practice, Project, tutorials, Seminar and Term Work is continuous assessment based on work done, attendance, understanding and submission of work in

the form of report/journal is monitor and assessed by the subject teacher. At the end of the semester, Practical/Oral/Presentation is to be conducted and assessed jointly by internal and external examiner appointed by the affiliating university. Whenever any new system of evaluation is introduced at university, the same is first discussed at faculty meeting and then at college level for effective implementation. The schedule and the structure of the internal as well as for end semester examination is prepared by the affiliating university and published it's website, later it is displayed on the college notice board before commencement of University examination well in advance. The college has adopted evaluation system based on university pattern. Following are the two major reforms made by the affiliating university in the academic year. 1. Introduction of INSem exam at first year engineering, similar to TE/BE InSem exam. 2. Provision of Internal Squad for End Semester examination to restrict malpractices, if any. To ensure fair practices and transparency are maintained in them conduction of examination.

Research and Development

To facilitate all the R and D activities in our institute among students and faculty/staff members we encourage them to actively participate in various workshops, seminars, national and international conferences and research related activities. Also motivate/promoting for higher research base education and publish and present research articles in reputed impact factor journals. For students of engineering and technology, institute has created a platform in association with Science club under which students prepare and present the innovative projects in various recent trends of engineering and technology. In association with National Children's Science Congress a program of national council for science and technology communications, Department of science and technology, Government of India where students are appreciated for their outstanding presentation by issuing a certificate of district level in the theme Science, technology and innovation for a clean, Green and

healthy nation. Every year college held a project exhibition and competition theme with the Science and technology for rural development for diploma, degree level students in which different eminent scientists visit to project exhibition and have expert talk on research ,innovations to enhance the research thinking and cultivation in students.

Library, ICT and Physical Infrastructure / Instrumentation

The barcode facility is available for book circulation. The Central Library having sufficient space for reference reading and accession facility for students and software base accession for books in the library. We conduct library committee meetings, library staff meetings and also take feedback from students for the continuous improvement of the library. We provide ICT based services like SMS services, self-renewal of books, digital library, article indexing and abstracting, access to e-journals, etc. to the users. As per the norms laid down by AICTE institute have sufficient infrastructure for conducting academic and instructional process including central workshop having all the required shops, Computer center, Sports complex, Canteen, office and other amenities required for the students. Also institute has provided industry training center of well reputed multinational companies for improvement of practical based technical skills necessary for job placement in the industries.

Human Resource Management

HRM plays a key role in acquiring and retaining high quality teachers. To publicize the job openings, newspapers, walk-in interviews and institute website are the sources. A candidate can explore about the institute and job description from the website. Special efforts are taken by HR head to obtain the resumes for aspirants both in teaching and nonteaching through local and its own management. To retain the faculty, the institute is having policies and best practices for their welfare. Institute conducts faculty induction program on teaching pedagogics. Staff members are also deputed ,gives an opportunities to participate in various technical events such as Faculty development program,

Workshops ,seminars short term training programs etc. arranged by other institutes as well as institute

Industry Interaction / Collaboration

Training and Placement officer which also act as a Corporate Relations officer has been appointed for the recruitment and training purpose of the students.He look after the cordial relations with industry personnel to intensify the insdustry-institute interaction to bridge the gap between academia and industry by arranging various programs for outreach and strategic engagement of projects, internships, placement, entrepreneurship and guest sessions through expert lectures,visits,hands on training.Corporate with a strong engineering discipline focus and desire to develop a mutually beneficial relationship with SGOICOE will have multiple opportunities to engage students.Institute administration office keeps a watch on the latest industry trends to know the career landscape and make careful informed employment decisions. It ensures that students are regularly coached on various career options. Also six months credit based internship is a part of curriculum.

Admission of Students

The admission is done by the component authority i.e Admission Regulating Authority, once the allotment is done, we follow the following procedure. All the eligible students have to fill the online form on the 'dte.org.in web portal and scan the relevant documents. After filling the form the students have to take 2 prints out and visit the Facilitation Centre allotted by Directorate of Technical Education (DTE). Along with the form they have to carry the attested copies of all their original documents. Apart from this the admission process is carried out by giving advertisement in local News papers, Social Media, Banners of the institute, distribution of brochures of the institute etc. Counseling the nearby students through staff members also particiapted in carrear fair programs for rural and urban area students.Coduction of JEE,MHTCET Mock test Examinations truogh Google forms and the link is made available on

institute website. Arrange the campus visits of nearby students by availing the bus facility of institute

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

E-governance area	Details
<p>Planning and Development</p>	<p>Feedback of students is used to improve the teaching learning process and develop new methodologies. Library uses Library management software for organizing its books' inventory, purchase of new books, etc. Use of Google sheets/excel sheets is done for data transaction of academic and administrative nature. Few of them are mentioned below: a. Maintaining CAS for Term Work/practical/project/seminars. b. Maintaining marks obtained in assignments, midsem and endsem examinations. c. Record of makeup classes and extra classes. d. Shared data for institute events like Engineering Today (Technical) and Shivanjali (Cultural) e. Department information needed for regulating bodies such as Shikshan Shulka Samiti, DTE and UGC/AICTE. f. Requisition of library books (Academic Plan, Feedbacks for developments, Google sheets Library requirements)</p>
<p>Administration</p>	<ul style="list-style-type: none"> • Biometric and muster attendance system for monitoring the attendance of the employee • Learning management system for tracking the teaching learning activity. • Online admission system portal
<p>Finance and Accounts</p>	<p>We use Tally Software ERP9.0 for Accounting purpose. All the payments mostly made through the NEFT/RTGS/Bank Transfer. The receipt transactions are also accepted through NEFT/RTGS/Bank Transfer. Salary processing and also for filing quarterly Income Tax Return of salary i.e. Form24 and generation of Form16 of all faculty and staff. We also use Student Management System i.e. ERP software for generating students fees receipts and students fees outstanding list.</p>
<p>Student Admission and Support</p>	<p>The admission is done by the component authority i.e Admission Regulating Authority, once the allotment is done, we follow the following procedure. All the eligible students have to fill the online form on the 'dte.org.in web portal and scan</p>

the relevant documents. After filling the form the students have to take 2 prints out and visit the Facilitation Centre allotted by Directorate of Technical Education (DTE). Along with the form they have to carry the attested copies of all their original documents. Online Admission Process 1. All the eligible students have to fill the online form on the 'dte.org.in web portal and scan the relevant documents. After filling the form the students have to take 2 prints out and visit the Facilitation Centre allotted by Directorate of Technical Education (DTE). Along with the form they have to carry the attested copies of all their original documents. 2. After the online admission form is approved by facilitation center, a student is eligible for admission under engineering course. 3. Display of Merit list 4. Filling of option form 5. Display of allotment list 6. Visiting the Admission Reporting Centre for confirmation of admission 7. Reporting to the allotted institute for confirmation of admission.

Examination

Filling of Examination form (Regular/Backlog) through online on link provided by SPPU, Pune as per the prescribed schedule of the university. Display of Exam schedules of University examinations on website. Examination Summary of students List of seat numbers Block No and seating arrangements. Appointment order of Exam duties and responsibilities, daily supervisor chart Answer sheet collection and submission to CAP center for assessment Display of Examination results. Following activities are carried out online using university portal: a. Online examination (First year and Second Year UG students) b. Question papers of University Examinations (received electronically) (University) c. Marks submission for oral/practical and project examinations (UG as well as PG programs) d. Receipt of remuneration for paper setting and assessment of papers

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/	Name of the	Amount of support
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		workshop attended for which financial support provided	professional body for which membership fee is provided	
2019	Shelake S.N.	Prominanat Publication	Nil	1500
2019	Prof. Polgavande A.S.	Python for data Science	Nil	1000
2019	Prof. Rohile S.R.	Integrated Circuits, MOSEFTS and Op-Amps Applications	Nil	1000
2019	Prof Dumbre S.T	Revised Curriculum of Basic Electrical Engineering	Nil	520
2019	Prof.N.S.Kothari	SE Syllabus Revision 2019 Course	Nil	540
2020	Prof Gawade P.A	Researchn Opportunities with ARMREB(DRDO)	Nil	560
2020	Prof. Polgavande A.S.	BSR Industriat Automation Pvt Ltd.	Nil	600
2019	Prof.N.S.Kothari	Revised Accreditation Framework of NAAC	Nil	800
2019	Prof. P G. Gaikwad	5 th National Convention on Ferrocement	Nil	1000
2020	Prof. Khating A. A.	Workshop on Quality Testing	Nil	300
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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	FDP ON DATA SCIENCE	FDP ON DATA SCIENCE	11/11/2019	16/11/2019	95	1
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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
3rd Online National Research Methodology Workshop	1	11/05/2020	18/05/2020	7
Webinar-3-Day National Level Webinar Series on Research Techniques Challenges	1	19/05/2020	28/06/2020	9
FDP in Cyber Security	7	11/11/2019	16/11/2019	6
DATA SCIENCE	1	11/11/2019	16/11/2019	6
industry 4.0	1	26/05/2020	30/05/2020	5
Moodle Learnig Management System	3	04/05/2020	09/05/2020	6
FDP on "C CPP" (Spoken Tutorial, IIT Bombay)	1	25/04/2020	02/05/2020	8
FDP Python 4.3.4 (Spoken Tutorial, IIT Bombay)	1	27/04/2020	02/05/2020	6
FDP Arduino	1	19/04/2020	24/04/2020	6
Online Workshop on IPR	1	01/05/2020	12/05/2020	10

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
45	59	35	35

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Maternity Leave 1,epf 10,group Insurance 36	epf 02,group Insurance 25	Earn Learn 28

6.4 – Financial Management and Resource Mobilization

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

The accounting committee looks after the financial audit and it is presented to the certified Chartered Accountant. Funds received from government in the form of free ship/scholarship/reservation are required to distribute all the students in their accounts. This account is also verified and audited by government regularly. Last external audit was done in 2019-2020 completed December 2019 and no major objections were raised during the audits. Internal audit done by Accountant, Internal Auditor and Principal. Institution conducts two types of financial audits regularly. Internal and External Financial audits, internal audits done four times in a year i.e. after every three months. External audit of accounts is at only once in a year. Accounts are audited regularly by certified Chartered Accountant appointed by the management

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
Student Welfere Deaprtment	153850	Development Programme
View File		

6.4.3 – Total corpus fund generated

1190500

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	J R Mulla Associates Chartered Accountant	Yes	Mrs Kakade Preeti Santosh Accountant Mr Kardile Sachin Dagadu
Administrative	Yes	J R Mulla Associates Chartered Accountant	Yes	Mrs Kakade Preeti Santosh Accountant Mr Kardile Sachin Dagadu

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

1) Parents Meeting 2) Parent Teacher meeting is conducted in every term 3) Parents are updated about the progress of their wards 4) Parents even meet the faculty in the department and provide some oral suggestions which also contribute to the teaching learning process.5) They give valuable suggestions for the improvement of students, department and institution

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

1. Meditation programme to each supporting staff by counselor 2. Felicitation on women’s day of women’s supporting staff 3. This year supporting staff were also involved in faculties annual cultural program 4. Medical Health check-up facility was provided exclusively for supporting staff.

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

1. Collaboration activities for interaction with industry. 2. Setting up of

entrepreneur and incubation cell. 3. Syllabus revision with outcome based technique.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
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
2020	Workshop on Tractor Maintenance	10/02/2020	10/02/2020	15/02/2020	33
2020	Workshop on Tractor Transmission	01/03/2020	01/03/2020	07/03/2020	52
2019	FDP on data science.	11/11/2019	11/11/2019	16/11/2019	95
2019	Workshop on Supervisory control and data acquisition (SCADA)	26/12/2019	26/12/2019	28/12/2019	46
2019	Four Days workshop on Android Application Development	27/08/2019	27/08/2019	30/08/2019	51
2020	Disaster Management	01/02/2020	01/02/2020	02/02/2020	82
2020	Bridge Making	03/01/2020	03/01/2020	04/01/2020	46
2019	Poster Presentation	23/12/2019	23/12/2019	24/12/2019	22
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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
Yoga Day	21/06/2019	21/06/2019	50	37

"Voter Registration and Awareness Programme"	18/10/2019	18/10/2019	50	46
Constitutional Day	26/11/2019	26/11/2019	25	20
Disaster Management Workshop	01/10/2019	01/10/2019	159	91
"Annual day programme (Samarth yuth festival)"	28/01/2020	28/01/2020	596	126

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
Power requirement per month 13,235 units/month Power requirement met through renewable energy sources (Solar System) 120 units/month Percentage of power requirement of the college met by the renewable energy sources $(120/13235) \times 100$ Total saving 0.90 of total power requirement Following are alternate energy sources used in the Institution - 1. waste disposal vermicomposting system 2. Solar Power Plant 3. Bio gas Plant.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	No	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	0

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
2019	6	5	18/10/2019	1	Voting Reg. and awareness campagne	Awareness Programme	116
2019	6	5	02/10/2019	1	Lal Bhadur	Awareness	76

					shashtri and Gandhi Jayanti	Programme	
2020	6	5	03/01/2020	1	Exhibition cum sale of books, Novels on the occasion of Marathi Language day	Awareness Programme	80
2020	6	5	09/05/2020	1	Karmaveer Bhaurao death Anniversary Day	Awareness Programme	123
2020	6	5	05/09/2019	1	Gurupurnima	Awareness Programme	125
2019	6	5	10/01/2020	1	Disaster Management Workshop	Human Value	296
2019	6	5	14/10/2020	1	Beauty of Inner Engineering through Yoga and Meditation	Human Value	93
2019	6	5	30/10/2020	1	one day health check up camp	Human Value	178
2020	6	5	08/03/2020	1	National Womens Day	Human Value	40
2019	6	5	21/06/2020	1	Yoga Day	National day	97

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

Title	Date of publication	Follow up(max 100 words)
Students code of ethics and conduct.	18/06/2019	Student's code of ethics and conduct is

		display on college Handbook is publish on college web link followed by student. http://engg.sreir.org/wp-content/uploads/2017/01/Code-of-Ethics-_Engineer.pdf
Code for Professional ethics of teachers	18/06/2019	The Professional ethics of teachers is published on website followed by teachers. http://engg.sreir.org/wp-content/uploads/2017/01/Professional-ethics-and-Code-of-conduct.pdf
Code of ethics for engineers 15/06/2018 The Code of ethics for engineers	18/06/2019	The Code of ethics for engineers is display on http://engg.sreir.org/wp-content/uploads/2017/01/Code-of-Ethics-_Engineer.pdf
Code for Human Values	18/06/2019	The Code of human values is display on web link followed by student and teacher http://engg.sreir.org/wp-content/uploads/2017/01/Human-Values-Evidence.pdf
Code for Professional ethics code of conduct of examination	18/06/2019	Code for Professional ethics code of conduct for exam, is display on college website followed by student. http://engg.sreir.org/wp-content/uploads/2017/01/Unipune-Code-of-Ethics.pdf

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Yoga Day	21/06/2020	21/06/2020	87
Tree Planatation	06/01/2020	06/01/2020	71
Guru Pornima	09/05/2020	09/05/2020	100
Independance Day	15/08/2019	15/08/2019	101
Voter Registration and Awareness Programme	18/10/2019	18/10/2019	96
Constitutional Day	26/11/2019	26/11/2019	45
Health Awearness Program	12/01/2020	12/01/2020	120
Dr. Babasaheb Ambedkar	26/11/2019	26/11/2019	45

Mahaparinirvan divas			
Disaster Management Workshop	01/10/2019	01/10/2019	250
Republic Day	26/01/2020	26/01/2020	722
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- 1) Plastic Free Campus. 2) Students encouraged to use Public Transport/College Bus instead of Personal Vehical. 3) Rain Water Harvesting. 4) Bio gas Plant. 5) Green landscaping with trees and plants. 6) Pedestrian friendly road.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE -I

1. Title of the Practice: Industrial exposure to Student

2. Goal Objectives of this best practice are to expose our students to industrial aspects and make them industry ready. So as to empower them with current Industry needs and job requirements.

3. The Context Earlier much more stress was laid on only theoretical knowledge in the case of engineering study without any emphasis on practical learning. However, this concept has completely changed today. Nowadays, as any engineer graduates have various career opportunities in different fields, it is also important for them to have an industrial exposure before starting their career. Actually, it is the responsibility of teachers to play this vital role in making current engineering education relevant to both business and industry.

4. The Practice Efforts taken for the same are mentioned as follows:

- Training Centers of different companies such as TAFE, TATA, and TOYOTA KIRLSOSKAR and Bridgestone Tyre etc. With their Training course in our campus
- Students enthusiastically participate/ publish their ideas in National/International Conferences and Journals
- Centre for PMKK under National Skill Development Corporation Scheme of MHRD's Govt. of India Centre organized jointly with Funfirst Global Skillers Pvt. Ltd.
- Expert/Guest lectures are conducted for students by Industry Professionals for imparting knowledge of latest trends in Industries.
- Technical events are organized to improve professional and technical skills of students to enhance their employability.
- Various student associations such as CESA, MESA, ETSA, ACES are formed. Technical and non - technical events are organized under the dynamic leadership of student coordinators of each student association.
- Industrial visits are organized to understand professional work culture of Industries

5. Execution Problems

- It is difficult to find the right person from the industry who can authoritatively deliver sessions on the latest technologies

BEST PRACTICE-II

1. Title of the Practice: Industry Institute Interaction

2. Goal Objective is to enhance coordination with Industry through MoUs, Center of Excellence, sponsored projects, industrial visits and in-plant training for students and faculty members.

3. The Context Institution has taken initiative to interact with various industries through Industry Institute Interaction committee that maintains professional relations with industries. Industrial visits are arranged for students and faculty members to gain practical exposure and keep abreast their knowledge. To achieve academic excellence, students are encouraged to interact with industries and research organizations through FDP, industrial visits, sponsored projects, trainings, internships, consultancy etc. Industry professionals are regularly invited for sharing their knowledge with the students. It opens up a fresh avenue to young enthusiastic minds and faculty members to develop skills across diverse areas including managerial skills, social responsibilities and Industry liaison.

4. The Practice Activities of This Practice are as follows

- Institute signed MoUs with reputed MNC companies under Industry Institute Interaction cell i.e. T

MOTORS, TATA Strive by TATA Community Initiatives Trust, TAFE TRACTORS, and TOYOTA etc. • Training Centers of different companies such as TAFE, TATA, and TOYOTA KIRLSOSKAR and Bridgestone Tyre etc. With their Training course in our campus • Centre for PMKK under National Skill Development Corporation Scheme of MHRD's Govt. of India Centre organized jointly with Funfirst Global Skillers Pvt. Ltd. • We have Training Centre for Tractors and Farm Equipment Limited (TAFE) Limited, Tamil Nadu. The first and only educational institute in India to have training center on campus. • Training Centre of TATA Strive, TOYOTA etc for Provide training to Final Year BE and nearby 10th, 11th, and 12th class pass fail interested 5. Problems Encountered • Lack of sponsored project for final year students.

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

<http://engg.sreir.org/wp-content/uploads/2017/01/7.2.1-Best-Practices.pdf>

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

Institute is located in Rural area to provide education facility in remote area where bus facility is provided from college. For skill development of rural students we are provide Tata training centre starting from 2016 with free of cost of all college students or other surrounding student also. Institute is also help full for economical backward student in college fees. Institute is also start Pradhan mantri kushal kaushaly vikas yojana from Nov 2017 for development of skill in Rural area. The institute doing same agreement (MOU) with various industries for field training and Industrial visit to college students. The institution has developed an effective inter linkage across teaching, research and extension. Academic collaboration and networking with other institutions, both in India and overseas, is a priority area. These collaborations are to strengthen the institute's capacities to fulfil its vision of being an institution of excellence in higher education that develops and applies knowledge in pursuit of social justice and human rights for all. The institution strives to be the exemplary Educational Institution. Students competitive spirits are encouraged by allowing them to build and participate in various competitive events like bridge making, block blasting, paper presentation on crum rubber waste for road construction, treatment on diary waste ,various topic on concrete etc. The institute also take suggestions from all the quarters especially from the students and parents are given prominence for the improvement and the effectiveness and efficiency of the institutional processes. Decentralized planning provides the Departments the much needed autonomy, flexibility and trust in planning for their domain area. Decentralization, Participation, Involvement and Accountability are the key aspects in the implementation of the quality policy of the Institution. We are well aware that we exit for our students and do our very best to provide a most friendly and growth oriented ambience for them. We do everything in our capacity to ensure excellent standards that would secure them leadership in tomorrow's challenging world. The Quality policy is integral part of the vision and mission of the Institution. It is involved in every process of the Institution.

Provide the weblink of the institution

<http://engg.sreir.org/wp-content/uploads/2017/01/7.3.1-Institutional-Distinctivness.pdf>

8.Future Plans of Actions for Next Academic Year

Our institute has taken initiative to improve academic environment through various curricular and co-curricular activities different facility development program . The academic activity will be enrich by through observation of lectures, tutorial, assignment, practical's by using way of various methods, also give more focus and attention on slow learner and weaker students, list of these students from first year to final year will prepare as per their marks obtained in internal as well as university examination and arrange their extra classes, assignments for improvement in their final result. Collaboration and MOU'S will be taken up of eminent and prestigious institutes/ organization for up gradation enhancement , skill based knowledge sharing to students every year effort shall be taken for making Mou with companies. Organize International level conference, seminars webinars in the institute. To establish foreign placement cell foreign and alumni chapters at different locations and arrange more numbers of lectures of alumni and increase their participation in college activities and development. To establish the robotics lab, satellite remote center of IIT Bombay in institute. To establish / develop building for these centers , guest house in college campus.. For higher education of faculty various quality enhancement program to be implemented, motivate faculty members to register for Ph.d and research work. To promote entrepreneurship and innovation through skill development, Planning to give more focus on certificate / diploma courses for students through our various skill developments centers in our campus of reputed, multinational companies of different subjects apart from technical skills for overall improvement of students in various skills required in industry and corporate field. Institute will arrange more faculty development programs, encourage faculty to participate in various workshops, seminars conferences present and publish research papers and articles to improve research environment in college and also make compulsory to them to publish research paper in high indexed, scopus and ugc listed journals, also start incubation center for startup activities for students in institute, also encourage students to engaged themselves in Moocs, on lines courses to enhance their skill, more number of students shall appear for these courses and achieved certificates and make their career bright. Also encourage and motivate students to learn and take certification in various foreign language for their skill enhancement for future career Institute has to be developed "Entrepreneurship and Skill Development Cell" and planning for various seminars and workshops of experts, entrepreneurs and encourage students to establish their own business and become a good entrepreneur and also enhanced activities in this area. Institute has to take various steps to achieve Grade "A" in second cycle of the NAAC. Institute have better facilities of sports such as play grounds, Gym etc. arrange inter collegiate,inter university ,zonal matches and motivate students to take active participation in these matches and make their career. Motivate students of our institute to make their final year project through sponsorship, in consultation with companies for better industrial exposure and take participation in various competitions such as Avishakar, Hackhathon programs arranged by university and AICTE.