



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

Part A	
<b>Data of the Institution</b>	
<b>1. Name of the Institution</b>	SAMARTH GROUP OF INSTITUTIONS
Name of the head of the Institution	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 Institutions College of Engineering and Faculty of Management, On Nagar-Kalyan highway NH-61, At Post. Belhe, Tal. Junnar, Dist. Pune.
City/Town	Pune
State/UT	Maharashtra

Pincode	412410																		
<b>2. Institutional Status</b>																			
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																		
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)	<a href="http://sreir.org/engg/sgoi/index#">http://sreir.org/engg/sgoi/index#</a>																		
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://sreir.org/engg/pdf/etc/ay2018-19.pdf">http://sreir.org/engg/pdf/etc/ay2018-19.pdf</a>																		
<b>5. Accrediation Details</b>																			
<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
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B	2.47	2018	30-Nov-2018	29-Nov-2023														
<b>6. Date of Establishment of IQAC</b>	10-Dec-2018																		
<b>7. Internal Quality Assurance System</b>																			
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															

Industrial Automation	28-Jul-2018 1	28
RTL Design & Functional Verification	27-Jul-2018 1	27
Workshop on Machine learning using Python	26-Mar-2019 3	50
Guest Lecture on Research in Project	21-Oct-2018 1	60
Workshop on Software Testing	01-Oct-2018 2	50
Guest lect. On Engineering Mathematics III	03-Oct-2018 2	60
Guest lect. On Fundamental Programming Language Phase -I	26-Sep-2018 1	24
Guest lecture On Soft Skills	20-Sep-2018 1	30
Seminar on Interview Techniques	19-Jul-2018 1	35
LaTeX Workshop	30-Nov-2019 1	25
<a href="#">View File</a>		

**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	000	NIL	2018 00	0
No Files Uploaded !!!				

**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
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**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**

Plan of Action	Achivements/Outcomes
Industry Institute Interaction	Significant improvemnets in number of industrial visit organised, MoUs, Sponsored projects, internships and training
Leadership Development Programs	Improved handling of day to day functioning
Faculty Induction Program	67 Faculties got benefitted
Conduction of Soft skill training program for supporting staff	Improved working skills of supporting staff
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
College Development Committee	18-Nov-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
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Date of Visit	11-Sep-2018
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2019
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Date of Submission	07-Jan-2019
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 E&TC, 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	12/07/2018	00	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	02/07/2018
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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	B.E. Electronics and Telecommunication Engineering	18/06/2018
BE	B.E. Civil Engineering	18/06/2018
BE	B.E. Computer Engineering	18/06/2018
BE	B.E. Mechanical Engineering	18/06/2018
MBA	Master of Business Administration	01/08/2018

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

	Certificate	Diploma Course
Number of Students	1342	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
Softskill and Corporate Skill Program	17/07/2018	120
Entrepreneurship Development Program	24/09/2018	400
Art of Living	12/02/2019	50
Life Skill Program	27/08/2018	60
<a href="#">View File</a>		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MBA	MBA	58
BE	Civil	37
BE	Mechanical	84

BE	Computer	5
BE	E&TC	7
<a href="#">View File</a>		

## 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>The purpose of this Policy is to provide a framework for obtaining, summarizing and documenting information on student and stakeholder perceptions of the quality and effectiveness of the Institute's curriculum for use in program evaluation, accreditation and other academic quality assurance processes and activities. The scope of this Policy covers all the programs run by SGOI College of Engineering and Management, Belhe. Specifically, this Policy provides a framework for:</p> <ol style="list-style-type: none"> <li>1. Monitoring and improving the quality of students' learning experiences through the timely collection, analysis and reporting of student feedback concerning teaching, learning and assessment.</li> <li>2. Providing students and stakeholders with the opportunity to actively participate in the continual improvement of programs.</li> <li>3. Recognizing, documenting, supporting and extending good practices for effective implementations of curriculum provided by affiliating University.</li> <li>4. Ensuring the provision of information to students and stakeholders regarding the consideration of feedback collected over time, including actions taken to address concerns raised in any feedback received.</li> <li>5. The Academic Coordinator and the Administrative officer are jointly responsible for the collection, analysis and reporting of stakeholder feedback relating to academic programs.</li> <li>6. Coordination of responses to feedback will be the responsibility of the Heads of Departments.</li> <li>7. All students and stakeholders have the opportunity to provide feedback.</li> <li>8. Student feedback is a core component of program evaluation but feedback is also sought from Alumni, Graduates, Parents, Industry partners and Academic peers.</li> <li>9. Feedback processes will be systematic, rigorous and respectful of the rights of students and staff and will incorporate strategies to maximize student participation.</li> <li>10. A range of feedback mechanisms including surveys, focus groups, informal comments and other participatory activities will be employed as appropriate.</li> <li>11. The Institute seeks student feedback in a form which can be captured, analyzed and reported every time a course is delivered through course end survey.</li> <li>12. A core set of questions will form the basis of a survey deployed to systematically evaluate teaching and learning in all UG PG courses.</li> <li>13. Stakeholder feedback will be collected as required for specific purposes using methods appropriate for the specific feedback sought.</li> <li>14. All the feed backs received from various stakeholders are summarized and analysis is carried out at department level.</li> <li>15. Recommendations made from the feedback comprise, recommendations to Board of studies for changes in the syllabus of the university and the suggestions made to management on procurement of facilities and equipment.</li> <li>16. Recommendations received from the heads are discussed in HODs meeting and forwarded to management for approval/sanctions. The whole objective of this policy is effective implementation of Curriculum for better learning and</li> </ol>

continuous improvement of the processes and practices.

## 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	19	19
BE	Computer Engineering	30	29	29
BE	Electronics & Telecommunication Engineering	30	9	9
BE	Mechanical Engineering	60	19	19
BE	Mechanical Engineering(DSE)	30	24	24
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
2018	499	120	62	15	0

### 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
77	77	6	10	5	0

[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)

Institute has mentoring system for newly admitted students. The students from various socio-economic backgrounds from rural, Semi-urban and urban region get admitted. 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. For all these difficulties, mentor has to help them to come out and gain confidence. Institute has appointed a mentor who helps fresher's



to overcome their language, emotional, behavioural difficulties. There are many benefits of mentor-ship in student development that includes communication, interpersonal relationship, technical, verbal and leadership skills along with creative thinking and motivating students for extracurricular activity. Counselling the students and teachers is the distinguished activity carried out at SGOI COE FM to prepare the students and teachers to face the real time challenges in the lives to handle isolation, anxiety, depression and other health problems. During the Induction program students are made aware about the counsellor and the type of help counsellor can provide to the students to overcome difficulties faced by them. Through counselling, individual can explore alternatives, build on individual strengths and develop new skills. The feelings and concerns about family, friends, health and work deserve attention. Counselling gave the opportunity in a quiet and supportive environment to take the time to stop, think and plan. With sensitive and caring feedback, students will gain new awareness and learn to deal with challenges in new and productive ways. The process of mentoring includes appointment of teachers as mentors to the 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. The mentor establishes the contact with the parents through telephonic discussion appraise them about the development of their ward. 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 COEFM is helping the students for overall comprehensive development

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
619	77	1:8

## 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
77	77	0	6	4

### 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
2018	Prof. Vallabh Vasant Rao Shelake	Assistant Professor	Samaj Prerna 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	2018-19	27/05/2019	18/07/2019
BE	663524510	2018-19	27/05/2019	18/07/2019
BE	663537210	2018-19	27/05/2019	18/07/2019
BE	663561210	2018-19	27/05/2019	18/07/2019
BE	663561280	2018-19	27/05/2019	18/07/2019
MBA	663510110	2018-19	11/05/2019	27/07/2019
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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

- 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 varsity for various University exams
- 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 PG programmes, Online appointment of internal examiners for TW, practical/oral, In-semester exams etc. In addition to this, various evaluation reforms initiated by the Institution on its own are:
- Prelim examination for all students
- Mock online examination for F.E. and S.E.
- Unit test for all students
- Mock practical/oral examinations
- Project, seminar reviews
- Technical and aptitude skills assessment
- Institution encourages students to use reputed research papers for seminars and projects to inculcate research culture among students.
- Conduction of mock interviews for last year students and council them for improvement.

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

At the beginning of each academic year, the affiliating university (SPPU) provides guidelines about the academic schedule of the semester which includes the dates of commencement and end of the semester, schedule of examinations, etc. Accordingly, the Academic Monitoring Committee, Dean Academics after taking suggestions from Principal prepares an academic plan for the institution in the beginning of a semester. After approval of the academic plan, the respective department prepares an academic calendar of the department. It includes a schedule for unit tests, term end exam, technical events, guest lectures, parents meet, co-curricular and extra co-curricular activities of the department. Academic calendar of each department is displayed on the institution website and also circulated among the faculties and students. In concurrence with the academic calendar, mock online tests are conducted for the first year and second year engineering and MBA students to practice university online examinations. Unit tests are conducted for the third and fourth year engineering students to practice for university in-sem theory examinations. The record of a continuous assessment is maintained by the subject teacher and performance of students is evaluated at the end of a semester. A periodic review of the progress of the syllabus is taken and extra hours are added in time table to meet the academic deadlines. The institution faces some problems in following the academic calendar due to late admission of direct second year students. In such cases academic monitoring committee forms a new class or schedules extra lectures to cover the syllabus in due course of time. Periodic audits are taken to review the syllabus coverage and related academic activities. The HODs, in turn, organizes departmental meetings and initiate the required steps for syllabus completion. Faculties prepare teaching plan and session plan according to curriculum of SPPU. The staff members adhere to teaching plan and deliver the lectures according to methodologies decided in the plan. Continuous internal evaluation is carried out during practical sessions and to have one-to-one interaction with students. Regular review is conducted by faculties to monitor the progress of syllabus coverage.

## 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://sreir.org/engg/etc/peos#>

## 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	21	20	95.23
663524510	BE	Computer Engineering	24	24	100
663537210	BE	Electronics & Telecommunication Engineering	19	19	100
663561210/80	BE	Mechanical Engineering	63	57	90.47
663510110	MBA	MBA	69	52	75

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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://sreir.org/engg/pdf/result201819.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
Minor Projects	365	SPPU, PUNE	150000	75000

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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
Developing Business Accumen	MBA	31/01/2019
workshop Machine learning using Python	Computer Engineering	26/03/2019
softskill and corporate skill program	Computer Engineering	17/07/2018
Workshop on Software Testing	Computer Engineering	01/10/2018
RTL Design Functional Verification	Electronics and telecommunication Engineering	27/07/2018

IOT using Arduino:Tool Technique	Electronics and telecommunication Engineering	05/03/2019
Guest Lecture on "Virtual World"	Electronics and telecommunication Engineering	28/03/2019
workshop on Hit office and ERP software	Civil Engineering	01/04/2019
workshop on Basics of Auto CAD	Civil Engineering	05/04/2019
workshop on Total station	Civil Engineering	29/03/2019
Guest Lecture on Challenge in Hydraulic Industries	Mechanical Engineering	20/08/2018
Guest Lecture on Heat Exchanger	Mechanical Engineering	31/08/2018
Workshop on Demonstration of Different Engine their Components	Mechanical Engineering	03/10/2018

### 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
Vidhyan Mitra Puraskar	Prof.Vallab Vasantrao Shelake	Junnar Taluka Vidhyan Adhyapak Sangh	20/09/2018	Faculty
Jeshtha Shikshan Tadnya V.V. Chiplunkar Gunvanat Seva Bhavi Sanstha Puraskar 2018	Samarth Rural Educational Institute	Swargiy Ramchandji Babel Trust, Junnar	24/11/2018	Institute
Certificate of Appointment	Samarth Rural Educational Institute	ToyotaKirolskar Motor Pvt Ltd	05/10/2018	Institute
Shivneri Bhushan Educational Work in Rural Sector-2019	Samarth Rural Educational Institute	Government of Maharashtra , Kille Shivneri Shiv Utsav Samiti	19/02/2019	Institute
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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	02/07/2018
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### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International

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

Name of the Department	Number of PhD's Awarded
M.B.A.	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)
International	faculty of Management	2	0.79
International	Civil Engineering	2	7.17
International	Computer Engineering	3	4.65
International	Electronics and Telecommunication Engineering	2	6.64

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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
Computer Engineering	3
Electronics and Telecommunication Engineering	2
Civil Engineering	2

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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
<b>No Data Entered/Not Applicable !!!</b>						

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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
NIL	NIL	NIL	2018	0	0	00

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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	4	3	12	30

Presented papers	7	9	33	0
Resource persons	0	0	2	9
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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
Blood Donation Camp	Rotary Club Alephata Mains	10	40
Health Awareness Program	Anantrao Kanse Homopathic Medical College And Hospital, Alephata	43	109
Constitutional Day	National Service Scheme ,SPPU,Pune	10	89
Tree Plantation	National Service Scheme ,SPPU,Pune	6	64
Voter Registration and Awareness Camp	National Service Scheme ,SPPU,Pune	32	324
International Yoga Day	National Service Scheme ,SPPU,Pune	10	210
Jijabai and swami vivekananda Jayanti	National Service Scheme ,SPPU,Pune	3	78
Disaster Management Workshop	National Disaster Response Force Pune	25	197
Distribution of Swacchata Kit	NSS SGOI COE Belhe	3	87
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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
NSS SPPU	NSS SGOI COE Belhe	Distribution of Swacchata Kit	3	87
NSS SPPU	NSS SGOI COE Belhe	Aids Awareness camp	4	50

NSS SPPU	NSS SGOI COE Belhe	Swaccha Bharat Abhiyan	5	75
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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
Cyber Security and Data Science	Faculty	SGOICOE	6
Cyber Security and Data Science	Faculty	SGOICOE	6
Cyber Security and Data Science	Student	SGOICOE	6
Artificial Intelligence and Deep Learning	Faculty	SGOICOE	3
Drone Workshop	Student	SGOICOE	2
Computer Network	Faculty	SGOICOE	1
OOP as Java	Faculty	SGOICOE	1
ESIOT	Faculty	SGOICOE	1
Prestreasing from Theory to Practice	Faculty	SGOICOE	2
Prestreasing from Theory to Practice	Faculty	SGOICOE	1
<a href="#">View File</a>			

#### 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	INDUSTRIAL VISIT	Kranti Sugar and power Limited Devibhoyre 9055040475	01/10/2018	01/10/2018	78
INDUSTRIAL VISIT	INDUSTRIAL VISIT	Dhumal Metals SINNER	25/03/2019	25/03/2019	49
INDUSTRIAL VISIT	INDUSTRIAL VISIT	Themal power plant Eklahare 0253-2810291	25/03/2019	25/03/2019	49
Internship	Internship	Samapada Milk ANE 9011498031	07/07/2019	17/07/2019	6

Internship	Internship	Samapada Milk ANE 9011498031	28/05/2019	06/06/2019	7
Internship	Internship	SHIVSAGAR TRACTORS, NARAYANGOAN, TAL JUNNAR, PUNE.9970050700	11/12/2018	15/12/2018	4
Internship	Internship	SHIVSAGAR TRACTORS, NARAYANGOAN, TAL JUNNAR, PUNE.9970050700	09/12/2018	15/12/2018	4
Internship	Internship	Ring plus Aqua Limited Sinnar 91-2551-228010	23/05/2019	06/06/2019	1
Internship	Internship	OCTAthink, Pune contact No: 9420727613	07/12/2018	16/12/2018	5
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	01/06/2019	01/07/2019	7
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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
SAHU TECHNOLOGIES, located at Flymax, G1, Omkar Prarthana CHS, next to HDIL Kaledonia Mall Opp. Symphony Baquets,	11/03/2019	Industry Institute Interaction and Internship Program	9



Sahar Road, Koldongari, Andheri East, Mumbai, Maharashtra 400069			
Diya Electronics, Gat No. 165, Tower Line, Sahayog Nagar, Talawade Road, Pune	30/06/2018	Industry Institute Interaction/ Industrial Visit/Palacement	18
Bennet University	27/06/2018	To understand AI Deep Learning Approach	2
Khilla Coating Pvt Ltd	12/07/2018	Placement	3
Toyota Technical Education Program Belhe 9730404070	01/12/2018	Industrial Visit and Internship	8
Engineer P.B Jadhav	18/07/2018	Internship	6
<a href="#">View File</a>			

#### 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
9025000	9000575

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
No file uploaded.	

##### 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
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Library Management System	Fully	1.2	2017
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#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Journals	54	56628	18	41400	72
Text Books	12580	4061258	90	70000	12670	4131258
Reference Books	1865	932250	25	16010	1890	948260
e-Books	1336	0	0	0	1336	0
Digital Database	1	13570	1	13570	2	27140
CD & Video	254	0	0	0	254	0
Library Automation	1	25960	0	0	1	25960
Others (specify)	120	0	0	0	120	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	02/07/2018

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	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
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##### 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	<a href="#">NIL</a>

#### 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
2425000	2479194	20937392.7	3982119.69

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)

**Maintenance, Housekeeping and Write-off Policy**

1. The Department which is in need of repair and maintenance work has to register a written complaint to the maintenance committee through respective HOD. The details of the maintenance work need to be mentioned. 2. Maintenance Person inspects the site and completes the task. 3. Once the task is completed, Head of Department signs the job Completion report. 4. Bill is generated and processed through the concerned authorities and forwarded through Principal for final payment. 5. All monthly maintenance bills are brought to the notice of the Principal. 6. The college has Annual Maintenance Contracts for Security and housekeeping Policies of Academic and Support Facilities:

**Utilization and Maintenance of Class Rooms:**

1. Classrooms are allotted as per the student strength.
2. Concerned departments are given responsibility for the maintenance of their class rooms.
3. Department Head, informs the maintenance committee regarding maintenance and requirement of repairs / cleanliness.

**Utilization and Maintenance of Laboratories:**

1. Laboratories are allotted for Practical session based on a timetable.
2. Standard Operational Procedures for handling various chemicals, equipment's and instruments are to be strictly followed.
3. Stock register is maintained and updated regularly.
4. Stock verification and inspection has to be carried out by the departments at the end of the Academic Year.
5. Old and outdated equipment's, chemicals and instruments are discarded by standard procedure.

**Utilization and Maintenance of Computer Laboratories:**

1. The computer laboratories are allotted to the students as per their curriculum requirement of SPPU
2. Respective Heads of the department prepare the schedules for allocating the computer labs to the students as per the timetables.
3. The maintenance of computer laboratories are taken care by laboratory In-charge and the system administrators take care of the repairs and maintenance of all computers
4. All outdated and under configured computers are disposed.
5. Additional requirements, if needed are processed through Governing body as per the proposal raised by the concerned Head of Department.

**Utilization and Maintenance of Library:**

1. The book list requirement is received from the concerned department as per their curriculum changes and as per the variation of intake.
2. The students are instructed to procure an Identity card to access the library.
3. Each student is allowed to take four books for the period of 15 days.
4. Each faculty borrows 15 books for each semester.
5. If student fails to return the book in time, fine has to be paid by the student.
6. All the functions of library i.e. book borrowing and lending etc. are monitored by fully automated library software.
7. Students can utilize the library daily on all working hours from 9.00 am to 5.00 pm as per their timetable.
8. Every student can access online journals and magazines through Digital library.
9. Periodically, conditions of all the library books are monitored and old books are maintained by binding the books if needed.

<http://sreir.org/engg/pdf/iqac/Procedure%20%26%20policies.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

No Data Entered/Not Applicable !!!

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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
Soft Skill Corporate skill program	17/07/2018	96	Sapphire Academy Mrs Neelam Bhambare
Interview techniques	19/07/2018	35	Coper BYTE
Soft Skill and Life Skill dev.	27/08/2018	60	Sapphire Academy
Communication Skill Dev.	12/01/2019	30	GTLA Academy
Yoga, Meditation	21/06/2018	156	SGOICOE, Belhe

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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	Competitive and Carrier Counselling	68	68	0	11
2018	Expert Lectures & Seminars	22	22	0	4
2019	Carrier Guidance and Counselling	19	19	0	11
2019	Carrier Guidance and Counselling	61	61	1	38
2019	Expert Lectures & Seminars	20	60	0	20

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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		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

## 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	BE	Automobile Engineering	SGOIFOM, Belhe	MBA
2018	1	BE	Electronics and Telecommunication Engineering	SGOIFOM, Belhe	MBA
2018	1	BE	Civil Engineering	G.H.Raisoni College of Engineering and Management, Ahemadnagar	ME
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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
NET	1
GATE	1
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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
Palak Mantri Cricket Trophy	State Level	176
Police Cricket Competition	District Level	60
Doctors Association Cricket Competition	District Level	90
Kabaddi (B)	Inter Department Competition	72
Cricket (B)	Inter Department Competition	120
Cricket (G)	Inter Department Competition	60
Basket Ball (B)	Inter Department	56

	Competition	
Rangoli Competition	Inter-Collegiate Competition	60
Days Celebration	Inter-Collegiate Competition	360
Volley Ball (B)	Inter Department Competition	49
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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	NIL	National	0	0	00	00
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, cocurricular extracurricular activities. Through these activities Students Council members learn planning, organization, analysis, estimation and execution along with trouble shooting, which help in their comprehensive development. Student council is elected every year having the representatives from every branch of the Institution. The student council strives for overall effective functioning of day-to-day activities. The Institution has student representatives on academic and administrative bodies concerning their interest. The students approach 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. Following is the narrative of functions and events conducted by various Committees: 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

5.4.2 – No. of enrolled Alumni:

197

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

105000

#### 5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet (2019) was organised on 09.02.2019 at 10.00 am at SGOI College of Engineering, Belhe. Principal along with Head of Departments and Governing body members of SGOI College of Engineering, Belhe Alumni Association were present. Total participation for the event was 197 including Alumni, faculties and GSA Committee. The event started with an open house where alumni interacted with the College faculties and they also visited the department which was along with tea and snacks. A cultural program was presented by students of the college.

There was an open session where the alumni participated with full zeal and enthusiasm to relive the old memories for the time spent in the college. The Alumni Meet was smoothly organized as per the schedule and concluded with lunch at 03.30 pm.

### **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)

The mission of SGOI-COE FOM is to enhance awareness and admissions for technical and management courses in rural areas. With this aspect in mind, we provide good academic facilities, infrastructure and knowledge to students with a key aim to make them competitive. The institute continued with decentralization practices and participative management a various level described as follows. Institute has vision and mission which are futuristic in nature. They satisfy the needs of society through involvement of each one in the process. The governance comprising of Governing Body (GB), Local Management Committee (LMC) now termed as College Development Committee (CDC) and Internal Quality Assurance Cell (IQAC) play significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stake holders. The Institute believes in promoting a culture of delegation of powers through strategic policies. The Principal of Institute is assisted by HODs, Administrative Head, and Section in charges and coordinators of various cells/committees in decision making process of the Institute. Faculty and staff are assigned with the roles and responsibility to work in a harmonious environment with complete transparency. IQAC has a well-developed process to ensure quality benchmarks of academic and administrative activities. The Institute maintained the culture of retention of Faculty and hence has an edge of senior and dedicated Faculty for realizing its Vision. Institute follows recruitment policies and service conditions as per the rules and regulations of regulatory authorities. Fair representation of women faculty is also ensured at all levels of organization and congenial environment is fostered. Based on the Vision and Mission of the Institution, Quality Policies are framed and driven by the needs of the corporate world, society and stakeholders. Institute has a perspective plan developed by Principal and HOD's with suggestions of IQAC and GB. Deployment of the quality policy is done by providing requisite academic infrastructure, learning environment and harmonious work culture. Student's surveys and feedback from all the stakeholders plays vital role in framing and revising policies. Internal Quality Assurance cell (IQAC) formulates perspective plan taking into consideration inputs from all stake holders. This plan is presented and deliberated in Institute Development Committee under the chairmanship of Principal to get consensus. This plan is forwarded to the governing body for approval. The Institution policy believes involvement of all staff in decision making and implementing the decentralized decision policy. To streamline the same, various committees at Institute level are formed which look after academic and administrative activities which lead to the realisation of vision and mission 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
Admission of Students	To improve admissions, followingsalient activities are being done: Banners are placed a prominent locations around Junnar Advertisements in leading newspapers Brochure of the Institute is prepared Collegemagazine is also prepared. Institute brochure and newsletters are shared with parents and students during the CET exam at various locations. Counseling of students and parents is done. Faculty counseling to the Junior colleges at various locations
Industry Interaction / Collaboration	Interaction with industry for providing industrial exposure to students and faculty is of prime importance at SGOI College of Engineering management. For strengthening the teaching learning process, institute has initiated One Faculty One Industry practice. This has helped to improve interaction with industry with the involvement of every faculty. Institute has tried to standardize the difference processes in order to strengthen interaction with industry. At the start of semester, every subject teacher has to plan industrial visit and expert talk by industry expert by providing all the details to the department such as industry details, planned date of conduction, budget required for the same, etc. All these activities should be for assigned subject for the faculty. Apart from, industry visit and expert talk, every department has to plan one / two day training programs in association with industry for the students. Plan sheets are kept in the department and Head of Department take review and monitor the conduction of all the planned activities as per the planning. Value added courses for the student in association with industry is another major aspect where institute is focusing. At the end of semester, standard formats are made available to the department to compile all the activities conducted in association with industry and summary



sheet of the same is also prepared and communicated to all the departments for analysis and future plans.

Human Resource Management

Key points of human resource management of the college are as follows  
Recruitment through the Local Staff Section Committee Staff requirements are obtained from all Heads of Department and reviewed by the Principal. Approval is taken from the management Advertisement in leading newspapers and Institute website  
Conducting interviews by Local Staff Section Committee Annual appraisal of all faculties done by HOD and reviewed by the Principal Promotions of the faculty decided through the Staff Selection Committee Annual increment decide by management based on annual appraisals

Library, ICT and Physical Infrastructure / Instrumentation

Library is using LMS 21 software for Library Automation Open Source softwares like Calibre are used for E Books Management and Institutional Repositories. Information Kiosk is kept at library entrance for OPAC search facility. Digital library and wifi system is available in library for utilization of Eresources. NPTEL Local chapter is coordinated by Library. Library is using social platform like blog and face book for information dissemination.

Research and Development

Institute is having Research and Development Cell with the following objectives  
• To create awareness for Research and Development among faculty and students.  
• To create interest and motivate faculty to take up research projects in cutting edge technology.  
• To inculcate research attitude in students.  
• Motivate and facilitate students and faculty to solve social challenges through technological innovations. Institute conducts Lectures, workshops to create awareness for Research and Development in Faculty and students.

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. It is monitor and assessment 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 displayed on the college notice board. 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 2019 20. 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 the conduction of examination.

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 makeup 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.

**Curriculum Development**

The Institute follows the curriculum approved by SavitribaiPhule PuneUniversity (SPPU). Our faculty members participate at various bodies of the university such as Academic Council, Board of Studies (BOS), and Subject Chairmen who contribute in framing of syllabus regularly. Institute has its own stakeholder's feedback policy in place. The purpose of this Policy is to provide a framework for obtaining, summarizing and documenting information on student and stakeholder perceptions of the quality and effectiveness of the Institute's curriculum. All the feedbacks received from various stakeholders are summarized and analysed. The recommendations are communicated to the BOS for curriculum revision.

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

E-governance area	Details
<p><b>Planning and Development</b></p>	<p>Feedback of students is used to improve the teaching learning process and develop new methodologies. Library uses LMS 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/practicals/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 RTST (Technical) and Samarth Youth Festival (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>

Administration	<ul style="list-style-type: none"> <li>• Biometric attendance system for monitoring the attendance of the employee</li> <li>• Learning management system for tracking the teaching learning activity.</li> <li>• Online admission system portal. Icard generation for students, Academics Employees Leave, ICard, Library.</li> </ul>
Finance and Accounts	<p>Finance and accounts section uses Tally and excel for carrying out various accounting activities. Accounting activities carried out using Tally software are: a. Cheque printing b. Cash Book/Bank Book maintenance c. Maintenance of ledger d. Fees register</p> <p>Following tasks are achieved using microsoft excel: a. Preparation of salary bills b. Preparation and maintenance of student's fees record</p>
Student Admission and Support	<p>The admission is done by the component authority i.e Admission Regulating Authority, once the allotment is done, we follow the following procedure.</p> <p>Online Admission Process</p> <ol style="list-style-type: none"> <li>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.</li> <li>2. After the online admission form is approved by facilitation center, a student is eligible for admission under engineering and MBA course.</li> <li>3. Display of Merit list</li> <li>4. Filling of option form</li> <li>5. Display of allotment list</li> <li>6. Visiting the Admission Reporting Centre for confirmation of admission</li> <li>7. Reporting to the allotted institute for confirmation of admission.</li> </ol>
Examination	<ol style="list-style-type: none"> <li>a. Exam schedules of University examinations</li> <li>b. List of seat numbers</li> <li>c. Examination Summary of students</li> <li>d. Block No and seating arrangements.</li> <li>e. Examination results</li> </ol> <p>Following activities are carried out online using university portal:</p> <ol style="list-style-type: none"> <li>a. Online examination (First year and Second Year UG students)</li> <li>b. Question papers of University Examinations (received electronically) (University)</li> <li>c. Marks submission for oral/practical and project examinations (UG as well as PG</li> </ol>

programs) d. Receipt of remuneration for paper setting and assessment of papers Our Institute has evidenced several benefits after adopting e governance in its various activities such as increased efficiency, transparency in academic and administrative work, reduction in costs, encouragement and participation in governance by all stake holders and empowerment of faculty and staff.

### 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
2019	Ghadage S.S.	International Conferrance on Advances in Mechanical Engineering Management	NIL	1500
2019	Khatode A.L.	JCON 2018-19	NIL	1500
2019	Shelake S.N.	JCON 2018-19	NIL	1500
2019	Prof.Baragaje S.S.	Prestreesing From theory to practice	NIL	300
2019	Prof.Khating A.A.	Prestreesing From theory to practice	NIL	300
2018	Prof.Satpute P.C.	Prrestressed Flat slab design	NIL	500
2018	Prof. Polgavande A.S.	Workshop on Artificial Intelligence deep lernaning	NIL	500
2018	Prof. Dumbre S.T.	Workshop on Elective- III- Machine Learning / Audio Video Engineering/ PLC Automation	NIL	450
2018	Prof. Shingote S. N.	Workshop on High Performance Computing (LP-1)	NIL	850
2019	Prof. Borhade	Workshop on	NIL	700

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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	Learning Machine Learning Using Python		26/03/2019	26/03/2019	22	2
2018	Introduction to various Testing Tool		10/01/2018	10/01/2018	11	1
2018	Total Station		28/09/2018	28/09/2018	10	0
2019	HIT OFFICE WORKSHOP		01/04/2019	01/04/2019	11	0
2019	Workshop on 3D Printer		15/03/2019	15/03/2019	18	2
2019	Latex Workshop		30/01/2019	30/01/2019	22	0

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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
FDP in Cyber Security	1	26/02/2019	04/03/2019	7
Two days national level workshop on Power Electronics Application and Controls of E-vehicles and Drives.	1	10/01/2019	11/01/2019	2
Faculty Orientation Workshop (Audio	1	21/12/2018	21/12/2018	1

and Video Engineering)				
Latex Workshop	6	30/01/2019	30/01/2019	1
NPTEL WORKSHOP	2	30/11/2018	30/11/2018	1
Yuva mahiti doot	1	12/10/2018	12/10/2018	1
Prrestressed Flat slab design	2	30/07/2018	30/07/2018	1
Prestreesing From theory to practice	2	07/02/2019	08/02/2019	2
FDP on Lab Practice -I (AIR)	1	07/12/2018	07/12/2018	1
FDP on Lab Practice -I (HPC)	1	07/11/2018	07/11/2018	1

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
77	77	35	35

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Maternity leave01, EPF13, Group Insurance77, Uniforms 77	Maternity leave00, EPF05, Group Insurance21, Uniforms 21	(Earn and Learn) 13

**6.4 – Financial Management and Resource Mobilization**

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

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. 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 2018-2019 completed December 2018 and no major objections were raised during the audits. Internal audit done by Accountant, Internal Auditor and Principal. First audit is from 1st July to 10th July 2018, second audit from 1st September to 10th September, third audit from 1st December to 10thDecember 2018 and fourth audit from 1st April to 10th April 2019 has been maintained 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
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Student Welfare Department, SPPU	80000	Development Programme
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6.4.3 – Total corpus fund generated

6272000
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## 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)

Involvement of parents in different initiatives is always appreciated. Parents contribute and give their valuable suggestions through their representation on following activities. 1. Representation on Department Advisory Board (DAB) 2. Visit to student project exhibitions 3. Parent teacher meet 4. Parents from industrial sector supports for enhancing industry institute interaction 5. Feedback on Curriculum
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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.
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Formation of departmental 'IQAC' committee. 2. Setting up of 'i-feel' lab, entrepreneur and incubation cell. 3. Syllabus revision with outcome based technique.
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6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
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
2018	workshop on softskill	17/07/2018	17/07/2018	27/07/2018	51



	and corporate skill program				
2019	workshop Machine learning using Python	26/03/2019	26/03/2019	28/03/2019	55
2018	Industrial Automation	28/07/2018	28/07/2018	28/07/2018	30
2019	IOT using Arduino:Tool Technique	05/03/2019	05/03/2019	06/03/2019	42
2019	Two day workshop on Basics of Auto CAD	05/04/2019	05/04/2019	06/04/2019	32
2019	One day workshop on Total station	29/03/2019	29/03/2019	29/03/2019	88
2018	Workshop on Vehicle Body Repair	31/08/2018	31/08/2018	31/08/2018	63
2018	Guest Lecture on Conceptual Design in Mechanical Engineering	13/07/2018	13/07/2018	13/07/2018	31
2019	Developing Business Accumen	31/01/2019	31/01/2019	31/01/2019	145
2019	Jagar Shri Shakticha	23/02/2019	23/02/2019	23/02/2019	120
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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
Yuva Mahiti Doot Workshop	30/03/2019	30/03/2019	39	25
Annual Day Cultural Programme (Samarth Youth Festival)	13/02/2019	15/02/2019	229	412

Workshop On Disaster Management	16/01/2019	16/01/2019	56	107
Girls Marothon Programme	03/01/2019	03/01/2019	49	0
Blood Donation Camp	08/08/2018	08/08/2018	16	24
International Yoga Day	21/06/2018	21/06/2018	96	114
International Womens Day	08/03/2019	08/03/2019	86	0

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
Ramp/Rails	Yes	0
Scribes for examination	Yes	0
Rest Rooms	Yes	0
Braille Software/facilities	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
2018	5	4	17/06/2018	317	Bus facilities	Transportation	450
2018	5	4	18/08/2018	1	Blood Donation Camp	Health Awareness	50
2018	5	4	24/09/2018	1	Swatch Bharat	Social issues	80
2018	5	4	13/10/2018	1	Voting Reg. and awareness campaigning	Social issues	344

2018	5	4	21/06/2018	1	Yoga Day	National day	235
2018	5	4	01/12/2018	1	Health Awareness Program	Social Issues and human values	152
2018	5	4	21/11/2018	1	Constitutional Day	Social Issues and human values	99
2018	5	4	07/07/2018	1	Tree Plantation	Social Issues and human values	70
2018	5	4	21/06/2018	1	Health and Happiness Program	Human Values	74
2018	5	4	16/01/2019	1	Disaster Management Workshop	Human Values	188
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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.	15/06/2018	Student's code of ethics and conduct is display on college Handbook is publish on college web link followed by student. <a href="http://sreir.org/engg/pdf/iqac/3.20Students-code20.pdf">http://sreir.org/engg/pdf/iqac/3.20Students-code20.pdf</a>
Code for Professional ethics of teachers	15/06/2018	The Professional ethics of teachers is published on website followed by teachers. Web link <a href="http://sreir.org/engg/pdf/iqac/4.20Unipune20code20of20ethics.pdf">http://sreir.org/engg/pdf/iqac/4.20Unipune20code20of20ethics.pdf</a>
Code of ethics for engineers	15/06/2018	The Code of ethics for engineers is display on web link <a href="http://sreir.org/engg/pdf/iqac/6.20Code20of20Engineers.pdf">http://sreir.org/engg/pdf/iqac/6.20Code20of20Engineers.pdf</a>
Code for Human Values	15/06/2018	The Code of human values is display on web link followed by student and teacher <a href="http://sreir.org/engg/pdf/iqac/8.20Human20values20evidance-min.pdf">http://sreir.org/engg/pdf/iqac/8.20Human20values20evidance-min.pdf</a>
Code for Professional ethics code of conduct	15/06/2018	Code for Professional ethics code of conduct

for exam.

for exam, is display on college website followed by student. <http://sreir.org/engg/pdf/iqac/2.20Professional20ethics20and20Code20of20conduct.pdf>

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Health Awareness Program	01/12/2018	01/12/2018	154
Dr. Babasaheb Ambedkar Mahaparinirvan divas	06/12/2018	06/12/2018	127
Girls Marathon Programme	03/01/2019	03/01/2019	49
Yoga Day	21/06/2018	21/06/2018	210
Tree Planatation	01/07/2018	01/07/2018	70
Guru Pornima	27/07/2018	27/07/2018	47
Blood Donation Camp	08/08/2018	08/08/2018	40
Independance Day	15/08/2018	15/08/2018	46
Voter Registration and Awareness Programme	13/10/2018	13/10/2018	324
Constitutional Day	26/11/2018	26/11/2018	99

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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. TATA 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://sreir.org/engg/pdf/best%20practices-converted.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://sreir.org/engg/sgoi/vision\\_mission](http://sreir.org/engg/sgoi/vision_mission)

### **8.Future Plans of Actions for Next Academic Year**

Institute has been initiating and implementing various activities to assure and improve quality in the different aspects of academics, co curricular and extracurricular activities, faculty development. Another aspect, institute is focusing is social exposure to students and faculty by conducting extension activities. In view of the vision, mission and core values, institute has planned for following initiatives. 1)Pre Placement Activities: We are planning to conduct a activities for all students so that it will help them to get place in reputed company. 2) Collaboration with reputed industries as well Small Scale Industries. 3) Improve Alumni Interaction through which students will get benefit of placement as well as knowledge will be update about working platform in industry. 4)Enhancement of the Consultancy services on various projects. 5) Enhancing Soft skills, Aptitude Skills and Technical skills of the students. 6) To enhance the Involvement of industry professionals. 7) Funded research projects with collaboration of government and private organizations. 8) Increase student participation at national level and government organized competitions.