

The Annual Quality Assurance Report (AQAR) of the IQAC

An annual self-reviewed progress report of our institute is being submitted here to NAAC-Bangalore, through IQAC. The report depicts the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year and is for the A.Y. 2018-19.

Part – A

Data of the Institution

1. Name of the Institution: Shree Ramchandra College of Engineering, Lonikand (Pune)

- Name of the Head of the institution: Prof. Dr. A. D Desai
- Designation: Principal
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no.: 020-26659999
- Mobile no.: 7350670009
- Registered e-mail: srcoepune@gmail.com
- Alternate e-mail : ad.desai711@gmail.com
- Address: Gut No.351 & 333/1 Pune-Nagar Road, Lonikand, Dist: Pune-412216 (M.S)
- City/Town: Pune
- State/UT: Maharashtra
- Pin Code: 412216

2. Institutional status:

- Affiliated / Constituent: **Yes**
- Type of Institution (Co-education/Men/Women): **Co-education**
- Location (Rural/Semi-urban/Urban): **Rural**
- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing (please specify):
Self financing and applied for UGC 2f recognition.
- Name of the Affiliating University: **Savitribai Phule Pune University, Pune**
- Name of the IQAC Co-ordinator : Prof. H.S. Bawiskar

- Phone no. : 020-26659999
- Alternate phone no.
- Mobile: 9970854156
- IQAC e-mail address: bawiskar.harshad@gmail.com
- Alternate Email address:

3. Website address: www.srespune.org

Web-link of the AQAR: (Previous Academic Year):

A.Y. 2018-19: www.srespune.org/admin/js/plugins/kcfinder-master/upload/files/AQAR%202018-19.pdf

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

If yes, whether it is uploaded in the Institutional website:

A.Y. 2018-19: <file:///C:/Users/1232/Downloads/Academic%20Calendar%20AY%202018-19.pdf>

A.Y. 2019-20: <file:///C:/Users/1232/Downloads/Academic%20Calendar%20AY%202019-20.pdf>

5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	B	2.48	2017	From: Oct.30, 2017 To: Oct.29, 2022

6. Date of Establishment of IQAC: 09/01/2017

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration (Approx.)	Number of participants/beneficiaries
Submission of AQAR to NAAC	Each year (12/6/2018)	All stake holders of the institute.
Meetings of the IQAC Cell	Twice in a year (27/3/2019)	Members of IQAC – 6 Nos.
Students feedback	At the beginning and end of each semester (1/10/2018 & 2/4/2019)	Students of the institute (Details are provided in Annexure III.)
Parents meet	Once in a year (8/3/2019)	Students - Parents
Employers feedback	Once in a year	Students/Alumni
Internal Academic Monitoring	Each semester	Students & staff
Participation in NIRF	Each year	Entire institute

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
-	-	-	-	-

9. Whether composition of IQAC as per latest NAAC guidelines: Yes

10. No. of IQAC meetings held during the year: 2 Nos.

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website: Yes

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): Please refer Annexure-I

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

The plan of action is prepared by IQAC in the beginning of the academic year in order to maintain and enhance the quality of education. Please refer Annexure-II (containing plan of action and achievements) & Annexure-III (containing Academic Calendar) for details.

14. Whether the AQAR was placed before statutory body?: Yes

Name of the Statutory body: Governing Body of the Institute

Date of meeting(s): 20th June 2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?: No

16. Whether institutional data submitted to AISHE: Yes

Year: 2018-19 Date of Submission: 4/2/2019

17. Does the Institution have Management Information System? : Yes

If yes, give a brief description and a list of modules currently operational. (Maximum 500 words)

In an organization, decisions at right time are important and 'MIS' provides information support. Data base is available but it is to be processed/ analyzed systematically to convert it in to information, which shall help for smooth functioning/administration of an institute.

MIS ensures that an appropriate data is collected from the various sources, processed & sent further to an individual, group of individual, the managers/HoDs, authorities within or outside the institute and the top management. MIS creates an impact on the organization's functions, performance and productivity. At SRCOE, following are the key areas where MIS is used for good governance.

- ERP (Enterprise resource planning): - It includes detailed information of each and every student studying at the institute. Various certificates/documents are generated using his software viz. I-Card, Bonafide Certificate, Library Card, Leaving Certificates, etc. It is also used to circulate various notices and circulars to students and staff. This year institute has launched it's Mobile Application where students and staff can access all the above mentioned information through their mobile.
- MOODLE: - It is the modular object oriented dynamic learning environment which helps to interact with students through different online blogs and chat sessions. It is the platform available for students and faculties where they can access academic material viz. presentations, notes, video lectures, assignments, etc.
- Pay-Sheet Tally: - It is used for collection of fees from the students and payment of staff and vendors. Reservation fees from the government and preparation of balance sheet of the institute is also prepared using this system.
- Centralized Admission Process (CAP):- Admission process for UG, PG and Diploma is done as per the rules and regulations of DTE/ARA Govt. of Maharashtra through the online portal.
- Filling of marks/grades: - Marks scored by students in Oral, Practical and Term Work examinations are filled through online portal provided by Savitribai Phule Pune University and MSBTE.
- Permissions & Payments: - Affiliations, Permissions, Approvals of Statutory Bodies viz. AICTE, DTE, University, MSBTE, RBTE, RO, ARA, FRA, etc. is done digitally. The payment for the same is done through NEFT/RTGS.
- Forms & Formats:- Various forms viz. Anti-ragging, Grievance Redress, etc. are available online on institute's website and used in case of grievance (any).

Part – B

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 Institutional mechanism for well-planned curriculum delivery and documentation which is explained as under:

The well planned curriculum delivery and documentation for academic year 2018-19 is explained herein under. Academic Calendar of each department is prepared and communicated to staff & students minimum 6 weeks before the commencement of a given semester.

A. Communication of Vision, Mission and Objectives to stakeholders:

Vision / Mission are well communicated to all stakeholders.

The Institute's Vision, Mission and Objectives are communicated through the followings.

- | | |
|---|------------------------|
| i) College Web site http://www.srespune.org/ | ii) College Magazine |
| iii) Display Notice boards | iv) Admission Brochure |

Department / Programme wise, Vision, Mission are displayed

- i) Department Notice Boards. ii) On College-website but in a separate link for each department.

Graduate Attributes are also displayed on notice-boards and college-website, brochure etc.

B. Preparation and distribution of master and class time-tables to students:

Time table(s) are prepared strictly as per the guidelines of Savitribai Phule Pune University course structure / curriculum. The time table and faculty teaching load is maintained strictly as per the AICTE / University guidelines. Value addition courses/trainings are included in the time table to benefit the students in their career opportunities. Time table is communicated to all students by displaying it on the Notice Boards and also communicated through Class Representative and by posting on social media. For teachers hard copies are handed over personally & their signatures are obtained and it is communicated minimum 6 weeks before the start of a given semester. Soft copies of time table are emailed to all teachers. Other extra- curricular activities viz. remedial or extra classes, expert lecture(s), Industrial visit(s) etc. are also planned and it comes under extra activities. Master time table is prepared and is available in departmental office, both in hard and soft form.

C. Adoption of diverse pedagogy including case study, role play, video recordings, flipped class technique, group discussion etc.

Debates, Quiz, Flipped classes, GDs, NPTEL, MOOCS, SWAYAM video lectures, PPT, presentation videos-animations, case-studies and live demonstrations (wherever possible) are included for effective teaching-learning process and the activities (Nos.) are mentioned in Table I below.

Table I: Class Room Activities

Name of Activity	Total Activities Held (Nos.)	Remark
Flipped Classes	21	Please Refer Annexure-IV
GD	25	
Case Study	24	
Presentations (PPTs, Animations)	672	

D. Extent of interaction with industry to enhance employability and entrepreneurial skills:

With the assistance of Training & Placement cell, the departments organize the industrial visits, guest/expert lectures, workshops, seminars and conferences, value added certification courses, training on soft skills, Aptitude tests etc. This helps the students to get to know the work culture at industry/corporate(s), organizational structure, exposure, latest technologies and hands on training etc. Institute has signed MoUs with reputed industries for providing the necessary support to above narrated activities. Summer internships and training of minimum 80 hours for teachers and 160 hours for the students is made mandatory. Institute has subscribed for ‘SPRUCE’ software that helps students to prepare for aptitude tests, soft skills, view videos of certain subjects etc. Our Guardian Faculty Member (GFM) monitor this activity and guide them regarding it’s (SPRUCE) usage. The activities to enhance employability are given in Table II below.

Table-II: List of Activities conducted to enhance Employability

Name of Activity	Total No. of Activities Held	Remark
Guest Lectures	16	Please Refer Annexure IV
Workshop(s)	11	
Seminar(s)	11	
Industry Visits	33	
Value added courses	10	

1.1.2 Certificate/Diploma Courses introduced during the A.Y. 2018-19: It is listed as under.**Table-III: List of Certificate/diploma courses**

Sr. No.	Name of the Certificate Course	Name of the Diploma Course	Date of Introduction and Duration	Focus on Employability/ Entrepreneurship	Skill development
1.	Electronics	Field technicians networking	28 December 2018 3 Months	Networking and data storage software	Can carryout networking task.
2.	Power	Cable jointer electrical power system	28 December 2018 2 Months	Electrical power transmission	Cable joining for energy distribution related work
3.	Capital goods skill council	CNC operator turner	28 December 2018 4 Months	Automotive industry	Can operate CNC machines.

4.	E Plan	1 to 8 April 2019	Electrical Design	For Estimation and design for electrical systems
5.	Primavera	14,15and 16 February 2018	Planning Software	Can carry out scheduling and planning of construction site.
6.	Hit Office	14 and 15 February 2019	Construction ERP Software	For Estimation and inventory control on construction site
7.	AutoCAD	3 and 4th Aug 2018	2D Software	Can carry out for building and machine drawing

1.2 Academic Flexibility-Not applicable to us being an affiliated institute. University Curriculum is followed. Only in the Final year, students have flexibility in choosing their Elective Courses (total 4 nos. of Electives).

1.2.1 New Programmes/Courses introduced during the Academic year 2018-19

Programme with code	Date of Introduction	Course with code	Programme with code
No new courses are added			

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 2018-19

Table-IV: Programmes adopting CBCS/Elective course system

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System
ME (Mechanical Engineering) Design Engineering	NA	ME Mechanical	Full Semester
Not applicable for UG in currently			

A. Courses available along with regular curricula for acquiring new skills (PDP, Entrepreneurship, foreign language etc.)

At F.E. level induction programme of one week was organized which comprised of soft skill, PD training, GD, visit to industry & historical places, sports, medical checkup, cultural activities etc. Training on PD is imparted to final year students by Barclays. Value added courses were organized and list is available in Annexure-II. A talk on Entrepreneurship Development and advantage of foreign languages was informed to students. Startup and innovation cell is established and is active.

B. Institution follows semester/trimester system.

We follow semester system as per the affiliating university's norms.

1.3 Curriculum Enrichment

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

This point mainly covers three areas, viz., Academic excellence, Personality development and Social orientation. The objectives of the courses offered by the affiliating Savitribai Phule Pune University and the Vision/Mission of the institution are complementary in nature. The range and scope of the courses in each programme assure that the students achieve academic excellence in the respective discipline. Seminar presentations, project work and other value addition programs are conducted with the help of external/ internal experts and are imperative for the successful fulfillment of the programmes and they help the students to develop their personality and outlook. Apart from the academic framework, each programme provides exposure to the students to interact with society, industry and institutions through dialogues, seminars, workshops and industrial visits which ensure their social/corporate interaction.

A well planned Value added course delivery and documentation is explained below:

- To provide support for teaching-learning process, seminars, workshops on latest trends / technologies are organized by us and we motivate them to attend it outside the campus as well. Guest / Expert lectures are also planned in this regard. To achieve life skills, students are motivated to participate in NSS activities as well as institutional & department level activities.

A. Curriculum is revised at regular intervals.

Curriculum is generally revised by the university after every 3-4 years. The institution/staff submits the suggestions/changes to be done in curriculum of university.

B. Academic Activities

The following value added courses and enrichment programmes are offered. Courses at various level of students are already incorporated for the benefit of the students. Activities under academic excellence are viz. FDP, Seminar, Workshop and Guest Lecture, participation in industrial visit which is a part of curriculum building/development, etc.

C. Initiative by institute to supplement University's curriculum (e.g. Introduction of one value added course in an academic year).

The institute supplements the conventional blackboard teaching with exposure to workshop, seminars, NPTEL Video lectures (Flip Class), etc. A number of NPTEL video lectures and PPTs, animations have been downloaded / prepared by the faculties for the purpose of teaching-learning process.

D. Monitoring and evaluation of quality enrichment courses (e.g. Analysis through student feedback, industry feedback etc.).

Surprise visits by Principal & HODs to classes, labs are carried out to monitor the staff and students engagement. During staff and HOD meetings, review is taken about syllabus coverage and feedback of students about syllabus coverage, their views about quality of teaching etc. is taken and accordingly necessary action is initiated. Industry feedback is also taken on certain applied subjects & the gap is bridged through supplementary Expert lectures/industrial visits/Practical sessions, certificate courses, etc.

1.3.2 All students have access to value-added programmes such as Communication skills/Soft-Skills

Programmes for communication skill and PDP, Mock Interviews, GD are arranged for all the students as depicted in the table V below.

Table-V: List of Programme on PDP, GD etc.

Value added courses	Date of introduction	Total Number of student enrolled	Remark
Group Discussions	Full Semester	165	Please see Annexure- IV
Mock Interview	Full Semester	162	
Online Aptitude Test 1) SPRUCE	Full Semester	405	
2) MOOCS	Full Semester	478	

1.3.3 Societal Orientation Activity

Table VI: List of social Activities.

Sr. No.	Activity	Organized on
1	Swatchhta Abhiyan	8 th Jan 2019
2	Tree Plantation Drive	3 rd July 2018
3	Blood Donation Camp	1 st Oct 2018
4	Electrical Safety Awareness Rally	8 th Feb 2019
5	Pune to Pandharpur Dindi	9 th Aug 2018
6	Observance of Surgical Strike Day	29 th Sept 2018
7	Devotional Songs and Bhajan Competition on the life of Mahatma Gandhi	25 th Oct 2018
8	Street Run For awareness in Society about Mahatma Gandhi's Mission	30 th Nov 2018

Special day Celebrations:

Table VII: List of various Celebrations.

Sr. No.	Day	Organized on
1	Environment day	5 th June 2018
2	International yoga day	21 st June 2018
3	Guru Pournima Day	16 th July 2018

4	Teachers Day	5 th Sept. 2018
5	Engineers Day	15 th Sept. 2018
6	Savitribai Phule Jayanti	3 rd Jan.2019
7	Republic day	26 th Jan.2018
8	Shiv jayanti celebration	19 th Feb.2019
9	Jagatik Marathi Bhasha Din celebration	27 th Feb.2019
10	Womens day celebration	8 th March 2019
11	Rashtriya Ekta Diwas Pledge	31 st Oct. 2018
12	Hutama Din	30 th Jan 2019

1.3.4 Field Projects / Internships under taken during the year

Internship / summer arranged for the students and details are given in Annexure-IV

Table-VIII: List of summer training Project and Internship

Project/Programme Title	No. of students enrolled for Field Projects	No. of students enrolled for Internships
Internship / summer trainings	14	100

1.4.1 Whether structured feedback received from all the stakeholders?

Table IX: List of stakeholders from whom feedback is received

1) Student	2) Teacher	3) Employer	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

The standard formats are prepared by the institute and the feedback is obtained from all stakeholders from time to time.

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution?

The feedback is collected at various levels viz. Students, Parents, Teachers and Alumni and then it is analyzed and remedial action is taken.

Students Feedback:

The feedback is collected from students as mentioned below:

a. General Feedback: feedback is taken on tri monthly basis regarding the general facilities including mess, canteen, general hygiene and cleanliness. The actions to problems of urgent/immediate nature are addressed by the authorities immediately. The other problems which require management decisions are put up before the BoG/CDC and also addressed accordingly.

b. Faculty Feedback: The academic feedback received at the beginning and at the end of each semester from the students having 60% or more attendance are analyzed and the necessary corrective measures (if any) is suggested to faculties by the Principal/HOD personally.

c. Syllabus Coverage: Feedback about syllabus coverage is also taken from the class at the mid & end session.

Parents Feedback:

The parents' meet is conducted by the college every semester/ year to discuss the issues (if any) and they are informed about the academic process of their ward, the various technical and other activities conducted by college.

Alumni:

The alumni of the college who have moved on to industry or for higher studies give a feedback on how their years in the institution have helped them perform in their places of work/study. The alumni also give constructive suggestions to help their junior students for their overall improvement and online suggestion form is made available to alumni.

Teachers Feedback:

Teachers assess the students through various mechanisms such as regular interaction with students, quizzes, assignments, daily attendance, mid-term examinations, class tests, orals and practical's etc. Accordingly the students are assessed and marks are awarded. The feedback of teacher is collected and suitable action is taken for the benefit of staff and students

CRITERION II -TEACHING-LEARNING AND EVALUATION**2.1 Student Enrolment and Profile****2.1. 1 Demand Ratio during the A.Y. 2018-19****Table X: Demand Ratio during the A.Y. 2018-19**

Sr. No.	Name of the Programme	Number of seats available	Number of applications received	Students Enrolled	
				FE	DSE
1	Mechanical Engineering	600	309	9	81
2	Civil Engineering	240	181	14	51
3	Electrical Engineering	240	169	3	56
4	ENTC Engineering	240	36	1	03
5	Computer Engineering	240	124	32	08
6	Mech. Engg. Design	48	26	24	

2.2 Catering to Student Diversity

Sr. No.	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses
1	Comp Engg	124	-	12

2	Civil Engg	181	-	13	-
3	Elect Engg	169	-	12	-
4	E&TC Engg	36	-	12	-
5	Mech Engg	309	24	30	03

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
82	82	PC PROJECTOR DISPLAY / MONITOR	18	02	NPTEL
					MOODLE
					E-books
					Study materials (video, PPT, PDF files)
					Slide share
					Academic Earth

2.3.2 Students mentoring system available in the institution? Give details.

The Institution follows a tutorial system. A batch of 20-30 students is allotted to a mentor who closely monitors the academic progress of his/her wards. The mentors keep track of the performance of the students. The mentor-mentee relationship goes beyond the realm of only curriculum and syllabus and also encompasses the personal lives of the students. Through feedback from various faculties, it is understood that this process helps in alleviation of many problems of the students both inside and outside the classroom. Every student is mentored twice in a month on various topics through personal interest shown in their welfare. The college has an actively functioning Counseling cell which is headed by an individual Department which offers counseling to the students from time to time. The encouragement is given to students to participate in Co-curricular and extra - Curricular events and is a part of the process of mentoring. The students need a support and opportunity which is provided through the students association and Departmental activities.

2.3.2 Students mentoring system available in the institution? Give details (GFM Details)

Students mentoring system is available in each of the department and the list is given here in under.

1. Mechanical Engineering Department

	Students Enrolled (Nos.)	Name of Teachers (GFM)	Mentor: Mentee Ratio
BE	110	Prof. Adake bhagyashri	6: 18
		Prof. Khedkar Vishal	
		Prof. Shitole Abhijeet	
		Prof. Bhane Ajit	
		Prof. Sarasambi Prabhuling	
		Prof. Sawant Gangaram	
TE	106	Prof. Rathi Satish	6:17.66
		Prof. Zagade Indrani	
		Prof. Madane Sujit	
		Prof. Gaikwad Akash	
		Prof. Verma Avinash	
		Prof. Padekar Akshay	
SE	90	Prof. Rane Tushar	5:18
		Prof. Pingale Rohit	
		Prof. Khajure Nutan	
		Prof. Walunj Pramod	
		Prof. Chakrapani Onkar	

2. Civil Engineering Department

	Students Enrolled (Nos.)	Name of Teachers (GFM)	Mentor: Mentee Ratio
BE	44	Prof. Nikam S. G.	1:15
		Prof. Ghodake R. B.	
		Prof. Bambry S. M.	
TE	51	Prof. Chaudhary J. B.	1:17
		Prof. Dahatre R. S.	
		Prof. Kangiri S. D.	
SE	62	Prof. Zagade S. R.	1:20.66
		Prof. Patil B. D.	
		Prof. Patil S. S.	

3. Electrical Engineering Department

	Students Enrolled (Nos.)	Name of Teachers (GFM)	Mentor: Mentee Ratio
BE	45	Prof. Jyotirmayee Purohit	1:22
		Prof. Shraddha Ahirrao	
TE	65	Prof. Pankaj Ambilduke	1:21
		Prof. Pooja Savalika	
		Prof. Shubhangi Arbale	
SE	62	Prof. Dhiraj Tikar	1:20
		Prof. Priya Patil	
		Prof. Youhan Rajgire	

4. ENTC Engineering Department

	Students Enrolled (Nos.)	Name of Teachers (GFM)	Mentor: Mentee Ratio
BE	09	Prof. Harsh Upadhyay	1:5
		Prof. Shrikant Ganorkar	
TE	18	Prof. Chetan Ugale	1:6
		Prof. Gajanan Birajdar	
		Prof. Vikas Gaikwad	
SE	08	Prof. Pallavi Deorankar	1:4
		Prof. Vaibhav Kadam	
FE	01	Prof. S. P. Bhosale	1:15

5. Computer Engineering Department

	Students Enrolled (Nos.)	Name of Teachers (GFM)	Mentor: Mentee Ratio
BE	14	Prof. Vinod Badgujar	1:14
TE	34	Prof. Vaishali Mali	1:12
		Prof. Bapu Arkas	
		Prof. Kanchan Pradhan	
SE	38	Prof. Baravkar S. L.	1:13
		Prof. Belhekar Minal	
		Prof. Shubhangi Detha	
FE	32	Prof. D. B. Zurunge	1:16
		Prof. Dipali Hodade	

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year (2018-19)

	No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
Mech.	39	17	12	05	00
Civil	17	09	04	03	00
Comp	16	08	05	01	00
E&TC	14	05	04	2	1
Elect.	15	7	04	3	0
Principal-1	1	1	0	0	1
Applied Science	10	2	3	1	1
Physical Director	1	1	0	0	1
Library	1	1	0	1	0
PG Mech.	4	2	2	1	0

2.4.2 Honors and recognitions received by teachers

(Received awards, recognition, fellowships at State, National, International level from Government, recognized 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
2018-19	Prof. Dr. Avinash Desai	Professor	Best Teacher awarded by SPPU, Pune
2018-19	Prof. B. H. Thombre	Asst. Prof.	Best NSS Program Officer by SPPU Pune

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	UG	Sem.-I ,2018-19	29/12/2018	Feb -2019
BE	UG	Sem.-II ,2018-19	29/05/2019	July -2019
M.E	PG	Sem-I,2018-2019	12/12/2018	March -2019
M.E	PG	Sem-II,2018-2019	06/06/2019	July-2019

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

SPPU Pune conducts various examinations to evaluate the students. There are the evaluation examinations of the affiliating university such as Online MCQ Tests (Phase 1 & 2) for First and Second year, In-semester Exam for third and final year, Pr/Or exams and End-Semester exam for all. The end sem. theory examination is conducted at the end of the semester. Thus, all types (objective and subjective) of tests are planned before commencement of each semester. Also, to promote students learning and involvement in extra-curricular activities term work norms are prepared well in advance. The institute has defined set of internal assessment scheme which is as mentioned below:

Internal evaluation reforms:

- Each department has Examination Coordinator for smooth conduct of Internal Tests. The results of each test are declared within a week. The students can see their respective answer sheets and discuss their queries with concerned staff.
- The term work evaluation is done by respective course teachers on regular basis and at the end of semester. The students are notified about their performance in a stipulated format viz.

continuous assessment report (CAR) .Student can discuss any queries about CAR with the concerned teacher.

Continuous Assessment

- The institute believes firmly in continuous evaluation of the students for their sustained performance. Hence a structured evaluation process has been designed and implemented. The tests are prepared and conducted as per the University examination pattern. To prepare students for practical and oral examinations, institute conducts mock Oral/Practical exams. The institute conducts two unit tests, Prelim Exam, Mock Online MCQ Tests and Mock Pr/Or Exams appropriately as per the requirement of the concerned syllabi of different classes.

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

The academic calendar is prepared in the beginning of each academic year and adhered for conducting examination. The college follows the examination schedule of the affiliating University for conducting the examinations. The college strictly adheres to the examination schedule prepared by the examination committee and approved by the principal for conduct of internal examinations. The schedule is displayed on the college notice board and published on the institutions website and is made known to the students through social networking sites too.

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 web link)

The teaching learning process is the back bone of the academic system of any institution. Hence, Institute gives utmost care on teaching learning process so as the communication reaches all the students of different groups. With the advent of technology, teaching methodology has also appropriately evolved. The faculty members concentrate on teaching in addition to research and extension services and have evolved the best possible strategies and techniques of teaching to facilitate learning of students.

The learning outcomes are clearly defined as per courses of the University. They are influential in achieving the mission and objectives of the institute. While defining the learning outcomes, following are taken care of

- They are articulated as complete declarative sentences that clearly describe the knowledge, skills, and competencies that students are expected to acquire as a result of completing their programme of study.
- The resources (faculty, library, labs, technology, software etc) and pedagogy to be adopted for effective course delivery and student learning are determined in consonance with the learning outcomes to be achieved.
- The outcomes are assessed and measured to identify the extent to which goals are accomplished.
- The gaps identified after the analysis are addressed through the properly laid action plan The outcomes assessment plan also specifies the performance targets/criteria (measurable

objectives) that are used by the domain to determine the extent to which the programme learning outcomes are being achieved

The assessment of student learning outcomes is done by using direct and indirect measurement tools like viva, practical and theory internal examinations. Assessments methodology/tools are decided keeping in mind the parameters/learning outcomes to be measured and are informed well in advance to the students and faculty.

2.6.2 Pass percentage of students A. Y. 2018-19

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
BE	Mechanical Engineering	93	46	49%
	Civil Engineering	45	17	37.77%
	Electrical Engineering	41	21	51.21%
	ENTC Engineering	13	12	92.13%
	Computer Engineering	14	14	100%

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 web link) .

A questionnaire mark is prepared to collect student's satisfaction survey and its link is made available on college website for online submission of their views about overall institutional performance.

Students are quite satisfied with infrastructure, teaching-learning methodologies adopted by teachers. The induction programme for F.E. students is appreciated by both parents and students. The GFM scheme is very much helpful to the students and can interact freely with the teachers, which has created a conducive atmosphere and student's teacher relationship is very healthy. The principal, HOD, teachers and office staff is easily approachable and their issues get resolved at the earliest.

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 organizations:

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
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Major projects	Nil	-	-	-
Minor Projects	Nil	-	-	-
Interdisciplinary Projects	Nil	-	-	-
Industry sponsored Projects	Nil	-	-	-
Projects sponsored by the University/ College	Nil	-	-	-
Students Research Projects (other than compulsory by the College)	6 Months	M.S. Technology	Rs.1,50,000/-	Rs.1,50,000/-
International Projects	Nil	-	-	-
Any other(Specify)	Nil	-	-	-
Total	-			Rs.1,50,000/-

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 Industry/Organization	Name of the Dept.	Date(s)
Java Programming	ProError Solutions	Computer Engineering	2 nd Feb 2019
IOT	Orange Research Labs	Computer Engineering	11 - 12 th Sept. 2018
Angular JS	ProError Solutions	Computer Engineering	30 th March 2019
Development of IoT using Arduino	Ardnesh Softronix, Nashik	E&TC Engineering	10 - 11 th Oct. 2018
E-PLAN	Sofcon India Pvt. Ltd	Electrical Engineering	1 - 7 th April 2019
Heat Office ERP	Engg. Design Software & Services	Civil Engineering	14 - 15 th Feb. 2019

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

Title of the innovation	Name of the Awardees	Awarding Agency	Date of Award	Category
Nil	-	-	-	-

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

Incubation Centre	Name	Sponsored by
SRCOE Lonikand	Incubation Cell	Self Financed

Name of the Start-up	Nature of Start-up	Date of commencement
-	-	-

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards:

State	National	International
-	-	-

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

Name of the Department	No. of Ph.Ds Awarded
-	-

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

	Department	No. of Publication	Average Impact Factor, if any
International	Electrical	06	1.8
	Mechanical	03	2.68
	Computer	02	2.2
	E&TC	04	1.5

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year:

Department	No. of publication
E&TC	4
Mechanical	4
Computer	2

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Comparative study on effect of Biodiesel on CI Engine Performance and Emission Characteristics	Prof. Dr. A. D. Desai	Elsevier Journal	2018	3	SRES's Shree Ramchandra college of Engineering, Lonikand, Pune 412216, India	-
Optimization of application of 2-ethyl-hexyl-nitrate on partial	Prof. Dr. A.D. Desai	Springer	2018	-	SRES's Shree Ramchandra college of Engineering, Lonikand, Pune	-

substitution of ethanol in C I Engine for fuel economy and emission control using MADM Method					412216, India	
Parametric Optimization of Engine performance and emission for various N-Butanol blends at different operating parameter condition	Prof. Dr. A.D. Desai	POWER2019-1824, ASME Conference	2019	-	SRES's Shree Ramchandra college of Engineering, Lonikand, Pune 412216, India	-
Buck-boost converter using Fuzzy logic for low voltage solar energy harvesting application	Mr. Chetan Ugale	11th International conference on Intelligent Systems and Control (ISCO)	2017	6	-	6
DC-DC converter using fuzzy logic controller	Mr. Chetan Ugale	International Research Journal of Engineering and Technology	2015	14	-	14
DC-DC Converter for Solar Energy Harvesting using PID Controller	Mr. Chetan Ugale	International Journal For Engineering Applications and Technology	2015	2	-	2
DC-DC Converter for Solar Energy Harvesting using PID Controller	Mr. Chetan Ugale	International Journal For Engineering Applications and Technology	2015	2	-	2

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Comparative study on effect of Biodiesel on CI Engine	Prof. Dr. A.D. Desai	Elsevier Journal	2018	2	1	SRES's Shree Ramchan

Performance and Emission Characteristics						dra college of Engineering, Lonikand, Pune 412216, India
Optimization of application of 2-ethyl-hexyl-nitrate on partial substitution of ethanol in C I Engine for fuel economy and emission control using MADM Method	Prof. Dr. A.D. Desai	Springer	2018	-	-	SRES's Shree Ramchandra college of Engineering, Lonikand, Pune 412216, India
Parametric Optimization of Engine performance and emission for various N-Butanol blends at different operating parameter condition	Prof. Dr. A.D. Desai	POWER20 19-1824, ASME Conference	2019	-	-	SRES's Shree Ramchandra college of Engineering, Lonikand, Pune 412216, India
Buck-boost converter using Fuzzy logic for low voltage solar energy harvesting application	Mr. Chetan Ugale	11th International conference on Intelligent Systems and Control (ISCO)	2017	2	6	-
DC-DC converter using fuzzy logic controller	Mr. Chetan Ugale	International Research Journal of Engineering and Technology	2015	2	14	-
DC-DC Converter for Solar Energy Harvesting using PID Controller	Mr. Chetan Ugale	International Journal For Engineering Applications and Technology	2015	2	2	-

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year:

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	2	7	2	4
Presented papers	2	10	-	-
Resource Persons	-	-	-	-
Total				27 Nos.

3.4 Extension Activities

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

Title of the Activities	Organizing unit/ agency/ collaborating agency	Number of teachers co-ordinate such activities	Number of students participated in such activities
National Unity Day Celebration	NSS	8	162
Blood Donation Camp		7	155
Tree Plantation		30	250

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	No. of Students benefited
NSS Programme Officer	As a best coordinator - Prof. Thombare B.H.	Savitribai Phule Pune University, National Service Scheme, Date: 28/03/2019	-

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

Name of the scheme	Organizing unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
Swachh Bharat Summer Internship Program-2018	NSS	Swachh Bharat Summer Internship program-2018	22	350

Electrical Safety Awareness	SRCOE, Lonikand, Pune	Electrical Safety	15	260
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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/Date of Conduct
-	-	-	-

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-To)	Participants (Nos.)
Internship/Job	Internship Program	ISTC Pvt. Ltd, Kharadi Pune Contact: 020 6632 0143	15 th June to 31 st Aug. 2018	5
Aptitude Test	On Job Training	Sales force Pune	25 th March 2019	40
Field training	Onsite training	Vastushilpa Developers	15 th May to 15 th June 2018	30
Internship	Internship Program	512 Army Base Workshop, Kirkee, Pune-411003	20 th Dec.2018 to 20 th Jan 2019	5
Internship	Internship Program	Western Railway, Carriage Repair Workshop, Mumbai-400013	1 - 15 th July 2018	14
Skill Development Program	Aptitude Training	Barclays Ltd Pune	15- 17 th Oct. 2018 3 Days Program	100
Industrial Visit	GMRT Khodad	GMRT Khodad	28 th Feb. 2019	30
Industrial Visit	BSNL Chinchwad	BSNL Chinchwad	30 th March 2019	9
Industrial Visit	Goa Broadband Network, Panaji	Goa Broadband Network, Panaji	17 th Feb. 2019	60
Industrial Visit	JBMSPL, Chakan	JBMSPL, Chakan	28 th Sept. 2018	70
Industrial Visit	Horiba Pvt Ltd,	Horiba Pvt Ltd,	2 nd March 2019	60

	Chakan	Chakan		
Industrial Visit	Vidyanchal Hydro Pvt Ltd, Chaskman	Vidyanchal Hydro Pvt Ltd, Chaskman	20 th March 2019	70
Industrial Visit	National Defence Academy	National Defence Academy	10 th Feb. 2019	25

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries,

Organization	Date of MoU Signed	Purpose and Activities	Number of students/teachers participated under MoUs
Livewire Pvt. Ltd.	11 th July 2017	To Provide support for projects & Industrial Project training/assistance to the Students.	40
ISASH IT Pvt. Ltd.	7 th June 2017	Organizing joint seminar & workshop, Practical Training, Depute Visiting Faculty, Industrial visit.	55
TCIL-IT Education and Training Centre	16 th Sept. 2017	To conduct Guest lecture and Workshop, faculty training	42
Zerton Engineering Services, Pvt. Ltd.	11 th Dec. 2018	SRCOE College App Development	500/80
VAOM Technology	1 st Feb 2019	To conduct Industrial visit and sponsorship for students projects	35/10
Precast India Infrastructures Pvt. Ltd.	4 th Jan 2019	To study the different precast components used in construction industry and their manufacturing process	35/10
IPROMPT Autotech Pvt. Ltd	4 th April 2018	To Arrange workshop and seminars, testing and certification	70
Engineering Design Software services Pvt.ltd	14 th Feb. 2019	Workshop on Hit office construction ERP 14 th and 15 th Feb 2019	45
MSEDCL, Pune	8 th Feb. 2019	Visit to their facility & training of staff & students. Sponsorship for workshops & rally on electrical safety.	50

ProAzure Software Solutions Pvt. Ltd. Pune	16 th Feb. 2019	Conduct Industrial visit & Sponsorship for student's projects.	80
Professional Creative IT Solutions, Pune	16 th Feb. 2019	Conduct Industrial visit & Sponsorship for student's projects.	80
Breyta	14 th Feb. 2018	To study the different software's used in construction industry and training of the same	120
Red Hat India Pvt. Ltd.	8 th Aug. 2018	Visit to their facility & training of staff & students. Sponsorship for workshops & rally on electrical safety.	88
Windsor Shelters	26 th Dec. 2018	To study the different software's used in construction industry and training of the same	180
CADD Centre	26 th Dec. 2018	To study the different software's used in construction industry and training of the same	180
Hit Office	14 th Feb. 2019	To study the different software's used in construction industry and training of the same	124
Oneness Control Panels Pvt. Ltd.	22 nd Nov. 2018	To conduct Industrial visit and sponsorship for students projects	35

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
4707520	4000000

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	11.5Acres	-
Class rooms	1574.48 sq m (24 Nos.)	Nil
Laboratories	3561.09 sq m (50 Nos.)	Nil
Seminar Halls	612.49 sq m (5 Nos.)	Nil
Classrooms with LCD facilities (Nos.)	13	-
Classrooms with Wi-Fi/ LAN (Nos.)	10	-
Seminar halls with ICT facilities (Nos.)	03	-

Video Centre	03	
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	01	-
Value of the equipment purchased during the year (Rs. in Lakhs)	600000	-
Others- Software AMC, Anti-virus etc.	5,10,373	-

4.2 Library as a Learning Resource

4.2.1 Library is automated:

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Autolib Library Management software (Web POEC)	Fully	Autolib NG	2011

4.2.2 Library Services:

	Existing		Newly added		Total Volumes
	No.	Volumes	No.	Volumes	
Text Books	302	1005	50	250	1255
Reference Books	3030	11306		5443	16749
e-Books	8747	8747	-	-	8747
Journals	57	114	-	-	114
e-Journals	04	-		-	02
Digital Database(168Gb)	825	-	100	-	925
CD & Video	410	-	-	90	500
Library automation		01			01
Weeding(Hard& Soft)	-	-	-	-	100
Others (specify)	-	-	-	-	-

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers (Nos.)	Computer Labs (Nos.)	Internet	Browsing Centres	Computer Center	Office	Departments	Available band width (MbPS)	Others
Existing	391	190	College campus facilitated with 24*7free Wi-Fi to all student and staff 60MbPS	1	100	20	80	60MbPS	Laptop 05

Added	--	--	--	--	--	--	--	---	---
Total	391	190	60MbPS	1	100	20	80	60MbPS	05

4.3.2 Bandwidth available of internet connection in the Institution (Leased line) - YES 60MbPS

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(Pl. Click on following to view it)
Digital Conference Hall	Pictorial view
Language Lab	Pictorial view
Independent website	http://www.sres.in
NPTEL (Video Lectures Access & Download)	Link:27.251.159.254/nptel
Moocs (Massive Online Open Courseware)	https://www.mooc-list.com/
Swayam	https://swayam.gov.in
Spruce	https://cet.hitbullseye.com/spruce/it-services-companies.php
J-Gate (JET) (Online Dictionary Engineering & Science Technology)	http://jgateplus.com

4.3.4 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
Prof. Bawiskar H. S.	Design of 2 stage gear box	Institutional Learning Management System (LMS)	25 th Aug. 2018
Prof. Verma A. B.	Principle Stresses And Strains		25 th Aug. 2018
Prof. Londhe B. P.	Use Of Ray diagram in design for TE Mech		25 th Aug. 2018
Prof. Deokule S.	Computer N/W		25 th Aug. 2018
Prof Snehil barokar	Advanced Data Structure		18 th Aug. 2018
Prof Dr.K.Sujatha	Signals & System		18 th Aug. 2018
Prof. Gajanan Birajdar	Micro controllers and Applications		18 th Aug. 2018
Prof. Kangiri S.D.	Direct And Bending Stress		18 th Aug. 2018
Prof.Bambray S.M	Fluid Mechanics		18 th Aug. 2018
Prof. Priya Patil	Power Quality		18 th Aug. 2018
Prof. Jyotirmayee Purohit	Design of Electrical Machine		18 th Aug. 2018

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
4858500	3406000	4572500	321000

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)

Physical facilities:-In any of the teaching -learning environment ,buildings , playgrounds and mobile structures are provided to enhance efficiency and to meet the criterion of regulatory authority .Hence the institute has sufficient built-up area/buildings comprising of class rooms, well equipped laboratories, work shop, seminar halls, drawing hall, tutorial rooms, computing Centre, language lab ,a rich and resourceful library, reading room ,computers, plotters ,printers, LCD projectors, application and system software are available in adequate numbers as per AICTE/MSBTE/DTE/Affiliating –University norms etc.

The institute is having its boys and girls hostels ,mess ,indoor and outdoor game facilities, fleet of buses (own –transport) ,roof –top solar plant (25KW) ,biogas plant and R.O. plant for water purification. The generator and UPS back- up, lifts, ramps, and W.Cs, boys and girls common rooms are also made available.

Computer& Wi -Fi speed: Sufficient numbers of computers and software are available as per norms, Internet Wi-Fi speed is 60MbPS.The college authorities monitor, control and direct maintenance and utilization of facilities time to time. The college reviews the budgetary requirements for building, furniture, laboratory equipment and computer systems etc prior to the commencement of academic session and its allocation is also furnished for academic requirements.

Maintenance of other support systems: Institute has appointed a maintenance committee that comprises of teachers & non-teaching staff from various departments & office respectively to take care of civil, electrical, mechanical, computer related & other general maintenance and repairs work. In certain case, as the need arises, the maintenance work is out sourced. A separate team of sweepers is available for cleaning class rooms, labs, W.Cs. passages, seminar halls etc. for each of the building ,separate supervisor are available for day to day supervision and even for general maintenance for few of the cases, AMC is signed with different service providers. The college has appointed electrician for repair and maintenance of electrical work facilities in laboratories such as water taps and electrical fixtures are monitored by the respective laboratory technician.

Classrooms, seminar hall: The classrooms, seminar halls are equipped with enough seating capacity and LCD projectors and internet connection, etc.

Maintenance of library facilities: The books and journals are maintained against disfiguring. Stock verification is done as a part of regular monitoring and control. The College has constituted Library Committee for effective accessibility of learning resources to students and faculty. Pest control has been done in library to maintain safety of books termites. Fire extinguishers are provide in the library with a safe assess to main campus- road of the college.

Central library: It is well gripped with sufficient number of titles, volume, and journals etc. as per AICTE norms. It is also having digital library, soft and hard form of old question papers, videos, NPTEL, MOOCS, SWAYAM , e-contents, e-books, etc.

Library activities: Digital library is functioning with internet facility for e-access. The Library has subscribed the DELNET Database of e-journal packages.

- DELNET facility is available to search articles in multiple databases
- The institution is fully computerized at the administration and academic levels.
- Internet facility is made available at the library and entire campus through Wi-Fi

The Library Committee is involved in the following activities:

- Procurement of new books and renewal of journals.
- To frame and implement the rules and strategies for issuing of books and journals.
- To execute guidelines for optimum utilization of resources and better services.
- To maintain and update all library records.
- To address issues and grievances of users.

Sports: Provide healthy leisure time for staff and students in coordination with the student physical director of college. The schedule of the events for the whole academic is finalized well in advance. Sport committee is appointed for organizing/coordinating various events & for sorting out the any issues taking place during the matches (team selection, objection etc). Institute has well equipped gymkhana and facilities for indoor and outdoor games. Students have actively participated in Sports and Cultural activities conducted by University and other Inter-Collegiate Competitions. Table I & Table II, Shows the list of medals won by our student and participation of our student in various sport events respectively.

Table I-List of medals won in sport activities.

Sr. No	Competitions	Winner /Runner -up	Level
1	Boxing	2nd Place	University and other Inter-Collegiate Competitions
2	Cricket Tournament	Winner	
3	Running Boys (1500mtr)	2nd Place	
4	Best Physique	2nd Place	
5	Power Lifting	2nd Place	

Sr. No.	Name of Event	Venue	Date of Event	Total College Participation	Prise
1	Swimming	VPASC Baramati	23-Aug-18	72	Participation
2	Badminton (Boys & Girls)	CT Bora Mahavidyalaya Shirur	27 – 28 th Aug-18	85	Participation
3	Basketball (Girls)	SRCOE Lonikand	29-Aug-18	47	Participation
4	Judo(Boys)	Dr. A.B. College Nigadi	30-Aug-18	42	Participation
5	Football(Boys)	DY Patil college , Lohegaon	31-Aug-18	82	7th Rank
6	Kabaddi(Boys)	ASC college Indapur	15 – 17 th Sep-18	92	Quarter final

7	Chess(Boys)	BVCOE lavale	18 – 19 th Sep-18	103	5th place
8	Best Physics	Indira Art & Science college, Talegaon	15 Sep-18	85	1st Place
9	Power lifting	Indira Art & Science college, Talegaon	20 Sep-18	71	2nd Place
10	Athletics	Sanas Ground	5 – 7 th Oct-18	117	Participation
11	Boxing	BGS College, Wagholi	3 – 4 th Oct-18	58	2nd Place
12	Volleyball	NBN College of Commerce & Science , Kusgaon(BK)	8 -10 th Oct-18	91	6th Place
13	Rifle Shooting	RSCOE , Tathawade	24-Sep-18	21	Participation
14	Cricket	JSPM , Wagholi	25 Oct-18 to 3 Nov-18	128	1st Place

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	Freeship by institute	45	8,95,659/-
Financial support from other sources			
a) National	EBC Scholarship	353	80,57,633/-
	SC-Scholarship	73	48,79,982/-
	SC-Freeship	10	7,02,750/-
	OBC-Scholarship	124	40,58,499/-
	OBC-Freeship	25	4,14,964/-
	VJNT-Scholarship	86	34,23,298/-
	VJNT-Freeship	06	4,16,575/-
	SBC Scholarship	07	3,36,064/-
b)Lila Poonawalla Scholarship	Scholarship for girls	03	1,15,000/-
c) Punjabrao Deshmukh Hostel maintainance		50	7,40,000/-

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

Name of the capability enhancement scheme	Date of Implementation	Number of students enrolled	Agencies involved
Workshop on Awareness of Solar Power Generation and Utilization.	8 th March, 2019	15	Vistar Electronic Pvt. Ltd.
E-Plan Workshop	01 – 08 th April 2019	30	Sofcon Ltd.
Remedial Coaching	01 – 20 th Mar 2019	63	Faculty of SRCOE from (Mech., ETC & FE)
Meditation Programme	23-24 th Feb 2019	51	Heart fullness foundation
Workshop on Heat Office (E Tab)	14 – 15 th Jan 2019	40	EDCC Pvt. Ltd.
Soft Skill	22 - 24 th Jan 2019	150	Barclay Ltd.
Meditation Programme	07 - 10 th Dec 2018	45	Heart fullness foundation
Workshop on E Tab	25-26 th Sept 2019	42	CAD Centre Pune
PLC & SCADA workshop	03 Aug - 10 Sept 2018	36	Sofcon Ltd.
Yoga	21 st June 2018	53	Professional yoga trainer

5.1.3 Students benefited by guidance for competitive examinations and career counseling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counseling activities	Number of students who have passed in the competitive exam	Number of students placed
2018-19	Guidance on MPSC/UPSC	210	180	1	1
	Training for placement drives	232	-	-	124
	GATE Preparation	210	-	-	-
	Guidance on GRE/IELTS	70	-	1	1

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

1. Public Transport System: Approached PMPML and request letter is given.
2. Public Road: Informed ZP and request letter is given. College also took initiative to repair the same. Presently a 30 feet tar road is being constructed by PMRDA which is supposed to get ready for public use by the end of May 2019.
3. Drinking water in summer season: Water tanker frequency is increased and issue is resolved. Because of draught situation, institute's both bore wells are dried and hence tankers are deployed.

5.2 Student Progression

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
13	192	100	13	83	24

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
2018-19	2	Electrical Engineering	Electrical Engineering	DY Patil Institute Pune	MBA (Human Resource)
	2	Civil Engineering	Civil Engineering	MIT Loni Pune	ME (Structural Engineering)
	1	Mechanical Engineering	Mechanical Engineering	SRCOE Pune	ME (Design Engineering)

5.2.3 Students qualifying in state/ national/ international level examinations during the year (e.g: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	NA	NA
SET	NA	NA
SLET	NA	NA
GATE	Nil	NA
GMAT	Nil	NA
CAT	Nil	NA
GRE	Nil	NA
TOFEL/IELTS	1 (IELTS – Mr. Rahul Modhavadia)	R4595149 (Perusing MS at Centennial College, Ontario, Canada)
Civil Services	Nil	NA
State Government Services	1 (Mr. Mahesh Garud)	66003536 (MSEDEL)
Any Other	Nil	NA

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

Activity	Level	Participants
Cultural	Institute level	125
Sport - Cricket	Institute level	120
Sport - Cricket	University level	03

5.3 Student Participation and Activities

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the Student
2018-19	Best NSS Volunteer	SPPU University	-	-	BE-Mech. A44	Mr. Ganesh Rjeshluwar
	Selection in University Cricket Team		Inter-Zonal & Inter-University level Cricket	-	SE-Civil 58	Mr. Jayesh Tambe
				-	SE- Mech B02	Mr. Umesh Katre
				-	SE- Mech B07	Mr. Sanket Kand
	Gold Medal	Zonal Level	Best Physique and Weight Lifting	-	BE-Mech. A01	Mr. Duttatray Chaudhari

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution.

- Institute has formed a Student's Council which takes care of students' representation in various academic and administrative committees. It provides the guidelines for smooth functioning of all the activities for effective participation of student's representatives.
- The academic participation is in Department Advisory Board (DAB) to identify gap in curriculum and need of an industry. Similarly they participate in departmental students association e.g. MESA, EESA, etc. where they help/organize technical events, guests lectures, industrials visits, etc. It includes both participation in administration and academic work as well.
- Presently institute has students representatives in 15 different committees viz., Food and Safety Committee, Hostel committees, etc.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details:

- We at SRCOE take pride in acknowledging that our alumni are our greatest strength. We believe that developing an active and engaged alumni network not only empowers the institute but also to its graduates. In view of this, SRCOE has a registered Alumni Association (Registration No: MH/309/2017/Pune, 28/02/2017).
- The mission of Alumni Association is to build strong mutually beneficial ties between the institute and its diverse alumni through meaningful programs, services and communication.
- The association is organized exclusively to connect alumni of UG, PG and Diploma programmes to the institute and to each other, to provide valued service to members of Association and to support institute's mission of knowledge, education and service.
- Association also takes responsibility of highlighting the achievements of its members in engineering and social life.

- To look after the functioning of the Association an Executive Committee is formed which consists of office bearers and member's viz., President, Vice-President, Secretary, Joint Secretary, Treasurer and Executive members. The Executive Committee consists of faculties and alumni of the institute and the alumni meet is held once every year.
- Different activities are regularly carried out under the aegis of this association. Through activities like Alumni-Student interaction, alumni share their valuable professional experience current students. Alumni willingly participate in various activities viz., delivering guest lectures, guidance session for building racing cars for Go-Kart/Baja events, inviting for industry visits, etc. Details of all such events are provided in Annexure V.
- SRCOE has a strong and active Alumni Network with our alumni placed in reputed organizations and MNCs. They are engaged in training predecessors and in certain technical subjects and helping to get placements. We are sure that in days to come, the interaction shall grow for mutual benefits.

5.3.2 No. of registered enrolled Alumni: 186

5.3.3 Alumni contribution during the year (in Rupees): Rs.1000/- Per student as a membership fees.

5.3.4 Meetings/activities organized by Alumni Association:

Sr. No.	Name of activity	Department	Date
1	'How to work effectively for onsite projects' by Mr. Bhimashakar Shete (Engineer-Minimac Systems Pvt.Ltd.)	Mechanical	6 th May 2019
2	Alumni Meet	Institute Level	9 th Feb. 2019
3	Guest lecture on 'Single Phase & Three Phase Transformers' by Mr. Amol Tarse	Electrical	4 th Feb. 2019
4	'Guidance on Go-Kart Assembly' by Mr. Tushar Rahane & Rahul Muley	Mechanical	15 th Feb. 2019
5	'Project on JAVA and C++' by Mr. Akshay Bohrade	Computer	24 th Feb. 2019
6	'Experience on Site Work' Mr. Akshay Dhumal	Civil	28 th Jan. 2019
7	'Masters Studies in USA' Mr. Aniket Pawar, Mr. Nihkil Selarka	Civil	12 th Sept. 2019
8	'Internet of Things and Machine Learning' by Ms. Pranjali Bhagat	E&TC	21 st Sept. 2018
9	'Role of Embedded systems in Industrial Automation' by Mr. Kiran More	E&TC	4 th Oct. 2018

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

- For participative management, the Principal, HODs, Faculty and student representatives form the core part of the IQAC team as well as College Development Committee. We have

Department Advisory Board and it helps to connect the gap between industry and academia, suggests additional things to bridge the gap.

- Our vision is to be renewed technical institute, imparting quality education. The Leadership is inclusive in nature and seeks valuable guidance of all stake holders for the betterment of students & Lab developments etc.
- The prospective plan of institute for next five years is ready that comprises of Staff, Lab, Infrastructure and Technology development plan.
- Internships, Industrial Training for teachers, add on courses/hands on training are provided to the students to enhance their employability. The management, staff and all stakeholders work hand in hand for better tomorrow.

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

Yes/No/Partial: YES – It is available.

The institution is steadily moving from conventional to automated Management Information System (MIS). The following systems are fully functional in the Institute from last few years.

1. Biometric Attendance System for Staff
2. Library is fully automated and uses the software –“Autolib” for issue-return of books.
3. Institutional email system/issue of various circulars, notices. Time-tables, Assignments etc.
4. Result and Students Performance Analysis System
5. Online system for Daily Reports – e.g. Google forms, Moodle.
6. MOOCS and Google Classroom
7. CCTV and Security Systems
8. Publications in e-version.
9. Android based Apps for various societies and events.
10. Staff and students approval by SPPU, DTE, MSBTE etc.
11. Admissions of UG, PG, Diploma etc. Finance Accounting salary vendor payment, etc. is NEFT or RTGS transfer.

Apart from all these the students are encouraged to develop apps, websites and software as per the requirements. A special software development cell is highly active working on various projects. The social media profile of the institute is also actively managed by the team of students. The latest news, updates and information is provided to various stakeholders through face book, LinkedIn, and other social media platforms.

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following is narrated as under:

• Curriculum Development:

We are affiliated to Savitribai Phule Pune University, Pune and follows the curriculum and syllabus prescribed by the University for all the courses. Affiliated Institutions are not authorized to make any change in curriculum. After every 5 years, University revises syllabi of various courses. Institute being young- We have currently no BOS member. However, we gave suggestions regarding modification of syllabi to university.

• Deployment of Curriculum :

1. We follow a holistic approach for growth and development of students. Our teaching and learning methodology includes brainstorming, paper presentations, quizzes, group discussion, hands on activities, case studies etc
2. We provide adequate infrastructural facilities for teaching learning process.
3. Well qualified and experienced faculty members are back-bone of Teaching-Learning process.

4. Computer Laboratories with latest configured hardware and software are provided.
5. Mentoring of students to provide special care for students who are considered as slow learners. Each GFM has a group of 15-20 students whose overall growth and development are continuously monitored and their problems are discussed.
6. Faculty members are encouraged/deputed for Orientation Program, Refreshers Courses, Workshops/Seminars and FDPs to upgrade their skills and they are constantly in the process of learning so that they can percolate the benefits of their updated knowledge and skills to students.
7. We motivate our faculty members to pursue higher studies.
8. We aspire to be abreast with the latest innovations and technological developments, hence we encourage faculty members to use innovative teaching methodologies.
9. Campus is Wi-Fi and provides facility to staff and students to use internet as e-resource in their studies.
10. Centralized digital Library is available where students can utilize online e-resources for their knowledge building. Library is having adequate number of Titles, Volumes, Journals, magazines, newspapers etc. Remedial and extra classes are engaged for needy students.

- **Examination and Evaluation:**

1. Institute is affiliated to Savitribai Phule Pune University, Pune and it conducts two online exams and one In-sem. exam for FE & SE classes and TE & BE classes respectively. The Oral/Practical exams are also conducted as per the schedule given by affiliating university. The End-sem. exam is conducted after conclusion of the term and weightage of credits/marks are depicted in the course structure of university and is made known both to faculty and students, well in advance.
2. Term-work, Assignments, Seminar Presentations (for TE & BE), Progress Reports/Presentations of Project work is evaluated on continuous assessment basis.
3. Apart from this, each department conducts two unit tests/semester, preferably before the University exam, Assignments and Presentations by students practice viva sessions are organized as a part of continuous evaluation.
4. A systematic approach is followed by all departments for conducting exams and continuous evaluation. Academic schedule is prepared and it contains all the activities related to start & end of semesters, exams submissions and etc. and is displayed well in advance of the commencement of a given semester.

- **Research and Development:**

1. All the departments of the institute have access to well-equipped computer laboratories with adequate infrastructural facilities and software to carry out the research projects.
5. For promoting research various online research journals are subscribed. The Institute's Central library facilitates research-oriented books, journals & e-journals for research references.
6. Almost all faculty members are provided with personal computer which helps them to carry out their research work.
7. The institute has Wi-Fi enabled internet facilities for the easy access to online resources.
8. The faculty members are encouraged to publish their research contributions in various National & International Journals and conferences.
9. The Institute encourages the research scholars by providing on-duty leave to focus on their research, activities.
10. The institute motivates the faculty members to attend research-oriented seminars /workshops / conferences, etc., by providing on duty leave.
11. The Institute encourages faculty members to pursue Ph.D Programmes in reputed universities

and it supports the researchers by providing high end computing facility with necessary software and modern equipments.

- **Library, ICT and Physical Infrastructure / Instrumentation:**

1. Library resources is via Web- OPAC, can be assessed online and is available 24x7.
2. Library is having reprographic facility.
3. For fire safety fire extinguishers are available in the library.
4. Library is having 1 server and 12 computers (02 for library staff and 10 computers for students & faculty). Detailed list of currently subscribed journals are also uploaded on institute's website(both hard and soft journals).
5. Library is having computer terminals for searching content online. Besides this regular e-mail has been sent to faculty to upgrade them with the latest information of library.
6. CD Collection: Library also maintains the CD's received along with the books. The users can get them issued.

- **Human Resource Management:**

We believe in the motto of team building and collective decision making.

1. The Institute organizes various orientation and enrichment programmes for both teaching and non-teaching staff for upgrading their skills in the latest technology.
2. Salary, pay-scale and increments are given to staff members as per norms which leads to employee satisfaction.
3. The management contributes an amount equal to the employee share for EPF with Pension scheme and Group insurance.
4. Institute grants Medical, Casual, On Duty and Special Leave to its faculty members. And Non Teaching gets Medical, Casual and Earned Leave, vacation as per the norms of University. It also provides Maternity Leave according to norms to its female members.
5. The Institute provides Special Leave for pursuing higher studies, attending enrichment courses/seminars/conferences/workshops and exam duties.
6. The faculty and staff members are entitled to avail summer and winter vacations as per guidelines of the University. We have Biometric, CCTV facility which are used for human resource management.
7. Yoga meditation, Personality development, and interpersonal relationship programs are conducted on regular basis for teaching and non-teaching staff.

- **Industry Interaction / Collaboration:**

Efforts are made to build and maintain excellent rapport with the Top Management of various Organizations and Industries and forge collaborative Industry, Academia alliances. This provides a unique and rare opportunity provided to students to learn practical aspects/concepts. Institute has signed sufficient number of MOU's with major companies, that includes the sponsorships and support for projects, internships to students, industrial training to faculty, expert lectures, workshops/Seminars etc. Some of the major companies which visited the campus in the last academic session for campus drive are as under:

1. ISTC Pvt. Ltd EON IT Park, Kharadi, Pune
2. Dhoot Techno/Elements Prefab Pvt. Ltd, Ranjangan MIDC
3. ISTC Pvt. Ltd, Sanaswadi, Pune
4. SECO Tools Ltd., Sanaswadi, Pune
5. Kalyani Forge Ltd., Sanaswadi, Pune
6. Dhoot Transmission Pvt. Ltd., MIDC, Aurangabad
7. Tec Ministry Software Pvt. Ltd.

8. Rubicon India Pvt. Ltd.
9. IIHT India Pvt. Ltd.
10. Zamil Steel India building Ltd.,Pune
11. Junwell India Pvt. Eon IT Park Kharadi, Pune
12. Durosox India Pvt. Ltd, Pune
13. Hi Physix Laboratory Pvt. Ltd., Pune
14. Yash Industries Pvt. Ltd, MIDC, Chakan, Pune
15. Dynamic Tranc System Pvt. Ltd, MIDC, Chakan, Pune
16. Minda Group Pvt. Ltd.
17. Tech Mahindra Ltd., Pune

- **Admission of Students:**

It is done through "MH-CET" an Entrance Examination conducted by DTE-Mumbai/Admission Regulating Authority, Government of Maharashtra, Mumbai and through "JEE(main)" exam. The entire process is online and through various CAP (Central Admission Process) rounds, admissions are effected and reservation policy and eligibility criteria as laid down by government of Maharashtra are strictly followed. The admission schedule is published on DTE-website, through leading newspapers and information brochure, immediately after the declaration of HSC (12th Std.) results. Ours being an un-aided institute, 20% admissions are done at institute level, abiding by eligibility norms of DTE/AICTE/University/ARA Mumbai etc.

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

- **Planning and Development:** Majority of the academic, administrative activities are well planned and circulars/notices etc are issued using social media, e-mails, college website etc. For entire college management ERP software is used.
- **Administration:** The institute/department level notices, circulars etc. are issued via e-mail, What's app etc. for which staff and students are using smart phones. In certain cases, hard copies are displayed on notice boards. The biometric attendance is mandatory for teaching and non-teaching staff. The admissions, teacher's approvals, finalization of merit lists of students, scholarship proposals etc. is done online as per the schedule of concerned authorities. Entire campus is under CCTV surveillance. The notes, paper solutions, previous question papers, etc are provided to students via e-mail. Affiliation related work of regulating bodies Viz. AICTE, DTE, MSBTE, and University is done online.
- **Finance and Accounts:** The "Tally" software is used for financial management. i.e. for preparing institute's balance sheet. Staff payment is done via internal bank transfer. Supplier's payment is done through cheques, RTGS/NEFT or e-transfer. TDS, PF, PT etc are transferred online. The affiliation fee of AICTE, DTE, MSBTE, University etc is paid online. Exam fees and eligibility fee is paid to university online.
- **Student Admission and Support:** Ours is a DTE/ARM, Mumbai approved ARC i.e. Application Receiving center and F.C.(Facilitation center) during the admissions of each academic year. In ARC/FC students fill their relevant data for admissions and upload scanned copies of their testimonials on admission portal of DTE/ARA. The dedicated staff is posted/deputed for ARC/FC work. Scanning, photocopying etc. Facility is provided to the students. As per the admission schedule of DTE/ARA, Mumbai, the center is kept open to help the students. Career Counseling presentations, the entire admission process and each of the minute details of CAP rounds are informed to the students. The list of documents required by 'open' and 'reserved category students, eligibility criterion, scholarships available etc. is displayed on notice boards and through social media it is sent to the prospective candidates.

For any queries/assistance, the staff is available on phone. Help is rendered to the student to fill the forms of exam, scholarships etc. The job opportunities, Soft skill/aptitude training, certificate/add on courses are provided to the students so as to enhance their employability. Students are also enrolled for software which helps them to attempt mock online aptitude tests of various recruiters, increase vocabulary and communication skills, view videos of certain subjects for better understanding. Students are encouraged to participate in NSS, technical, Sports and life-long learning activities. They can participate in Earn and Learn scheme as per the eligibility criterion of university.

- **Examination:** For institute and university level theory, oral/practical exams, clean, well ventilated rooms are available for writing exams. There is a separate examination cell, which looks in to the total management of all types of exams, it includes allotment of duties, distribution of question papers submitting answer booklets to central assessment centers of university, display of time tables etc. Question papers are received online for which internet facility, desktop and printers, multiple photocopiers, is made available in exam control room.

6.3 Faculty Empowerment Strategies

6.3.1 Teachers are provided with financial support to attend conferences / workshops and towards membership fee of professional bodies. They are encouraged to attend FDPs, Industrial training, Soft skill, Personality development programmes. They are motivated to enroll for higher studies. (Refer Annexure No VI-A)

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year. (Refer Annexure No VI-B)

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year.(Refer Annexure No VI-C)

Teaching (80)		Nonteaching (47)	
Permanent	Fulltime	Permanent	Fulltime
80	80	47	47

6.3.5 Welfare schemes for

Teaching	Group Insurance Schemes, EPF of C.L. and medical leave are provided. The institute sponsors the research publications and registrations to academic conferences. Institute organizes workshops, FDPs, seminars and conferences. Teaching/Non-teaching staff is rewarded with certificates, on festive occasions, lunches, snacks are organized. Subsidized in campus housing and meals are provided in the hostel mess.
Non teaching	Earned Leave, EPF, Maternity Leave is provided.
Students	Cash prizes and certificates are given to merit holders in sports and academics. Industrial trips are organized and several workshops, training sessions are conducted for their overall improvement. In campus hostel facility with quality housing and meal is provided to students. Regular interaction with parents is done to ensure a coordinated effort for the welfare of the students. Medical check-up camp is organized each year. Student Development Board organizes various activities for the development of students. i.e. Earn and Learn Scheme, Special Guidance Scheme, Samarath/Swachh Bharat Abhiyan, Soft Skill Program etc.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly: YES

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/ Grants received in Rs.	Purpose
SPPU, Pune	52607/-	IOT Workshop under QIP
SPPU, Pune	39690/-	HIT Office construction workshop under QIP
Solar Plant	5 Lakh	Equipment purchase
Sports Equipment	1 Lakh	Equipment purchase

6.4.2 Total corpus fund generated – Rs 6,92,297/-

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	Authority
Academic	YES	CEDA	YES	Principal/HODs
Administrative	YES	CEDA	YES	Principal/HODs

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

1. We conduct regular meetings and telephonic contact with the parents on monthly basis after attendance. Feedback from parents is given due consideration.
2. Parents are cordially invited for Orientation Programme of their wards on their first Day of College every year

6.5.3 Development programmes for support staff (at least three)

1. Workshop on Stress Management conducted by Heart fullness Foundation
2. Organized different games on memory enhancement techniques.
3. Guidance on MahaDBT-Scholarships and Tally software

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

1. Rigorous industrial tours and report lectures are arranged.
2. Focused training/certification programmes, add on courses to enhance employability of students.
3. Orientation programme for FE, Career counseling lectures for TE/BE students, Soft skill training (twice) and guidance on yoga-meditation for SE to BE students was organized.

6.5.5

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 activity	Duration	Number of Participants
2018-19	Barclay's Training	22 nd Jan 2019	22 - 24 th Jan 2019	100
2018-19	Heart fullness Meditation Program	23 rd Feb 2019	23 - 24 th Feb 2019	50

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 Institutional Values and Social Responsibilities

7.1.1 Gender Equity

Sr. No.	Title of the programme	Period	Participants (Nos.)		Photo of Event
			Female	Male	
1	Celebrating International Women's Day	08/03/2019	40	10	
2	Faculty Medical Check Up	06-05-2018	15	35	
3	Meditation program by Heartfulness Foundation	23-24 th Feb.2019	08	30	
4	Guest lecture on "Competitive Exams"	25 th March 2019	20	45	

5	Electrical Safety program	8 th Feb.2019 8.30am to 12.30pm	20	40	
6	Yoga Day	21 st June 2018	42	37	
7	Unity Day	31 st Oct. 2018	29	121	

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources:

Sr. No.	Power Supply Source	Power Consumed per hour kw	Total Power Consumption per hour
1	From MSEB	82 Kw per hour	107 Kw per hour
2	From Solar plant	25 Kw per hour	
3	Florescent bulbs replaced by LED		
4	No underground cables for landline phone. Hence using mobile & wireless internet connections		
5	For electricity failure- DG set is made available		

7.1.3 Differently abled (Divyangjan) friendliness






Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes, Ramps, Wheelchair, W/C etc	For All
Provision for lift	Yes, Available for the buildings	For All
Ramp/ Rails	Yes	For All
Braille Software/facilities	NA	-
Rest Rooms	Yes, Available	For students
Scribes for examination	-	-
Special skill development for differently abled students	-	-
Any other similar facility	-	-


7.1.4 Inclusion and Situatedness


Enlist most important initiatives taken to address locational advantages and disadvantages during the year

7.1.4.1 Advantages:

7.1.4.1.1 NSS Activities:

Sr No	Name of Activity Organized	Date & Duration	Resource Person	Venue	Participant (Nos.)	Photos of Event
1	Tree Plantation	5 th June 2018	-	SRCOE	NSS Students-37	
2	Swachh Bharat Summer Internships 2018	1 st July 2018	-	SRCOE	SRCOE Students-152	
3	Dindi (Vaari) Swacha Bharat Abhiyaan 2018	9 th Aug. 2018	-	Loni kalbhor	NSS Students-58	
4	Observance of Surgical Strike Day	29 th Sept. 2018	Major Subedar Taturam Gautam	Computer Seminar Hall SRCOE	NSS and SRCOE Students-115	
5	Devotional Songs and Bhajan Competition on the life of Mahatma Gandhi	25 th Oct. 2018	-	Mechanics Seminar SRCOE	NSS Students-26	

6	Blood Donation Camp at SRCOE	17 th Oct. 2018	-	SRCOE	NSS Students-80	
7	National Unity Day Celebration on the Occasion of 143rd birth Anniversary of late Sardar Vallabhbhai Patel Run for Unity Rally	31 st Oct. 2018	-	BJS College Gate	NSS and SRCOE Students-118	
8	National Unity Day Celebration on the Occasion of 143rd birth Anniversary of late Sardar Vallabhbhai Patel Rashtriya Ekta Diwas Pledge	31 st Oct. 2018	-	Computer Seminar Hall SRCOE	NSS and SRCOE Students-150	
9	NSS Camp at Bakori Village	07- 14 th Jan 2019	Prof. Sunil Devkule	Bakori Village	NSS Students-25	

10	Hutama Din at SRCOE	30 th Jan 2019	-	Computer Seminar Hall SRCOE	NSS and SRCOE Students- 125	
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7.1.4.1.2 Implementation / Promotion of Government Schemes (State & Central):

Sr. No.	Title of a Scheme	Description of Scheme	Dates / Period of Conduct of Activity	Beneficiary/ Stake holder
1	Educational Scholarships	EBC, OBC, SC/ST/VJNT/NT, Dr. Panjabrao Deshmukh Hostel Scholarship Yojna, TFWS etc. AICTE schemes for PG/UG/Diploma	10 th Oct.2018 to 31 st Jan.2019. 31 st Oct.2018 to 15 th Nov.2018	Students
2	National Service Scheme (NSS)	The programme aims to inculcate social welfare in students and to provide service to society without bias. NSS volunteers work to ensure that everyone who is needy gets help to enhance their standard of living and lead a life of dignity. In doing so, volunteers learn from people in villages how to lead a good life despite a scarcity of resources. It also provides help in natural and man-made disasters by providing food, clothing and first aid to the disaster's victims. It also aims at promoting technical schemes for upliftment of society at large.	07 th -14 th Jan.2019	<ul style="list-style-type: none"> • Students • Nearby Villages & Villagers etc.
3	Pradhan Mantri Kaushal Vikas Yojana (PMKVY)	Pradhan Mantri Kaushal Vikas Yojana (PMKVY) is the flagship scheme of the Ministry of Skill Development & Entrepreneurship (MSDE). The objective of this Skill Certification Scheme is to enable a large number of Indian youth to take up industry-relevant skill training that will help them in securing a better livelihood. Individuals with prior learning experience or skills will also be assessed and certified under Recognition of Prior Learning (RPL). Under this Scheme,	A. Y. 2018-19	<ul style="list-style-type: none"> • Indian youth to take up industry-relevant experience or skills training,. • Industry, etc.

		Training and Assessment fees are completely paid by the Government.		
4	National Skill Development Corporation (NSDC)	The National Skill Development Corporation (NSDC) is an Indian not-for-profit company set up to address the need for providing skilled manpower across various industry sectors.	A. Y. 2018-19	<ul style="list-style-type: none"> • Indian youth. • Skilled manpower across various industry sectors.
5	Digital India	Some of the facilities which will be provided through this initiative are Bharat net, digital locker, e-education, e-health, e-sign, e-shopping and national scholarship portal. As part of Digital India, Indian Government planned to launch Botnet cleaning centers. Digital payment-To monitor the growth of digital payments, Digidhan a platform for accurate reporting, monitoring and analysis of all digital payments transactions occurring in the country and enablement of infrastructure through deployment of Mobile/BHIM Aadhaar PoS devices. It will help in tracking the growth of digital payment transactions in the country and will provide inputs for effective planning of digital payment promotional activities.	A. Y. 2018-19	<ul style="list-style-type: none"> • Students • Parents • Teaching & Non Teaching Staff • Indian citizens • Black money eradication
6	Swachh Bharat Abhiyan	Swachh Bharat Abhiyan or Swachh Bharat Mission is a nation-wide campaign that aims to clean up the streets, roads and infrastructure of India's cities, towns, and rural areas.	02 nd Oct.2018, 08 th -12 th Jan.2019	Clean up the streets, roads and infrastructure of India's cities, towns, and rural areas.
7	Smart India Hackathon 2019	Smart India Hackathon 2019 is a nationwide initiative to provide students a platform to solve some of pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving.	16 th Dec.2018 to 31 st Jan.2019	<ul style="list-style-type: none"> • Students • Teaching & Non Teaching Staff
8	National Health Mission	The National Health Mission (NHM) encompasses two sub missions, the National Rural Health Mission & the National	04 th Aug.2018, 06 th Sept. 2018	<ul style="list-style-type: none"> • Students • Teaching & Non Teaching Staff • Villagers

		Urban Health Mission. The main programmatic components include health system strengthening in rural & urban areas, reproductive material neonatal child & adolescent health & communicable & non communicable diseases. The NHM envisages achievement of universal access to equitable, affordable & quality health care services that are accountable and responsive to people's needs.		
9	Education Loan Scheme	Under this Scheme Interest Subsidy is given during the moratorium period i.e., Course period plus one year on Education Loan taken from the Scheduled Banks under the Model Education Loan Scheme of Indian Banks Association to students belonging to economically weaker sections whose annual parental income is up to Rs. 4.5 Lakh from all sources. The subsidy is allowed for undergoing recognized Professional/ Technical courses in recognized Institutions in India. This subsidy is allowed only once.	A.Y.2018-19	Students
10	Earn & Learn Scheme	The main objective of the scheme is to develop a student as a multifaceted personality with academic excellence and a commitment to an egalitarian society. India lives in her villages and to bridge the gap between rural Bharat and urban India, this scheme is basically undertaken for the benefit of students coming from the rural areas, who are economically weak, intelligent, and meritorious but cannot afford higher education, needy and financially hard pressed. It inculcates in the student the idea that no work is big or small and develops a work culture with the right attitude.	01st Aug.2018 to 28th Feb.2019	Students

11	NTA-Test Practice Centre	Regular guidelines to students for preparation of JEE, NEET, MH-CET etc. Awareness & importance of their exam.	27 th Aug.2018 Onwards	HSC Science Students
12	Webinars / Live or Recorded Telecast of Programmes.	Hon. PM's interaction with students, parents & teachers in Mann Ki Baat, Teacher's Day, IT professionals, Pariksha Pe Charcha etc. Smart India Hackathon-2019 through Video Conferencing.	05 th Sept.2018, 29 th Jan.2019, 06 th -07 th Dec. 2018	<ul style="list-style-type: none"> • Students • Parents • Teaching & Non teaching staff
13	Pradhan Mantri Awas Yojana (PMAY)	Awareness about Pradhan Mantri Awas Yojana-Housing for All (Urban & Rural) Ministry of Housing and Urban Affairs Government of India.	08 th -14 th Jan.2019	Nearby Villages & Villagers etc
14	Pradhan Mantri Matru Vandana Yojana (PMMVY)	Awareness about PMMVY & Promoting appropriate practice, care and institutional service utilization during pregnancy, delivery and lactation. Encouraging the women to follow (optimal) nutrition and feeding practices, including early and Exclusive breastfeeding for the first six months, and Providing cash incentives for improved health and nutrition to pregnant and lactating mothers.	08 th -14 th Jan.2019	Village Women

7.1.4.2 Disadvantages:

1. Initiative regarding repair of approach road.
2. Bus terminus extension till Bakori Village.
3. Request to local auto rickshaw drivers to play the autos during working hours.

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Sr. No.	Title	Date of Publication
1	Admission codes	10 Aug. 2016
2	Hostel Admission	15 Jun. 2015
3	Alumni Code of conduct	18 June 2015
4	Staff Selection & their responsibilities	29 Feb. 2016
5	Vendor Codes & PO's & SOP for purchases book, equipments etc.	3 Feb. 2015
6	Parents Visit, meetings	6 Jul. 2016
7	Sports regulations/ guidelines	13 Jun. 2016

7.1.6 Activities conducted for promotion of universal Values and Ethics



Sr. No.	Activity	Duration (from- to)	Number of participants	Photo
1	Blood Donation	17 th Oct.2018 (One Day)	85	
2	Road Safety Awareness	7 th Feb.2019 (One Day)	65	
3	Disaster Management & Fire Safety Drill	4 th Oct.2018 (One Day)	100	
4	Talk on Eminent Personalities: Shivaji Maharaj on the occasion of Shiv Jayanti	19 th Feb. 2019	220	

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

Sr. No	Title of the Programme	Period	No of Participants	Photo
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1	Tree Plantation Activity in SROE Campus	16 th July 2018	62	
2	PUC Test Camp	11 th Feb. 2019	66	
3	Tree Plantations, Hilly area opp. College building and Bakori Road side	4 th July 2018	56	
4	Swachh Bharat Abhiyan, No Plastic at SRCOE campus	1 st July 2018	55	
5	Biogas at SRCOE	4 th Aug. 2018	20	

7.2 Best Practices

Sr. No.	Title of Best Practice	Participants/ Beneficiary	Attach Proofs/ Photos
1	Sports and creative activities: - Department organized sports and creative activity for first year students during Induction Program to provide an exposure and boost the hidden talent of new comers.	First year students	Induction Report
2	Industrial Visits: - Department engaged two industrial visits to acquaint the students with practical and basic knowledge.	First year students	Visits report, photos
3	Remedial Lectures	65	Remedial lectures for slow learner students as well as difficult subjects
4	Guardian faculty Member	105	Guardian faculty Member Scheme is available to address the issues of Students by faculty dedicated faculty member
5	Online Feedback	All Students	-
6	Workshop on Hit Office Construction ERP in Computer Engineering Dept.	64	
7	In house development of Project in Electrical Engg. Dept.	20	

8	Techno Participation: SMART INDIA HACKATHON Dated 15 April, 2019 at College of Engineering, Pune	15	
9	Visit to National Defense Academy, Khadakwasla Dated 10 Feb. 2019	58 students & 2 Faculties	
10	PLC & SCADA workshop in Electrical Engineering Dept. Dated 03-09-2018 by Vishal Sawant & Suman Trivedi	30-Final year students with two faculty	
11	E- plan workshop in Electrical Engg. Dept. Dated 4 Feb. 2019	Final year students with three faculty	

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust. Provide the web-link of the institution in not more than 500 words

1. Approved by AICTE, New Delhi, DTE, MSBTE, Govt. Of Maharashtra and affiliated to Savitribai Phule Pune University, Pune.
2. Beautiful, lush green, eco-friendly campus with state-of the-art infrastructure spread over 11 acres of land.
3. Dynamic, dedicated, experienced, qualified and result - oriented teaching faculty.
4. Well-equipped laboratories, Workshop, language lab etc.
5. Excellent Computer Center with 24x7 high speed internet facility with high band width.
6. Conduct unit Test and MOCK Online Exams
7. Food Safety committee is in place which ensures that hygienic food is served in hostel mess and canteen of the institute.
8. Excellent Library and information center with rich collection of textbooks, reference books, national and international journals, NPTEL, MOOCS, SWAYAM facility is available. e-Books, e-Journals and digital library- section with audio video is available. Reprographic and document scanning facility is made available.
9. Students and teachers are encouraged for industrial training.
10. Workshop/seminars/hands on training on latest technology and value added courses provided to the students.
11. MOU's are signed with different industries.
12. Regular soft skill, aptitude training programmers & MOCK interviews are arranged.
13. We conduct/arrange guest/expert lectures and orientation programs.
14. We organize cultural, sports and extracurricular activities.
15. Sufficient parking for students, staff and visitors is available.
16. To and fro transport facilities from Pune city to college campus.
17. Practice sessions, for on-line exams, through mock-tests are conducted. (for FE & SE Students)
18. Indoors and out-door sports facilities are available.
19. Extra remedial lectures / guidance classes are arranged for slow learners to improve their academics.
20. Rigorous industrial visits are organized for practical exposure.
21. Training & placement cell provides jobs, project sponsorships and assistance for Industrial Visits & guest lecturers etc.
22. Yoga, meditation regular session by Heartfulness Institute
23. Career counseling sessions guidance few GATE, TOFEL, GRE, UPSC/MPSC, etc.
24. Earn & learn scheme is in place, also educational loan facility for desirable and eligible students is made available

Part A- Point no 12: Significant Activities and Contributions made by IQAC

IQAC works with an objective to ensure continuous improvement in overall functioning of the institute. Significant activities and contributions made by IQAC are as follows:

- MOU with Barclays for the soft skill and personality development training to students where activities like group discussions, personal interviews, etiquettes and behavior, etc. are carried out.
- Institute has provided “SPRUCE” software to students of FE to BE, all programmes in which they can undergo online training on English language, soft skills, aptitude tests, and can observe the videos of conceptual subjects. The utility of the said software is communicated to the students through “trained teachers”.
- Summer internships and training of minimum 60 Hrs. for teachers and 80 Hrs. for the students is made mandatory in each academic year. For First Year (FE) one week induction program is conducted. It comprises of industrial training and visits, workshops, seminars, meditation, medical check-up, career counseling, etc. is conducted.
- Motivating students and staff for NPTEL certifications and to observe video lectures available on MOOCS, SWAYAM, etc. along with career guidance to students regarding MPSC, UPSC, GATE, GRE, TOFEL, IELTS, etc.
- Regarding sustainable development, institute has prepared it’s environment and paperless policies and established Green Club/Cell of institute.

Annexure- II

Part A- Point no 13: Plan of action by IQAC in the beginning of the academic year towards Quality Enhancement and outcomes achieved by the end of the Academic year:

Plan of Action	Achievements/Outcomes
To organize workshops on enhancing Employability Skills for current BE students.	3 days training program was conducted for BE students in collaboration with Bulls Eye Knowledge Systems Pvt. Ltd. to enhance employability skills, interview techniques, group discussion, soft skills, etc.
To carry out Training Programs on improving English speaking.	Students whose English communication is weak are identified and special training sessions were conducted
To carry out Seminars, Workshops, Guest Lectures and industrial visits.	Industry oriented knowledge is delivered by conducting following activities: Workshops/FDP- 11; Industrial Visits-33 Guest Lectures/Seminars- 27
To strengthen career guidance and placement cell.	Special seminars on Career Opportunities, Higher Studies and Competitive Examinations are conducted in collaboration with renowned institutes like ACE , IDP Pune, etc.
Encouraging students to participate in various Inter-collegiate competitions/ Technical Fests, Internships, Social activities, Sport and cultural events.	Participation of students is as follows: Sport and cultural events- 150; Internships- 94; Social activities- 130 Technical-fests/Inter-collegiate competitions-68
To promote entrepreneurship attitude amongst students.	Institute has established Entrepreneurship Development Cell through which various seminars and knowledge transfer sessions are organized.
To increase interaction with alumni.	Institute has established Alumni Association in A.Y. 2017-18. Annual Alumni meets are conducted. Alumni actively participate in sharing their knowledge with present students through lectures & practical sessions.
To motivate faculties for publication of research papers in international journals and conferences.	Participation of number of faculties is as follows: National/International Journals- 15; National/International Conferences- 10
Value added courses	Training on CATIA, Prima Vera, Hit-office (Construction ERP),E-tab, StaddPro, E-plan, Python, PLC-Scada, etc are conducted.
Subject specific industrial visits and guests lectures	Expert Lectures on Autocad, IOT, Machine Learning, 3D Printing, etc.
Seminars on Emerging Technologies	Seminars on Additive manufacturing, Machine Learning, Internet of Things, Sustainable Energy, etc. were organized.


Student feedback Analysis – A.Y. 2018-19

Feedback from all students of FE, SE, TE & BE of all branches are collected and 16 different parameters are considered for academic audit for A.Y.2017-18. After averaging the feedback reports, following table is prepared which depicts the % of academic performance of a given department.

A.Y.2018-19			
Sr. No.	NAME OF THE DEPARTMENT	OCT. 2017 SEM-I (%)	APR. 2018 SEM-II (%)
1	CIVIL	88.56	89.15
2	COMPUTER	85.37	87.53
3	MECHANICAL	85.44	87.42
4	ELECTRICAL	87.73	89.25
5	ELECTRONICS AND TELECOMMUNICATION	88.73	90.25
6	ENGINEERING AND APPLIED SCIENCE	84.58	80.12

Note: The above percentage of feedback is graded as under

1. Below Average: 31-45
2. Average: 46-60
3. Good: 61-75
4. Very Good: 76-90

		SRES's SHREE RAMCHANDRA COLLEGE OF ENGINEERING Lonikand, Pune – 412216	
Reference No: SRCOE/2018-19/ 804		Date: 03.05.2018	
Academic Calendar of the Institute – Sem. I			
Sr. No.	Activities	Year	Date(s)
01	Commencement of Teaching	F.E	17/07/2018
		S.E/T.E/B.E	15/06/2018
		ME I Year	17/07/2018
		ME II Year	02/07/2018
02	Industrial Visit(s)	S.E/T.E/B.E/ ME	1 st week of July 2018
03	Attendance Submission & Assessment of Journals & Assignments	F.E/S.E/T.E/B.E	16/07/2018
04	Unit Test-I –Dept. Level	S.E/T.E/B.E/ ME	2-4 th Aug. 2018
05	Seminar/ Workshop(s)	F.E/S.E/T.E/B.E	3 rd week of Aug. 2018
06	Guest/Expert Lecture(s)	F.E/S.E/T.E/B.E	3 rd week of Sept. 2018
07	Online Examination Phase –I-SPPU	F.E.	3-8 th Sept. 2018
08	Attendance Submission & Assessment of Journals & Assignments	F.E/S.E/T.E/B.E	14/08/2018
09	Students Feedback	F.E/S.E/T.E/B.E	17/08/2018
10*	Alumni Meet	-----	18 th Aug. 2018
11	In Semester Exam-SPPU	T.E/B.E	20-24 th Aug. 2018
12	Unit Test-II- Dept. Level	S.E/T.E/B.E/ ME	6-8 th Sept.2018
13	Attendance Submission & Assessment of Journals & Assignments	F.E/S.E/T.E/B.E	14/09/2018
14	Online Examination Phase –II-SPPU	F.E.	9-13 th Oct. 2018
15	Prelim Exam	S.E/T.E/B.E	16-18 th Oct. 2018
16	Project Presentation Phase –I College Level	BE	13/10/2018
17	Final Attendance Submission & Assessment of Journals & Assignments	F.E/S.E/T.E/B.E/ME	16/10/2018
18	Diwali Vacation	F.E./S.E/T.E/B.E/ ME	3-10 th Nov. 2018
19	Term Work Final Submission	F.E/ S.E/T.E/B.E	17-19 th Oct. 2018
20	Conclusion of Teaching	F.E	11/11/2018
		S.E/T.E/B.E	17/10/2018
		ME I Year	11/11/2018
		ME. II Year	24/10/2018
21	Practical/Oral Examination-SPPU	S.E/T.E/B.E	20 th Oct. to 3 rd Nov. 2018
		ME I Year*	20-22 nd Nov. 2018
		ME. II Year	26 th Oct. to 3 rd Nov. 2018
22	Theory Examination-SPPU	S.E/T.E/B.E	14 to 08 Nov 2018
		ME I Year	11/12/2018
		ME. II Year	12-28 th Dec. 2018
23	Online Examination	S.E	12-16 th Dec 2018

*Note:- i.)Subject to change as per the schedule of University for A.Y. 2018-19
 ii)SPPU- Savitribai Phule Pune University.
 iii)List of holidays is available on college website/vacation slot.

Prepared by

Checked by

Principal

Record: A/Course File/Academic Calendar of Institute/

Revision 0



SRES's
SHREE RAMCHANDRA COLLEGE OF ENGINEERING
Lonikand, Pune – 412216

Reference No: SRCOE/2018-19/804 A

Date: 03.05.2018

Academic Calendar of the Institute – Sem. II

Sr. No.	Activities	Year	Date(s)
01	Commencement of Teaching	F.E/S.E/T.E/B.E	17/12/2018
		ME I & II Year	15/01/2019
02	Annual Social Gathering & Sports etc.	F.E/S.E/T.E/B.E/ME	27-29 th Dec. 2018
03	Attendance Submission & Assessment of Journals & Assignments	S.E/T.E/B.E	17/01/2019
04	Alumni Meet	-----	25 th Jan. 2019
05	Online Examination Phase –I-SPPU	F.E.	5-10 th Feb. 2019
		S.E.	29-2 nd Feb. 2019
06	Industrial Visit(s)	F.E/S.E/T.E/B.E	2 nd week of Feb 2019
07	Seminar/ Workshop(s)	F.E/S.E/T.E/B.E	3 rd week of Feb 2019
08	Guest/Expert Lecture(s)	F.E/S.E/T.E/B.E	Last week of Feb 2019
09	Attendance Submission & Assessment of Journals & Assignments	F.E/S.E/T.E/B.E	16/02/2019
10	Students Feedback	F.E/S.E/T.E/B.E	18/02/2019
11	Unit Test-II- Dept. Level	F.E/S.E/T.E/B.E/ME	7-9 th Feb.2019
12	Parents Meeting	F.E/S.E/T.E/B.E/ME	8 th Mar. 2019
13*	In Semester Examination - SPPU	T.E/B.E	5-9 th Mar. 2019
14	Online Examination Phase –II-SPPU	F.E.	5-10 th Mar. 2019
		S.E	5-11 th Mar. 2019
15	Unit Test-II- Dept. Level	F.E/S.E/T.E/B.E/ME	21-23 rd Mar. 2019
16	Attendance Submission & Assessment of Journals & Assignments	F.E/ S.E/T.E/B.E	16/03/2019
17	Project Presentation Phase - II	BE	30/03/2019
18	Prelim Exam	S.E/T.E/B.E	3-5 th Apr. 2019
19	Attendance Submission & Assessment of Journals & Assignments	F.E/ S.E/T.E/B.E	05/04/2019
20	Term Work Final Submission	F.E/ S.E/T.E/B.E	6-9 th Apr. 2019
21	Students Feedback	F.E/S.E/T.E/B.E	02/04/2019
22	Conclusion of Teaching	F.E/S.E/T.E/B.E	09/04/2019
		ME I & II Year	11/05/2019
23	Practical/Oral Examination-SPPU	S.E/T.E/B.E	11-25 th Apr. 2019
		ME	13-20 th May 2019
24	Theory Examination-SPPU	S.E/T.E/B.E	2-27 th May 2019
		ME I & II Year	23 rd May to 8 th June 2019
25	Project Examination-SPPU	BE	2-16 th June 2019

*Note:- i.)Subject to change as per the schedule of University for A.Y. 2018-19

ii)SPPU- Savitribai Phule Pune University.

iii)List of holidays is available on college website.

Prepared by

Checked by



Principal

3/5/2019

Table I: Class Room Activities

Name of Activity	No. of department/programme wise held					
	Civil	Civil	Civil	Civil	Civil	Civil
Flipped Classes	03	03	03	03	03	03
GD	02	02	02	02	02	02
Case Study	05	05	05	05	05	05
Presentations(PPTs, Animations)	140	140	140	140	140	140

Table-II: List of Activities conducted to enhance employability


Name of Activity	No. of Activity Held					
	Civil	Mech	Elect	Comp	E&TC	FE
Guest Lectures	02	04	02	03	01	04
Workshop(s)	02	02	02	01	01	01
Seminar(s)	01	02	02	01	01	Nil
Industry Visits	14	06	08	01	02	02
Value added courses	02	02	02	02	02	Nil

Table-III: List of programme on PDP, GD etc.

Value added courses	Date of introduction	Total Number of student enrolled					
		Civil	Mech	Elect	Comp	E&TC	FE
Group Discussions	Full Semester	45	50	47	14	09	Nil
Mock Interview	Full Semester	42	50	47	14	09	Nil
Online Aptitude Test 1) SPRUCE	Full Semester	58	285	39	14	09	Nil
2) MOOCS	Full Semester	107	105	148	83	35	Nil


Table-IV: List of summer training Project and Internship

Project/Programme Title	No. of students enrolled for Field Projects	No. of students enrolled for Internships
Civil	08	45
Mech	00	11
Elect	4	26
Comp	00	14
E&TC	02	04

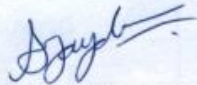
 SRES's SHREE RAMCHANDRA COLLEGE OF ENGINEERING Lonikand, Pune – 412218 Department of Physical Education		
Reference No: SRCOE/SPORT/2017-18/1		Date: 22-Feb-2018
<u>Annual Sport Calendar 2018-19</u>		
Date	Details of Activities	Events
21-Jun-18	Yoga day	International Yoga day Celebration in SRCOE , Lonikand
1 st week of July-18	Cross Country	selection trail (Boys)
1 nd week of July -18		Meeting for Gymkhana staff committee
3 rd week of July 18		Meeting for Sports secretary , Sports co-ordinator and Student
1 st week of Aug-18	Badminton	Selection trails (boys and Girls)
2 nd week of Aug-18	Kabaddi	Selection trails (Boys)
2 nd week of Aug-18		First meeting with Sports committee.
15 th Aug -18		Independence day celebration
3 rd week of Aug -18	Cross Country	Intercollegiate matches.
3 rd week of Aug-18	Kabaddi, Cricket	MIT College Kothrud
Last week of Aug-18	Badminton	Intercollegiate matches
1 st week of Sep -18	Volleyball	Selection trails (Boys)
2 nd week of Sep-18	Volleyball	Intercollegiate matches organized
2 nd week of Sep-18	Chess	Selection trails (boys and Girls)
15 th Sep-18	Football	Avagha Maharashtra Footballmay
3 rd week of Sept-18	Chess	Intercollegiate matches.
Last week of Sep-18	Kabaddi	Intercollegiate matches,
1 st week of Oct 18	Boxing	Intercollegiate matches
2 nd week of Oct-18	Judo	Selection trails (Boys)
2 nd week of Oct 18	Judo	Intercollegiate matches
3 rd week of Oct 18	Cricket	Intercollegiate matches
18th & 18th Oct 18	Athletics	Intercollegiate matches
3 rd week of Oct 18	Football	Intercollegiate matches
2 nd week of Nov-18		Fresher's party –RED-FM
2 nd week of Dec 18		Meeting for Gymkhana staff committee
2 nd week of Dec-18	Cricket	AIMS college Mulshi
5th Dec-18		Meeting for Sports secretary , Sports co-ordinator and Student
2 nd week of Dec-18	Football, Chess	Lexicon College Wagholi

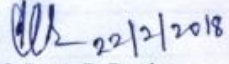




1/2

 <p style="text-align: center;">SRES's SHREE RAMCHANDRA COLLEGE OF ENGINEERING Lonikand, Pune – 412218 Department of Physical Education</p>		
Reference No: SRCOE/SPORT/2017-18/1		Date: 22-Feb-2018
Academic Calendar		
Date	Details of Activities	Events
1 st week of Jan 19		Annual Sports event
1 st week of Jan 19	Football	RELIANCE CUP
2 nd week of Jan-19	Kho-Kho, Kabaddi & Cricket	Inter-school Yuva Karandak
2 nd week of Jan-19	MSBT W4 Zonal Matches -Women's	Meeting of Sports committee for MSBT matches arrangement
3 rd week of Jan-19	Ball badminton (Boys & Girls)	InterZonal matches organized by SRCOE, Lonikand
26-Jan-19		Republic Day Celebration
1 st week of Feb-19	MSBT W4 Zonal Matches -Women's	State Level matches organized by SRCOE, Lonikand
2 nd week of Feb 19	Cricket & Football	AIT College Dighi
2 nd week of Feb-19	MSBT -Volleyball - Boys	State Level matches organized by SRCOE, Lonikand
3 rd week of Feb -19		FE Students Physical fitness test.

*Note:- i) Above Schedule is subjected to change , as per the schedule of classroom instructions, exam etc. of SPPU for A. Y. 2018-19.
ii) The A. Y. 2018-19 commences 15.06.2018 and concludes on 06.04.2019


 Dr. Sushma Tayde
 Director of Physical Education


 Prof. Dr. A. D. Desai
 Principal



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Annexure – VI-A

Sr. No	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 (In Rs.)
1	A.Y. 2018-19	Prof.S.P.Deokule	IOT Workshop at Warangal(AP)	-	2000
2		Prof.G.S.Biragdar	IOT Workshop at Warangal(AP)	-	2000
3		Prof. S.S Patil	National teacher congress conference	National teachers congress	1500
4		Prof.V.M.V.Rao	-	ISTE Membership	3500 each
5		Prof.P.R.Patil	-		
6		Prof.Y.S.Rajgire	-		
7		Prof.S.A.Arbale	-		
8		Prof.J.Purohit	-		
9		Prof.S.Ahirrao	-		
10		Prof.P.R.Ambilduke	-		
11		Prof.P.S.Savalikar	-		
12		Prof.D.A.Tikar	-		
13		Prof.S.P. Deokule	-		
14		Prof. B.H.Thombre	-		
15		Prof.V. P. Mali	-		
16		Prof.Vinod Badgujar	-		
17		Prof.Pradhan K.S.	-		
18		Prof. Baravkar S.L.	-		
19		Prof.Belhekar M.M.	-		

Annexure – VI-B

Sr. No.	Year	Title of the professional development programme organized for teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
1	2018	Workshop on “IOT Boot camp”	4 th Oct. to 6 th Oct. 2018	11	2
2	2018	Seminar On Industry Oriented Program	12 th OCT. 2018	11	2
3	2019	Seminar On “Preparation of Competitive Examination”	27 th March 2019	8	3
4	2018	Seminar On “Informatics and Oracle”	15 th Aug 2018	10	2
5	2018	Seminar On “Research Methodology , IPR & Thesis Writing”	8 th to 9 th Dec 2018	10	2
6	2019	Awareness about DRDO Research projects and opportunities under ARMREB Industry 4.0 by IIPM, SIAT Expo Visit, Use of AR for Manufacturing Industry by PTC.	25 th Jan 2019	02	-
7	2019	Seminar On “AI & Deep Learning”	06 th to 8 th Oct 2019	01	-
8	2019	Seminar On “3rd National Teachers Congress”	4 th to 6 th Jan 2019	02	-
9	2019	Seminar On “Data Science and Big Data Analytics”	5 th to 9 th Mar 2019	01	-
10	2019	Seminar On “ Artificial Intelligence and Deep Learning”	6 th to 8 th Oct 2019	01	-
11	2019	Workshop on “Syllabus Implementation - CAD/CAM & Automation	10 th July 2019	01	-
12	2019	Workshop on “Syllabus Implementation - Advanced Manufacturing Process”	11 th Jan 2019	01	-
13	2019	Seminar On “Automotive Product Development & Best Manufacturing Practices”	6 th to 10 th Feb 2019	01	-
14	2019	Seminar On “Women	8 th Mar 2019	01	-

		Entrepreneurs in science and technology”			
15	2018	Workshop for Clerk	7 th Feb 2018	-	01
16	2018	Eligibility training workshop	20 th July 2018	-	01
17	2018	Development of IoT using Arduino	10 th to 11 th Dec 2018	10	02
18	2018	Seminar on DIGITAL LITERACY	11 th June 2018	08	01
19	2018	Seminar on “Introduction to IOT”	25 th July 2018	08	-
20	2018	Workshop on “PLC & SCADA”	11 th to 9 th Nov 2018	05	2
21	2019	Seminar On “Preparation of Competitive Examination”	27 th Oct 2018	8	1
22	2018	Seminar on opening of TRIZ chapter to improve problem solving skills	11 th Jan 2019	06	1
23	2018	Webinar on “SPRUCE” software	9 th Mar 2019	05	2
24	2019	Workshop on E-PLAN	1 st to 8 th Apr 2019	05	1

Annexure – VI-C

Sr. No	Title of the professional development programme	Number of teachers who attended	Date and Duration
1	FDP on Data Science & Big Data Analytics	1	5 th to 9 th March 2019
2	FDP on Machine Learning With Python	3	8 th to 9 th Jan. 2019
3	FDP on Laboratory Practice –IV	1	9 th Jan. 2019
4	FDP on Artificial Intelligence & Robotics	1	5 th to 6 th July 2018
5	FDP on Laboratory Practice I	2	10 th to 12 th July 2018
6	FDP on Laboratory Practice II	1	16 th to 18 th July 2018
7	Workshop on “Syllabus Implementation -Finite Element Analysis	1	10 th July 2018
8	Workshop on “Syllabus Implementation - Material Science”	1	11 th July 2018
9	Recent trends in Quality measuring instruments	1	17 th to 19 th Dec 2018
10	Trends & Practice in Mechanical Engineering Manufacturing Industries	2	27 th to 31 th Aug 2018
11	Application of total station, green building concept and design of structure: field practice(STTP)	1	24 th to 28 th Dec 2018
12	Startup Conclave Seminar at SPPU	1	2 nd to 3 rd March 2019
13	Technical Symposium of Texas Instruments, Topic: Advanced Processors	1	23 rd March 2018
14	SPPU Faculty Orientation Workshop for BE (E&TC) 2015 revised course on Computer Networks & Security	1	8 July 2018
15	Smart India Hackathon-Physical Interaction workshop	1	15 April 2019
16	Workshop on Math work MATLAB 18.B	02	26 th April 2018
17	Workshop on E-TAP Software	01	22 nd Oct to 23 rd Oct 2018
18	Workshop on “Revised Version MATLAB 2019”	02	2 nd May 2019