



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

JSPM'S RAJARSHI SHAHU COLLEGE OF
ENGINEERING

- Name of the Head of the institution **Dr. Rakesh Kumar Jain**
- Designation **Director**
- Does the institution function from its own campus? **Yes**

- Phone No. of the Principal **02067127777**
- Alternate phone No. **02067127777**
- Mobile No. (Principal) **09822746067**
- Registered e-mail ID (Principal) **principal@jspmrscoe.edu.in**
- Address **JSPM's Rajarshi Shahu College of
Engineering S.No.80, Pune-Mumbai
By- Pass Highway, Tathawade**
- City/Town **Pune**
- State/UT **Maharashtra**
- Pin Code **411033**

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **10/07/2018**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr. Prashant Kumbharkar**
- Phone No. **02067127777**
- Mobile No: **09822933696**
- IQAC e-mail ID **rscoe.naac@gmail.com**

3. Website address (Web link of the AQAR (Previous Academic Year)) www.jspmrscoe.edu.in/naac_aqar.php

4. Was the Academic Calendar prepared for that year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: www.jspmrscoe.edu.in/pdf/calendar/ACADEMIC-CALENDER-2020-21-SEM-I_II.html

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.26	2017	30/10/2017	31/12/2024

6. Date of Establishment of IQAC **20/06/2014**

7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Rajarshi Shahu College Of Engineering	PARAMARSH Mentoring Scheme	UGC, New Delhi	20/03/2020	1253000
Mechanical Engineering Department, Rajarshi Shahu College Of Engineering	MODROB	AICTE, NEW DELHI	10/03/2020	1000000
Civil Engineering Department, Rajarshi Shahu College Of Engineering,	MODROB	AICTE, NEW DELHI	10/03/2020	1248000
Mechanical Engineering Department, Rajarshi Shahu College Of Engineering	ASPIRE	Savitribai Phule Pune University Pune	07/01/2020	290000

8. Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

9. No. of IQAC meetings held during the year 3

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report
- No File Uploaded

10. Did IQAC receive funding from any funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

1. Achieved mentor institute status under Margadarshan Scheme of AICTE for NBA Accreditation

2. i) ISTE-Bhartiya Vidya Bhavan National Award for Engineering College having Best Overall Performance 2020. ii) Dr.R.K.Jain received ISTE-Bhartiya Vidya Bhavan National Award for Best Engineering College Principal 2020. iii) Mr. Sharad Korekar Computer Engineering student received ISTE outstanding student award 2020. iv) Dr. S.G.Kandalkar received ISTE Best Teacher Award 2020 (Maharashtra & Goa region)

3. Ranked in Band 'Excellent' in Atal Ranking of Institutions on Innovation Achievements (ARIIA), an initiative of Ministry of Education (MoE), Govt. of India for the year 2020 under the category of Private or Self-Financed Institutes.

4. Ranked in the Band of 250 to 300 in National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development, Government of India for Academic year 2020-21.

5. International Internships in Data Science, ML, Android, Software Testing, Applying neural network to the detection process of the hard drive channel by King Mongkut's Institute of Technology Ladkrabang, Thailand during 15 March to 11 April 2021.

12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
<p>Proposal of NIRF Ranking 2020-21.</p>	<p>Ranked in the Band: 250 to 300 in National Institutional Ranking Framework(NIRF), Ministry of Human Resource Development, Government of India for Academic year 2020-21.</p>
<p>To submit proposal for Atal Ranking of Institutions on Innovation Achievements (ARIIA) ranking 2021</p>	<p>Ranked in Band 'Excellent' in Atal Ranking of Institutions on Innovation Achievements (ARIIA), an initiative of Ministry of Education (MoE), Govt. of India for the year 2020-21 under the category of Private or Self-Financed Institutes.</p>
<p>External Academic Administrative Audit (AAA) and various schemes defined for Advanced and slow Learners.</p>	<p>External Academic Audit conducted by the committee under the chairmanship of Dr. A.M. Fulambarkar, former Vice Chancellor, Symbiosis Skill University, Pune between 17th Sept to 30th Sept 2021 for the Academic Year 2020-21.</p>
<p>To organize First IEEE International Conference on Computing, Communication & Green Engineering -2021 (CCGE21).</p>	<p>First IEEE International Conference on Computing, Communication & Green Engineering -2021 was organized on 23rd to 25th Sept 2021 in online mode due to COVID-19 pandemic. There were 81 research papers published during the conference.</p>
<p>Apply for Ranking in the survey by India Today - MDRA, 2020.</p>	<p>Ranked 103 at India Level by India Today, survey conducted by India Today - MDRA, 2020.</p>
<p>One Week (online) FDP on 'NAAC Process In HEIs' Under UGCs 'PARAMARSH' scheme from 27 July to 01 Aug 2020</p>	<p>Dr. Ganesh Hegde, Advisor NAAC inaugurated FDP on 'NAAC Process In HEIs' conducted on 27th July 2020 to 01st Aug 2020 under UGCs 'PARAMARSH' scheme.</p>
<p>One Week (online) FDP on 'NAAC</p>	<p>Dr. P.N.Razdan, inaugurated FDP</p>

Process In HEIs' Under UGCs 'PARAMARSH' scheme from 07th Dec to 11th Dec 2020.	on 'NAAC Awareness and Quality Assurance' under UGCs 'PARAMARSH' scheme from 07th Dec to 11th Dec 2020.
Institution Innovation Council (IIC)	Received four star rating for Institution Innovation Council (IIC), by the Ministry of Education (MoE), Govt. of India to promote innovation and startup in campus, academic year 2020-21.
To prepare proposal for Participation in AICTE-CII survey of Industry linked Technical Institutes 2020.	Achieved platinum Category for the Academic Year 2020-21 in AICTE-CII Survey of Industry linked Technical Institutes.

13. Was the AQAR placed before the statutory body? Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
IQAC	24/12/2021

14. Was the institutional data submitted to AISHE ? Yes

- Year

Part A

Data of the Institution

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Year	Date of Submission				
29/01/2022	29/01/2022				
15. Multidisciplinary / interdisciplinary					
16. Academic bank of credits (ABC):					

17.Skill development:	
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)	
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):	
20.Distance education/online education:	
Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	12
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1 Total number of students during the year:	3944
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	1105
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	3944

File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	454
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2 Number of full-time teachers during the year:	264
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	264
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	430
4.2 Total number of Classrooms and Seminar halls	58
4.3 Total number of computers on campus for academic purposes	1120
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	1129.4

Part B**CURRICULAR ASPECTS**

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Curricula developed and implemented have the relevance to the local, national, regional and global developmental needs. These are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes. Global strategies have been introduced in the curricula to keep track of the global trends so that the students can develop global competencies to achieve capability for employability, higher studies, innovation and research.

The academic council invites experts from various fields and reviews the curriculum so that it suits the needs according to the requirements of the service sector. Every programme presents programme outcomes, programme specific outcomes and carries course outcomes of each course. The Board of studies consists of the faculty members of the department and eminent external experts who are in constant touch with the developments in the field that ensures the relevance of the subject matter and the present needs in the field. The suggestions obtained from stakeholders are studied and analyzed for appropriate incorporation to improve quality of the curriculum.

The institute keenly observes the attainments of PEO, PO and PSO for the respective programs which in turn relates to Vision and Mission of the institution and department as well.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	www.jspmrscoe.edu.in/po_psc_co.php

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

02

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

51

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

48

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Institution integrates cross-cutting issues

Gender-Equality:

Same dress code is prescribed for both the genders and equal opportunities given for participation in student council, class representation, training programs, placement opportunities, co curricular & extracurricular activities including various forums. Internal Complaint Committee is formed to resolve grievances of girls if any. Motivational lectures of eminent personnel have been organized on gender issues such as Women empowerment, Role of women in development of nation, Self defence awareness program etc.

Environmental-and-Sustainability:

Students have a compulsory course on Environmental Studies in their curriculum.

Shashwat Club which carry out activities for environmental protection and ecological preservation. Students of the institute taken part enthusiastically in 'Clean India Mission' and 'Unnat Bharat Abhiyan' performed a skit in rural areas to bring awareness about cleanliness, hygiene and health amongst the villagers of this region.

The following programs conducted to describe the Human values

- Yoga day
- Art of living
- Rajarshi Shahu Jayanti
- Shivaji Jayanti
- Blood Donation Camp

- Health Check up Camps

Professional Ethics

Courses like Business Management , Fundamentals of Management and Strategy formulation), Construction Management etc are introduced by the institution to develop project management aspect & entrepreneurship skills. Indian standard codes, internet security, Plagiarism check etc followed to imbibe professional ethics

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

07

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

355

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1062

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni **A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.jspmrscoe.edu.in/naac_sfeedback.php
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following **A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.jspmrscoe.edu.in/naac_sfeedback.php
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

3944

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

430

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The institution assesses the learning levels of the students in two ways at the time of the commencement of the programme. Students enrolled in various disciplines are identified as slow and advanced learners initially based on their +2 marks and the entry level test conducted by the institute. Second year onwards, the list of slow and advanced learners is prepared before commencement of new semester based on Previous semester Mid-Term Test, End-Term Test, Continuous assessment record, Term work and Practical exam marks. The tutors of the respective classes of UG and PG extend valid support in classifying the students with reports based on observation and class tests. This helps to design special coaching sessions or tutorial sessions to bridge the gap between the slow learners and the advanced learners.

Strategies adopted for slow learners:

- Remedial Classes are conducted with an aim to improve the academic performance.
- Academic and personal counseling.

Strategies for the advanced learners:

- Special Coaching classes to secure University Ranks.
- Advanced learners are encouraged to enroll in MOOC Courses -

Swayam.

- Coaching classes for competitive exams.
- Talented students are motivated to participate in co-curricular, extra-curricular activities, exhibitions and cultural competitions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2020	3944	264

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Experiential learning:

Experiential learning is an engaged learning process whereby students "learn by doing" and by reflecting on the experience. It engages students in learning that is deep and long-lasting.

Objectives:

1. To understand the concepts

2.To be more creative 3.To acquire valuable experiences through students' mistakes 4.To reflect through opportunities 5.To improve attitudes of the students toward learning Project Based Learning

In this, students dive into real-world problems over an extended period of time, which requires them to apply their knowledge. It focuses on problem based, project centered activities. PBL is based on re-engineering processes that bring students from

multiple disciplines together that support collaborative, cross-disciplinary, geographically distributed teamwork and learning. Students are required to collaborate with each other, use critical thinking skills.

Engineering Design & Development Laboratory of RSCOE:

This lab is equipped with tools like laser cutting machines, 3D printers, flexo robotic hands, micro controllers and various softwares.

Evidence of success:

1. Promoting interdisciplinary skills with modern technology usage among students.
2. Ensures students learn the importance of problem solving skills.
3. Team building skills.
4. May develop entrepreneurial approach among the students which may lead to patents.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The pandemic has forced us to shift to a virtual mode of learning. Information and Communication Technology (ICT) has helped to survive and adapt to the new ways of learning. Considering the various challenges, efforts have been made to optimize the potential of the existing and new educational platforms to be made available for students.

Institute facilitated the extensive use of MOODLE which helps faculties to create their own dynamic course contents that extend learning, anytime, anywhere. Students use online virtual laboratories developed under MHRD-IIT for demonstration of experiments that helps them in learning through remote experimentation. Our customize Moodle has wide of standard and innovative features like MCQs, Questionnaire, Web link for e-resources, NPTEL link, Case studies, Research paper link, Subject

Notes, videos can be uploaded, recorded videos. Our institute have created Youtube - RSCOE Knowledge Centre where e-contents prepared for students. Smart Board is installed in every department.

We also use online tools like Zoom, Google Classroom, Google meet, Webex to reach every learner. Students are encouraged to do NPTEL and Spoken Tutorial courses for knowledge enrichment. ICTs have made teaching and learning interactive and collaborative instead of the traditional teacher- talking and students listening approach.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	www.jspmrscoe.edu.in/ict.php
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

264

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic calendar prepared and adhered for conduct of Examination and other related matters: Academic Co-ordinator prepares academic calendar for each semester in line with Academic Calendar of affiliated university for commencement and conclusion of term, Practical/Oral and Theory examination. It also includes different activities like tests, assignment execution, seminars, workshops, industrial visits, cultural-social-technical activities and schedule of meetings with Principal, academic coordinator and HOD. Departmental academic coordinator (DAC) is responsible for

maintaining records of monthly attendance, status of syllabus completion and records of GFM activities. GFM is a guardian faculty member of a particular class who plays important role in mentoring of students, monitoring their attendance, preparation of monthly attendance. GFM also acts as mediator between institute and parents. In each department there is a program coordinator under whom, according to specialization, modules are formed. Each module is coordinated by module coordinator. Course coordinator along with other subject teacher prepares teaching plan, practical plan, unit wise question bank, MCQs, assignments of respective subjects. This system helps in overall development, achievement of students which is beneficial for growth of the institute. Principal as a head of institute monitors whole system at the academic as well as at the administrative level.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

264

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

60

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1984

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

10

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

4

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Reforms initiated on Continuous Internal Evaluation (CIE) system at the institutional level. MOODLE learning Management System is utilized for Continuous internal evaluation, self-evaluation of students through LMS. The institute regularly conducts, group discussions, seminars and guest lectures. Institute has transparent continuous internal evaluation system which consists of internal assessment tests (twice in a term), re-test and evaluation of practical exercises. Students attendance is regularly updated on Moodle. During the assessment, attributes like technical ability of student communication skill, logical understanding behavior of the student, personality, ethical values and professionalism is observed and rated. The department communicates progress report of their ward to the parents to maintain the transparency. For internal evaluation, each department has test coordinator for smooth conduction of internal tests. The results of evaluation are declared within eight days. The model answers are also discussed during lecture sessions. For mistakes in examination forms, conduction of online and in semester examinations, the institute solves the issues through proper channel and helps the students regarding the same. In case of issues related to revaluation, rechecking, and photocopying of the answer books, institute helps students to resolve the problem as per university guidelines and following proper channel to solve the issues.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students.

https://www.jspmrscoe.edu.in/po_psc_co.php

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://www.jspmrscoe.edu.in/po_psc_co.php

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution uploaded herewith and also available on the institute website.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.jspmrscoe.edu.in/naac_attainment.php

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1102

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://www.jspmrscoe.edu.in/naac_sss.php

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The research and development cell was established to promote research activities of the faculty members, scholars and students of college. The R&D cell was setup with the objectives of developing the strategic plan for scientific and technology research which includes supervision, execution of research, interdisciplinary and multidisciplinary research, academic research collaboration with national and international institution/Universities, Government/private industry, government funded/ private funded projects, IPR and transfer of technology.

Objectives:

- Integrate research and education.
- Enable faculty members and students to transform the knowledge into research by adding incremental improvement.
- Promote research potential of faculty members with their innovative ideas.
- Generation of patents and IPRs.
- Check Malpractices and Plagiarism in Research

Functions

- Identification of thrust areas in Engineering and Sciences

- Up-gradation of Research laboratories, need based Research Journals
- Provide guidance for submitting proposals to various government and non-government funding agencies.
- Incentives for Research and IPR activities
- Joint Research with industries and Co-guides from universities of national and international repute.

RSCOE is committed to serve the society by conducting research with the national and international standards. RSCOE creates an open platform to foster research culture and to pursue scholarly research activities.

- Academic-Research
- Sponsored Research
- Plagiarism Check
- Collaborative Research Project
- Financial Support & Accounting

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	www.jspmrscoe.edu.in/pdf/Research%20Policy-RSCOE.html
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

2.63 Lakh

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

01

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

38.09

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

6

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

14

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institute is committed to promoting Innovations, Patents, and Start-ups among the students and faculties. The institute has established IIC Institutes Innovation Council under the aggies MHRD initiatives. Four cells Viz. Innovation Cell, IPR Cell, Start-up Cell, and Incubation Cell have been formed at the institute to promote and encourage innovations. The institute has formed a

council for implementing NISP National Innovation and Start-up Policies. Various competitions related to Ideation, Business Plans are organized to boost the agenda of Innovation, Incubation, and Start upCell. The various other clubs such as Shashwat Club, Rotary Club, and Robotics Club are established at the institute to promote sustainability and technology. The institute is a member of the NEN National Entrepreneurship Network. Faculties are trained by various state and central agencies such as DST, STTP, MHRD, etc.

The institute is tied up with Mahatma Gandhi's Mission of Rural Development. Through this cell students and faculties are motivated to come up with ideas helpful for rural development.

The institute is a member of Unnat Bharat Abhiyan through which problems of villages are understood.

The institute is tied up with SPPU CIIL Savitribai Phule Pune University Centre for Innovation, Incubation, and Linkages through which various ideation-related activities are conducted.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.jspmrscoe.edu.in/pdf/3%20%20Innovation%20and%20Startup%20Policies%20at%20RSCOE.pdf

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

13

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for

A. All of the above

Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

7

File Description	Documents
URL to the research page on HEI website	https://www.jspmrscoe.edu.in/constitution%20of%20iic.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

108

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during

the year

24

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

132

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

81

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

29.11

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

2,00,000/-

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

As an extension activity, under the Community Service, mask distribution was done. It was a special event held on the first day of the RIY 2020-21. An event was organized for feeding stray animals during the Covid-19 pandemic in collaboration with the Rotaract Club of Bombay-Film City.

Rotary Club organized event of Eco-Friendly Ganpati virtually by spreading awareness around society. Through this event, various precautions or safety measures that can be taken for a safe and environmentally friendly Ganesh festival were brought into the limelight.

Rotaract Club of RSCOE created awareness among people about the do's and don'ts of Diwali Celebration by means of sharing posters through social media. Institute celebrates International Women's Day & World Rotaract Week organized distribution of sanitary pads in the vicinity.

World AIDS Day was organized on creating awareness about HIV & AIDS through social media.

World Diabetes Day was organized in collaboration with the Rotaract club of DYP ACS. Diabetes is a subject that holds a lot of attention when brought up in the health care fields. Diabetes currently affects more than 62 million Indians, which is more than 7.2% of the adult population. So, it's our moral responsibility to spread word of awareness.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

38

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

15

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1098

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

3.7 - Collaboration**3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work**

10

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

13

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

The college is providing the well equipped learning infrastructure including 58 Classrooms, 87 laboratories with ICT facilities. 8 smart classrooms and 06 seminar hall with video-conferencing facility. The language laboratory, computer centre including latest i5, i9 and Xeon are available in central computing facilities. The IT server room insures the protection of CyberRom with 155 Mbps and 60 Mbps dedicated lease line for laboratories and Wi-Fi.

The centralized training and placement office includes conference room, presentation room, interview rooms, assembly rooms. The principal office, departmental HOD cabins with meeting room are ICT equipped ensuring best service.

The workshop area is 1200+Sqmt including VMC, BMC, CNC, Heat-Transfer and power generation machine, wind turbine, wing tunnel, lathe machines.

The library includes stack area, reference room, digital library, accession counters, reprography room, presentation and discussion room and air-conditioned reading hall with 250+ capacity.

Institute has developed laboratories in collaboration with industries like Bentley Systems, Tata Automotives Ltd., Nayan Electronics, Zensar Technologies, TCS, IIT Ropar.

The institute has Girls and Boys Hostel on the campus with canteen facility. Medical facility room, gymkhana facilities including indoor game, cultural activity halls are available. The uninterrupted power supply is ensured by UPS, Battery Backups and dedicated power generators.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

Facilities for Cultural Activities and Sports:

1. Institute has ground for outdoor sports facility such as football, cricket, volleyball, basketball, kabaddi, kho-kho, etc.
2. Institute has gymkhana for indoor games like - table tennis, carom and chess.
3. A 300 seating capacity auditorium is available in institute for various program. The institute also has another auditorium with a seating capacity of 110 students.
4. Institute organizes annual sports and cultural gathering 'Gandharv' and Inter collegiate level games
5. International stadium ShriChatrapati Sports Complex, Balewadi, Pune and PCMC Sports grounds are also available in the proximity of the college to conduct sports events for the students.

Facilities

1. Basket ball ground
2. volley ball ground
3. Table tennis
4. State of the art gym
5. Cricket ground

The institute has a Yoga centre with a capacity to accommodate 150 students.

Gymkhana is well equipped with good indoor and outdoor sports facilities such as kabaddi, Volley Ball, Table Tennis, Carom boards, Basketball, Cricket, Badminton Football etc. RSCOE have good sport ground but also college hire various stadiums and sports grounds as and when required to conduct these events. Since inception institute produced number of National Level, State Level and University Level players in these games.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

65.07

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Name of ILMS Software for Automation

Auto Lib

Current Version

Auto Lib NG

Year of Automation

2015

Status of Automation

All books and students database created in Auto Lib software.

Bar-Coded Issue/Return transactions are being carried out through Auto lib software.

Different Report generation facilities are available

.All the books have been bar-coded generated through Auto Lib software.

Bar-Coding

All the books *(46667) are bar-coded generated through ISLIM software.

Modules available in Software

Acquisition: Cataloguing, Serial Control, , Circulation, Web OPAC

Number of Computers for OPAC Access in Digital Library

20

Services provided

Home Lending, Issue/Return within library, Book Bank Service , OPAC, Open Access Resources, E-Journals, E-Books, News Paper, Reference Service,

Library membership

IIT Mumbai Central Library, ARAI Library, DELNET,

ICT Equipments Available in Library

Bar-Code Reader, Document Printer, Document Scanner, , Server Machine, Computer Systems, Head Phones, Web Camera, Speakers,

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.2.2 - Institution has access to the following: A. Any 4 or more of the above e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

26.38

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

115

File Description	Documents
Upload details of library usage by teachers and students	No File Uploaded
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities every academic year. With the increasing demand for internet access in educational campuses due to evolving standard of education and flexibility offered by the Internet - RSCOE are keenly stepping forward to setup secured and stable wired or Wi-Fi network campus for their students to access internet from class room to library to labs and hostels.

Currently we are using leased line of 155 Mbps from Teleglobal communications private limited and 60 Mbps from Gazon Communications Private limited. The institute also provides Wi-Fi facility to students at both hostels as well as in campus.

The institute internet is secured using Sophos x550 firewall. The institute has a 24X7 Wi-Fi facility in the college campus for the student and faculty members to avail internet connection at any place in the college & hostel. The connectivity through a fully networked campus with state-of-the-art IT infrastructure, computing & communication resources, offers students the facilities of digital contents, e-mail, net surfing, up/down loading of web based application, besides helping them in preparing projects & seminars.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3944	1083

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content

B. Any three of the above

**development: Facilities available
for e-content development Media Centre
Audio-Visual Centre Lecture Capturing
System (LCS) Mixing equipments and
software for editing**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

247.34

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The Institute has well defined procedures along with monitoring to ensure proper maintenance and utilization of infrastructure, library, sports grounds, laboratories, classrooms, seminar halls, auditoriums. For the up keep of computers, LAN, internet, Wi-Fi and other ICT facilities separate provisions have been made under the supervision of system administrator.

The institute has qualified staff for the maintenance of electrical work, civil work etc. To meet power break down and to provide adjustable power base, Gensets have been installed which are technically manned by the trained technicians.

Laboratory:

- Equipment, instruments and appliances involved in the

teaching-learning process are provided continuous maintenance and repair.

Sports Facilities:

- Various sports facilities are regularly used for competitions&practice.
- The indoor and outdoor sports facilities regularly monitored. Sport director has been appointed by the institute to carryout sport activities.

Computers:

- System administrator is responsible for proper utilization and maintenance of LAN, Internet and Wi-Fi facilities.
- Repair and maintenance of Lab equipments and instruments is carried out by internal technicians under the guidance of System administrator.
- Technical Aids such as Multimedia Projectors,Laptops,desktops,printers,Wi-Fi,LAN etc are maintained by trained technicians.

Classrooms:

- All classrooms are cleaned every day on regular basis and maintained by housekeeping department.
- The supervisors are responsible for the maintenance of the buildings and physical facilities including washrooms.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

3359

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

17

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	www.jspmrscoe.edu.in/Activity%20Reports.php
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

272

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

549

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

28

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

25

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

28

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Our Institute has active student council. Students represent in academic and administrative bodies/committees of the institution. The selection of Student Council is as per provisions of the Maharashtra University Act, 1994. It consists of a male and female student representative.

Functions

- The students are selected by selection committee based on their interest, communication skill, active participation in various events etc.
- The student secretaries are selected based on interview by a committee consists of Campus Director, Principal and faculty in charges.
- Cultural events, sports, technical events are organized and conducted by students. Respective authority supports the student representatives to conduct the activities.
- Institute bears all the expenses related to travelling, accommodation, food, registration etc for activities conducted.

The following are the various academic and administrative bodies :

- Student Council
- IQAC, DAB, Focus group
- All Student Chapters
- Anti-ragging Committee
- Hostel committee
- NSS(National Service Scheme)
- Departmental Students Associations
- Earn and Learn Scheme of SPPU
- Research and development Cell
- Cultural & Extra-co-curricular activity
- Each department has appointed student Welfare coordinator, Sports coordinator and Cultural coordinator. This coordinator collects the data of the interested students and encourages them to participate at different level.
- Dedicated infrastructure is available where the students carry out their practice related to different activities/events.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.jspmrscoe.edu.in/students_associations.php

5.3.3 - Number of sports and cultural events / competitions organised by the institution

4

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The objective of the Alumni Association of RSCOE is to reach, engage and serve all alumni & present students by networking with one another to foster a life-long intellectual and emotional connection between the institute and its graduates. Alumni association of RSCOE has technocrats, leaders, entrepreneurs, researchers and global managers. Our alumni are instrumental in enhancing the Institute's fame locally and globally. The Institute's participative culture always ensured that alumni are encouraged to stay connected with their alma-mater and inspire and motivate current students. RSCOE has partnered with Univibe Network to provide its Alumni a comprehensive tool for networking amongst alumni, faculty & other members of the institute. A platform that provides you access to the vast network of RSCOE Alumni working in reputed organisations worldwide. The active network and collaboration with alumni, helps the institute in overall development by following ways:

- Registered alumni association
- Alumni meeting is organized ever year
- Alumni is informally a part of the teaching learning process thro expert lecture, project guides, organizing industrial visits and ment students.
- Alumni are in communication with the institute through Socia networking sites like Facebook, WhatsApp, Google drive, V-chat.

Registration : MH/365/2007 dated 06/03/2007

Number of Alumni : 8714

Number of Alumni-Meets held: 16

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.jspmrscoe.edu.in/news&eventsalumni.php

5.4.2 - Alumni's financial contribution during the year **E. <2 Lakhs**

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Good governance underpins and supports the mission and purpose of the institution. The governance of the institution is reflected of an effective leadership in tune with the vision and mission of the Institution given as below:

Objectives

- To be a premier institute for quality education and research in the field of Engineering and Management.
- To produce technically proficient, quality cognizant engineers imbued with moral and professional ethics.
- To strengthen interaction with industries and other organizations.
- To develop various laboratories of departments into center of excellence

The Vision and Mission of the institute are in tune with

objectives of higher education. The formal and informal arrangements in institute co-ordinate the academic and administrative planning and implementation reflects the institutions efforts in achieving its vision.

Reflection of Mission and Vision in the leadership of institute ensures:

- The policy statements and action plans:
- Interaction with stakeholders.
- Proper support for policy and planning.
- Reinforcing the culture of excellence.

The management actively participates in statutory committee meetings to ensure policy statements and action plans are aligned for attaining the mission of institute, disseminate the vision and mission to all stakeholders and involve them in forming the policy statements.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.jspmrscoe.edu.in/organisationchart.php

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Institute has mechanism for delegating authority and providing operational autonomy to various functionaries to work towards decentralized governance system.

1. Principal Level The Governing Body delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal in order to fulfill the vision and mission of the institute.

2. Faculty Level Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are given authority to tie up with industry experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs.

3. Student Level Students are empowered to play an active role as

a coordinator of academic, co-curricular and extra-curricular activities.

Strategic Level

- The principal, academic co-coordinator and staff members are involved in defining the policies and procedures, pertaining to admission, placement, discipline, grievance, counseling, training and library services etc to ensure smooth and systematic functioning of the institute.
 - Staff members are also involved in deciding academic activities and examinations to be conducted by the college.
- Functional Level .

Operational level : The principal of the institution is a member secretary of the GB in order to fulfill the vision and mission of the institute.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	www.jspmrscoe.edu.in/pdf/Strategic%20Development%20Plan%20of%20RSCOE.html

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

A well defined Strategic Development Plan can play a pivotal role in an engineering institute's growth and success. RSCOE focuses on strategic steps toward the next level of inclusive excellence by accomplishing institutional goals. The Institute Quality Assurance Cell (IQAC) constituted a subcommittee to prepare a SDP called "RSCOE: VISION 2025". This SDP is based on analyzing present challenges and opportunities along with futuristic activities that leads to achieve goals and objectives.

The stakeholder expectation fulfillment and institute goal achievement are estimated by doing study of internal and external

environment scan. Experts have conducted Strength, Weakness, Opportunities and Challenge (SWOC) analysis. This has helped in defining the strategies. These strategies are divided into nine strategic goals as follows:

1. Delivering Effective Governance
2. Academic Excellence through Outcome Based Education
3. Sustainable Infrastructure
4. Enrichment of Human Resource
5. Student Progression through Holistic Education
6. Empowering Minds through Research and Innovation
7. Collaborate and Excel
8. Community Outreach
9. Building the 'Brand RSCOE'

This plan stands a guiding document to RSCOE to attain the goals and to become the premier institute in terms of academic excellence and providing skilled engineers and managers to the society and nation.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	www.jspmrscoe.edu.in/pdf/Strategic%20Development%20Plan%20of%20RSCOE.html
Upload any additional information	No File Uploaded

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

The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

Governing Body stipulates guidelines and directions for the

programs, policies and processes. Governing Body motivates and guides the faculty members to achieve goals and objectives. Meetings with stake holders are arranged for their participation in different activities of the Institute. For effective implementation of plan, various committees are formed and responsibilities are decentralized. Faculty members and students are involved actively in decision making at different levels. Governing Body motivates faculty and staff members by recognizing their contribution. Academic responsibilities are fairly divided among all the faculty members.

Transparency and Availability of correct/Unambiguous in Public Domain

The policies, rules and regulations are updated on the website so that the stakeholders can reach the information at any point of time.

S.No

Item

Website Link

01

All Statutory & Non Statutory committee details

www.jspmrscoe.edu.in/stc.php

02

AICTE Mandatory Disclosure

www.jspmrscoe.edu.in/mandatory_disclosure.php

03

Institute Code of conduct, Service Rules & Procedures, Recruitment Policy & Promotion Policy, Leave Rules and Incentive Policy

www.jspmrscoe.edu.in/Code_of_Conduct.php

04

All examination related information

www.jspmrscoe.edu.in/Exam_committee.php

05

Admission Process,

Academic Calendars,

Syllabi (Deptwise)

www.jspmrscoe.edu.in/admission.php

www.jspmrscoe.edu.in/pdf/calendar/ACADEMIC-CALENDER-2020-21-SEM-I_II.html

www.jspmrscoe.edu.in/computer_department.php?value=1

06

Placement Statistics

www.jspmrscoe.edu.in/placements.php

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.jspmrscoe.edu.in/organisationchart.php
Upload any additional information	View File
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

In our Institution Staff welfare is given foremost importance. Welfare measures for teaching and non-teaching staff are summarized below:

- Group Insurance scheme for staff members.
- Study leaves for Ph D, higher education and training programmes.
- Reimbursement of claim for registration of conference/FDP/STTP/Workshops.
- Casual leave, medical leave, earn leave facility. Maternity Leaves to female staff for six months.
- Provident fund.
- Employee gets fees concession for their ward in JSPM associated schools.
- As Institution has a multicultural environment in the campus, the management ensures the celebration of all the festivals together.
- Internet and free Wi-Fi facilities are available in campus for staff.
- Summer and Winter Vacations for faculty members.
- Faculty development programs(FDP) and Skill development courses for faculty on regular basis to enhance their skills in work environment.
- Gratuity for the employees of the institution.
- Women Empowerment Cell is established for creating venues for women members to flourish and gain momentum.
- Centralized reprography facility (Xerox) for Teaching & Non Teaching staff.
- Salary advance facility for teaching and non teaching staff in case of urgency.
- Sports and Cultural facilities for teaching and non teaching

staff.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

115511

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

11

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

115

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Our institute regularly conducts internal and external financial audits. It has a full-time Treasurer and Accounts Department since inception to ensure maintenance of annual accounts and audits.

External Audit: External Audit is conducted by the Chartered Accountant of the JSPM group.

Internal Audit: Internal Audit is conducted by an accounts officer of the institute. This includes statutory audit covering all financial and accounting activities of the Institute. This includes scrutiny of the following: (a) all receipts from fee, donations, grants, contributions, and interest earned and returns on investments; (b) all payments to staff, vendors, contractors, students and other service providers. Chartered Accountant of the Institute conducts regular accounts audit and certifies its Annual Financial Statements. All Utilization Certificates to various grant giving agencies are also countersigned by the CA. All Financial Statements upto 2020-21 have been certified by the CA.

Work of Internal Audit of the Institute has been entrusted to the Internal Auditor of the Institute. He also pre-checks salary fixations, pension and gratuity payments and final payments of EPF.

Whenever there are additional expenses over and above the budget proposals, special sanction is to be taken from the Governing body.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

17.4

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Mobilization of funds in the institute is through several ways. The primary source of revenue for the college is the Annual fee collected from students. The fee is collected as per the fee and the guidelines of the State fee regulatory authority. The collected fee is deposited into fixed deposits and withdrawn periodically as per the requirements of the institute.

We received grants through sponsored projects from AICTE, SPPU (affiliating university), DST, UGC, industries for the development and maintenance of Infrastructure, upgrade of the Learning Resources, faculty & students trainings and Research (including grants for conferences). Also, funds received through consultancy offered by the institution. Budget estimations are collected and Budget is prepared. The same will be submitted to finance committee & Governing-body for approval.

Funds are provided to meet day-to-day operational and administrative expenses and maintenance of the fixed assets. Funds are utilized for purchase of advanced laboratories equipment to encourage research interest of the faculty and students. Enhancement of library facilities leads to novel learning practices and accordingly required funds are provided every year. Adequate funds are allocated for effective teaching-learning

practices that include conduct of FDPs, orientation-programs, workshops, inter disciplinary activities, training programmes that ensure quality education.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal Quality Assurance Cell (IQAC) consists of head of the institution, heads of departments, faculty representative, senior administrative officers, member from the management, nominees from local society, representative from alumni, students, parents and employers. Institute follows multi level monitoring system to review teaching-learning process to ensure that activities are conducted as per academic calendar. In IQAC meeting, the quality benchmarks and parameters are identified and process of execution is also defined for various Academic and Administrative activities of the Institution.

Two examples of best practices institutionalized:

Internal & External Academic Audit :

The report of the Internal and external Academic Audit committee was submitted to the IQAC and the same is put in the Governing Body and Academic Council for discussion, suggestion and approval. Due to such academic audit, it is found out that all departments and committees have been constantly improving their curricular, co-curricular and extra co-curricular performances.

Use and enrichment of ICT infrastructure:

The use of ICT tools has become an integral part in teaching-learning process. IQAC always encouraged teachers to utilize these tools in classroom teaching and laboratories. The IQAC has advised the administration to enrich ICT infrastructure by purchasing

advanced ICT tools, Hi speed internet Wi-Fi facility.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://lms.jspmrscoe.edu.in

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC of the institution ensures quality culture as the prime concern through institutionalizing and internalizing all the initiatives taken with internal and external support and periodical conduct of Academic and Administrative Audit and its follow-up.

IQAC act as a nodal agency of the Institution for coordinating quality-related activities ,some of the initiatives are :

- Implementation of Outcome-based learning education in each program.
- Promote industrial involvement in academic practices by organizing industrial training, industrial visits, workshops and guest lectures from industry experts, MOUs etc.
- Conducting quality programs i.e. seminars,webinars,guest lectures,conferences, etc.
- To enhance the use of ICT tools to strengthen the teaching-learning process.
- Introduces the employability skill development courses for students to enhance personality and employability.
- Participation of college in NIRF,ARIIA,NBA,AISHEand various other quality audits recognized by the state/national agencies.
- Establishment of Institute Innovation Council (IIC) under MHRD.
- Establishing Research and Development cell to promote Research activities.
- Establishment of various processes to take feedback/surveys from various stakeholders.
- Establishment of the Mentor-mentee process and its effective implementation.

IQAC also works on improving the teaching-learning process and supports for adopting Outcome-Based Education in all programs of

college gradually which in turn improvesthe employability of students and also rewarded with NBA accreditation

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.jspmrscoe.edu.in/naac_mom.php
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

We have women empowerment and following areas where our women employees are taking leaderships.

Institute is taking efforts for gender equality to empower and uplift women employees by

- 1) Mentoring women employees and making them ready for new executive and management roles
- 2) to prevent sexual harassment and to address women problems at work place institute has active cell of women gradience to make sure healthy environment for women employee and students.
- 3) Institute organizes gender equality programs to educate men and women employees and students.
- 4) Institute promotes equal representation in leadership roles for men and women.
- 5) Fitness programs and yoga activities.

Title of the Programme

Period (from-to)

Participants

Female

Male

Session on Woman Empowerment making them ready for management roles

22/02/2021

146

15

Session on Woman Safety

15/12/2020

187

Nil

Training to Non-Teaching Woman Staff

27/12/2020

15

62

ACM-Woman conduct session for Woman

10/02/2021

87

Nil

Woman Day Celebration Program

08/03/2021

247

Nil

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Institute enables several techniques for the management of degradable and non-degradable waste. The primary focus is to reduce, reuse and recycle the waste. Every day the waste is collected in bins and disposed to a place where it can be

converted into manure.

Training Programmes are conducted about the methodology of disposing the waste. It was stressed that we should avoid plastic items to the best possible capacity. It is also advised that Institute should use utensils made of papers and recycled material.

For solid waste management different bins have been placed. This ensures that solid waste segregated at the source. It is also ensured that the recycling of all these components is done in minimum cost. Suitable techniques are applied for disposing of solid waste.

Biomedical waste classified in hazardous and non-hazardous or infectious and other hazardous. Since, institute has a primary health center therefore, the waste like plastic disposables, liquid waste and other things are again segregated then collected and kept in a storage then transported and finally sent for the treatment of the disposal.

The Institute has organized Swach Bharat Abhiyan. Under this banner the utility of recycling the solid and biomedical waste has been particularized.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting
Bore well /Open well recharge Construction
of tanks and bunds Waste water recycling
Maintenance of water bodies and distribution
system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The college organized several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to

generate the feeling of oneness and social harmony.

Motivational lectures of eminent persons are arranged for all-round development of the students and to make them responsible citizens following the national values of social, communal harmony and national integration. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. In this way, the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

JSPM's Rajarshi Shahu College of Engineering sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen. The institute conducts regular training programs to develop competencies. Seminars, workshops, conferences etc. are organized by the College every year.

The library has an excellent collection of reference books and journals which are available to the faculty members. WIFI facility is also provided. The institute regularly conducts research workshops to familiarize the new teachers with the research process and sharpen the skills of the senior teachers. The management encourages the teaching staff to take up Minor and Major research projects. Any help needed in this direction is extended by the Management.

The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, unnat Bharat, River cleaning, blood donation camp etc. involving students.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institution has been celebrating the international and national commemorative days, events and festivals regularly. It has conducted several related activities to maintain harmony and healthy work atmosphere and to make the learners aware of the national pride and rich cultural heritage.

Every year RSCOE celebrates National Festivals i.e. Independence Day on 15th August and Republic Day on 26th by hoisting the national tricolour in the Campus. After unfurling the flag, students sing the National Anthem and other patriotic songs. On

these occasions, the dignitaries also deliver Independence/Republic day messages.

The institute also organizes the Teachers' Day every year on September 5 in memory of Dr. S. Radha Krishnan, former President of India. Eminent educationists and teachers are invited to deliver the Teachers' Day.

Some of the commemorative days, events and festivals includes:

- "Swachh Bharath - Swasth Bharat" a "Clean India Campaign" on 2nd October.
- National Education Day are held to mark Maulana Abul Kalam Azad's birth anniversary.
- Children's Day as a tribute to India's First Prime Minister, Pandit Jawaharlal Nehru on November 14 every year.
- National Unity Day/Week are observed to commemorate the birth anniversary of Sardar Vallabhbhai Patel.
- Shivaji Maharaj Jayanti
- Rajarshi Shahu Jayanti

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice-I : Shaashwat Eco sustainability activities

RSCOEhas stated this practice since 2017 with students' involvement. Various activities like, waste water management, green energy, mental health and stress management related activities, Yoga workshop, organizing various expert sessions

to create awareness a sense of social responsibility among students and staff. Shaashwat Eco sustainability activities pursued by RSCOE is a mark of our commitment to nurture and sustain the environment.

Objectives

- To develop awareness about life skills and physical fitness.
- To develop awareness, about environmental sustainability and green energy
- To organize various activities like celebration of world environmental day, organizing expert lecture on sustainability, activities like "Journey of River" to spread awareness on pollution of river etc.
- To develop leadership qualities.
- To inculcate the values of 'generosity' and a 'sense of social responsibility' among the students.

Best Practice-II : Project Based Learning:

Experiential learning is an engaged learning process whereby students "learn by doing" and by reflecting on the experience. It engages students in learning that is deep and long-lasting.

Objectives:

- To be more creative
- To understand the concepts
- To acquire valuable experiences through students' mistakes
- To reflect through opportunities
- To improve attitudes of the students toward learning

File Description	Documents
Best practices in the Institutional website	https://www.jspmrscoe.edu.in/institute_best_practices.php
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Rotaract Club Activities in RSCOE:

Club provides opportunities to students from multi disciplinary engineering disciplines, to interact with each other in various domains to identify societal problems and provide engineering solutions. This initiative helps to develop teamwork, leadership and practical skills.

RSCOE has a very active Rotaract Club, the main purpose is to provide humanitarian service, encourage high ethical standards in all vocations, and help build goodwill and peace in the community and the world.

Professional Service

Events includes:

- Seminars on Career Development.
- Industrial Visit.
- Conducting Aptitude Test for the Members.
- Seminars for schools students.
- Team organizing District Assembly & Conference.
- Participating or Organizing RYLA.
- Organizing Vocational Course

Community Service

Events includes:

- Cleanliness Drive in our City.
- Tree Plantation.
- Orphanage and Shelter Home Visits.
- Finding free schools and admitting street hawker's children.
- Traffic regulation.
- Providing Monetary support to patients belonging to poor family.
- Conducting Free Health Camps in the rural areas.

International Service

Every Rotaract clubs tries to broaden their Horizon on the perspective they have on International Matters, vitally exploring inter-cultural diversities. It is all about making friendship and

broadcasting club activities with one another.

Events includes:

- TWIN Club Agreement.
- Celebrating International Day.
- Joint Club Bulletin.
- Club Visits via Rotary Program.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Curricula developed and implemented have the relevance to the local, national, regional and global developmental needs. These are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes. Global strategies have been introduced in the curricula to keep track of the global trends so that the students can develop global competencies to achieve capability for employability, higher studies, innovation and research.

The academic council invites experts from various fields and reviews the curriculum so that it suits the needs according to the requirements of the service sector. Every programme presents programme outcomes, programme specific outcomes and carries course outcomes of each course. The Board of studies consists of the faculty members of the department and eminent external experts who are in constant touch with the developments in the field that ensures the relevance of the subject matter and the present needs in the field. The suggestions obtained from stakeholders are studied and analyzed for appropriate incorporation to improve quality of the curriculum.

The institute keenly observes the attainments of PEO, PO and PSO for the respective programs which in turn relates to Vision and Mission of the institution and department as well.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	www.jspmrscoe.edu.in/po_psc_co.php

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

02

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

51

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

48

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Institution integrates cross-cutting issues

Gender-Equality:

Same dress code is prescribed for both the genders and equal opportunities given for participation in student council, class representation, training programs, placement opportunities, co curricular & extracurricular activities including various forums. Internal Complaint Committee is formed to resolve grievances of girls if any. Motivational lectures of eminent personnel have been organized on gender issues such as Women empowerment, Role of women in development of nation, Self defence awareness program etc.

Environmental-and-Sustainability:

Students have a compulsory course on Environmental Studies in their curriculum.

Shashwat Club which carry out activities for environmental protection and ecological preservation. Students of the institute taken part enthusiastically in 'Clean India Mission' and 'Unnat Bharat Abhiyan' performed a skit in rural areas to bring awareness about cleanliness, hygiene and health amongst the villagers of this region.

The following programs conducted to describe the Human values

- Yoga day
- Art of living
- Rajarshi Shahu Jayanti
- Shivaji Jayanti
- Blood Donation Camp

- Health Check up Camps

Professional Ethics

Courses like Business Management , Fundamentals of Management and Strategy formulation), Construction Management etc are introduced by the institution to develop project management aspect & entrepreneurship skills. Indian standard codes, internet security, Plagiarism check etc followed to imbibe professional ethics

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

07

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

355

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1062

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.jspmrscoe.edu.in/naac_sfeedback.php
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.jspmrscoe.edu.in/naac_sfeedback.php
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

3944

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

430

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The institution assesses the learning levels of the students in two ways at the time of the commencement of the programme. Students enrolled in various disciplines are identified as slow and advanced learners initially based on their +2 marks and the entry level test conducted by the institute. Second year onwards, the list of slow and advanced learners is prepared before commencement of new semester based on Previous semester Mid-Term Test, End-Term Test, Continuous assessment record, Term work and Practical exam marks. The tutors of the respective classes of UG and PG extend valid support in classifying the students with reports based on observation and class tests. This helps to design special coaching sessions or tutorial sessions to bridge the gap between the slow learners and the advanced learners.

Strategies adopted for slow learners:

- Remedial Classes are conducted with an aim to improve the academic performance.
- Academic and personal counseling.

Strategies for the advanced learners:

- Special Coaching classes to secure University Ranks.

- Advanced learners are encouraged to enroll in MOOC Courses - Swayam.
- Coaching classes for competitive exams.
- Talented students are motivated to participate in co-curricular, extra-curricular activities, exhibitions and cultural competitions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2020	3944	264

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Experiential learning:

Experiential learning is an engaged learning process whereby students "learn by doing" and by reflecting on the experience. It engages students in learning that is deep and long-lasting.

Objectives:

1. To understand the concepts

2.To be more creative 3.To acquire valuable experiences through students' mistakes 4.To reflect through opportunities 5.To improve attitudes of the students toward learning Project Based Learning

In this, students dive into real-world problems over an extended period of time, which requires them to apply their

knowledge. It focuses on problem based, project centered activities. PBL is based on re-engineering processes that bring students from multiple disciplines together that support collaborative, cross-disciplinary, geographically distributed teamwork and learning. Students are required to collaborate with each other, use critical thinking skills.

Engineering Design & Development Laboratory of RSCOE:

This lab is equipped with tools like laser cutting machines, 3D printers, flexo robotic hands, micro controllers and various softwares.

Evidence of success:

1. Promoting interdisciplinary skills with modern technology usage among students.
2. Ensures students learn the importance of problem solving skills.
3. Team building skills.
4. May develop entrepreneurial approach among the students which may lead to patents.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The pandemic has forced us to shift to a virtual mode of learning. Information and Communication Technology (ICT) has helped to survive and adapt to the new ways of learning. Considering the various challenges, efforts have been made to optimize the potential of the existing and new educational platforms to be made available for students.

Institute facilitated the extensive use of MOODLE which helps faculties to create their own dynamic course contents that extend learning, anytime, anywhere. Students use online virtual laboratories developed under MHRD-IIT for demonstration of experiments that helps them in learning through remote experimentation. Our customize Moodle has wide of standard and

innovative features like MCQs, Questionnaire, Web link for e-resources, NPTEL link, Case studies, Research paper link, Subject Notes, videos can be uploaded, recorded videos. Our institute have created Youtube - RSCOE Knowledge Centre where e-contents prepared for students. Smart Board is installed in every department.

We also use online tools like Zoom, Google Classroom, Google meet, Webex to reach every learner. Students are encouraged to do NPTEL and Spoken Tutorial courses for knowledge enrichment. ICTs have made teaching and learning interactive and collaborative instead of the traditional teacher- talking and students listening approach.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	www.jspmrscoe.edu.in/ict.php
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

264

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic calendar prepared and adhered for conduct of Examination and other related matters: Academic Co-ordinator prepares academic calendar for each semester in line with Academic Calendar of affiliated university for commencement and conclusion of term, Practical/Oral and Theory examination. It also includes different activities like tests, assignment

execution, seminars, workshops, industrial visits, cultural-social-technical activities and schedule of meetings with Principal, academic coordinator and HOD. Departmental academic coordinator (DAC) is responsible for maintaining records of monthly attendance, status of syllabus completion and records of GFM activities. GFM is a guardian faculty member of a particular class who plays important role in mentoring of students, monitoring their attendance, preparation of monthly attendance. GFM also acts as mediator between institute and parents. In each department there is a program coordinator under whom, according to specialization, modules are formed. Each module is coordinated by module coordinator. Course coordinator along with other subject teacher prepares teaching plan, practical plan, unit wise question bank, MCQs, assignments of respective subjects. This system helps in overall development, achievement of students which is beneficial for growth of the institute. Principal as a head of institute monitors whole system at the academic as well as at the administrative level.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

264

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

60

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1984

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

10

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

4

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Reforms initiated on Continuous Internal Evaluation (CIE) system at the institutional level. MOODLE learning Management System is utilized for Continuous internal evaluation, self-evaluation of students through LMS. The institute regularly conducts, group discussions, seminars and guest lectures. Institute has transparent continuous internal evaluation system which consists of internal assessment tests (twice in a term), re-test and evaluation of practical exercises. Students attendance is regularly updated on Moodle. During the assessment, attributes like technical ability of student communication skill, logical understanding behavior of the student, personality, ethical values and professionalism is observed and rated. The department communicates progress report of their ward to the parents to maintain the transparency. For internal evaluation, each department has test coordinator for smooth conduction of internal tests. The results of evaluation are declared within eight days. The model answers are also discussed during lecture sessions. For mistakes in examination forms, conduction of online and in semester examinations, the institute solves the issues through proper channel and helps the students regarding the same. In case of issues related to revaluation, rechecking, and photocopying of the answer books, institute helps students to resolve the problem as per university guidelines and following proper channel to solve the issues.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students.

https://www.jspmrscoe.edu.in/po_psc_co.php

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://www.jspmrscoe.edu.in/po_psc_co.php

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution uploaded herewith and also available on the institute website.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.jspmrscoe.edu.in/naac_attainment.php

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1102

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://www.jspmrscoe.edu.in/naac_sss.php

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The research and development cell was established to promote research activities of the faculty members, scholars and students of college. The R&D cell was setup with the objectives of developing the strategic plan for scientific and technology research which includes supervision, execution of research, interdisciplinary and multidisciplinary research, academic research collaboration with national and international institution/Universities, Government/private industry, government funded/ private funded projects, IPR and transfer of technology.

Objectives:

- Integrate research and education.
- Enable faculty members and students to transform the knowledge into research by adding incremental improvement.
- Promote research potential of faculty members with their innovative ideas.
- Generation of patents and IPRs.
- Check Malpractices and Plagiarism in Research

Functions

- Identification of thrust areas in Engineering and Sciences
- Up-gradation of Research laboratories, need based Research Journals
- Provide guidance for submitting proposals to various government and non-government funding agencies.
- Incentives for Research and IPR activities
- Joint Research with industries and Co-guides from universities of national and international repute.

RSCOE is committed to serve the society by conducting research with the national and international standards. RSCOE creates an open platform to foster research culture and to pursue scholarly research activities.

- Academic-Research
- Sponsored Research
- Plagiarism Check
- Collaborative Research Project
- Financial Support & Accounting

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	www.jspmrscoe.edu.in/pdf/Research%20Policy-RSCOE.html
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

2.63 Lakh

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

01

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

38.09

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

6

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

14

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institute is committed to promoting Innovations, Patents, and Start-ups among the students and faculties. The institute has established IIC Institutes Innovation Council under the

aggress MHRD initiatives. Four cells Viz. Innovation Cell, IPR Cell, Start-up Cell, and Incubation Cell have been formed at the institute to promote and encourage innovations. The institute has formed a council for implementing NISP National Innovation and Start-up Policies. Various competitions related to Ideation, Business Plans are organized to boost the agenda of Innovation, Incubation, and Start up Cell. The various other clubs such as Shashwat Club, Rotary Club, and Robotics Club are established at the institute to promote sustainability and technology. The institute is a member of the NEN National Entrepreneurship Network. Faculties are trained by various state and central agencies such as DST, STTP, MHRD, etc.

The institute is tied up with Mahatma Gandhi's Mission of Rural Development. Through this cell students and faculties are motivated to come up with ideas helpful for rural development.

The institute is a member of Unnat Bharat Abhiyan through which problems of villages are understood.

The institute is tied up with SPPU CIIL Savitribai Phule Pune University Centre for Innovation, Incubation, and Linkages through which various ideation-related activities are conducted.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.jspmrscoe.edu.in/pdf/3%20%20Innovation%20and%20Startup%20Policies%20at%20RSCOE.pdf

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

13

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards	
3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above
File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded
3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year	
3.4.2.1 - Number of PhD students registered during the year	
7	
File Description	Documents
URL to the research page on HEI website	https://www.jspmrscoe.edu.in/constitution%20of%20iic.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded
3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year	
108	

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

24

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

132

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

81

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)**29.11**

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year**2,00,000/-**

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

As an extension activity, under the Community Service, mask distribution was done. It was a special event held on the first day of the RIY 2020-21. An event was organized for feeding stray animals during the Covid-19 pandemic in collaboration with the Rotaract Club of Bombay-Film City.

Rotary Club organized event of Eco-Friendly Ganpati virtually by spreading awareness around society. Through this event, various precautions or safety measures that can be taken for a safe and environmentally friendly Ganesh festival were brought into the limelight.

Rotaract Club of RSCOE created awareness among people about the do's and don'ts of Diwali Celebration by means of sharing posters through social media. Institute celebrates International Women's Day & World Rotaract Week organized distribution of sanitary pads in the vicinity.

World AIDS Day was organized on creating awareness about HIV & AIDS through social media.

World Diabetes Day was organized in collaboration with the Rotaract club of DYP ACS. Diabetes is a subject that holds a lot of attention when brought up in the health care fields. Diabetes currently affects more than 62 million Indians, which is more than 7.2% of the adult population. So, it's our moral responsibility to spread word of awareness.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

38

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and

those organised in collaboration with industry, community and NGOs)**15**

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year**1098**

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

3.7 - Collaboration**3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work****10**

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)**13**

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college is providing the well equipped learning infrastructure including 58 Classrooms, 87 laboratories with ICT facilities. 8 smart classrooms and 06 seminar hall with video-conferencing facility. The language laboratory, computer centre including latest i5, i9 and Xeon are available in central computing facilities. The IT server room insures the protection of CyberRom with 155 Mbps and 60 Mbps dedicated lease line for laboratories and Wi-Fi.

The centralized training and placement office includes conference room, presentation room, interview rooms, assembly rooms. The principal office, departmental HOD cabins with meeting room are ICT equipped ensuring best service.

The workshop area is 1200+Sqmt including VMC, BMC, CNC, Heat-Transfer and power generation machine, wind turbine, wing tunnel, lathe machines.

The library includes stack area, reference room, digital library, accession counters, reprography room, presentation and discussion room and air-conditioned reading hall with 250+ capacity.

Institute has developed laboratories in collaboration with industries like Bentley Systems, Tata Automotives Ltd., Nayan Electronics, Zensar Technologies, TCS, IIT Ropar.

The institute has Girls and Boys Hostel on the campus with canteen facility. Medical facility room, gymkhana facilities

including indoor game, cultural activity halls are available. The uninterrupted power supply is ensured by UPS, Battery Backups and dedicated power generators.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

Facilities for Cultural Activities and Sports:

1. Institute has ground for outdoor sports facility such as football, cricket, volleyball, basketball, kabaddi, kho-kho, etc.
2. Institute has gymkhana for indoor games like - table tennis, carom and chess.
3. A 300 seating capacity auditorium is available in institute for various program. The institute also has another auditorium with a seating capacity of 110 students.
4. Institute organizes annual sports and cultural gathering 'Gandharv' and Inter collegiate level games
5. International stadium ShriChatrapati Sports Complex, Balewadi, Pune and PCMC Sports grounds are also available in the proximity of the college to conduct sports events for the students.

Facilities

1. Basket ball ground
2. volley ball ground
3. Table tennis
4. State of the art gym
5. Cricket ground

The institute has a Yoga centre with a capacity to accommodate 150 students.

Gymkhana is well equipped with good indoor and outdoor sports facilities such as kabaddi, Volley Ball, Table Tennis, Carom boards, Basketball, Cricket, Badminton Football etc. RSCOE have good sport ground but also college hire various stadiums and

sports grounds as and when required to conduct these events. Since inception institute produced number of National Level, State Level and University Level players in these games.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

65

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

65.07

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Name of ILMS Software for Automation

Auto Lib

Current Version

Auto Lib NG

Year of Automation

2015

Status of Automation

All books and students database created in Auto Lib software.

Bar-Coded Issue/Return transactions are being carried out through Auto lib software.

Different Report generation facilities are available

.All the books have been bar-coded generated through Auto Lib software.

Bar-Coding

All the books *(46667) are bar-coded generated through ISLIM software.

Modules available in Software

Acquisition: Cataloguing, Serial Control, , Circulation, Web OPAC

Number of Computers for OPAC Access in Digital Library

20

Services provided

Home Lending, Issue/Return within library, Book Bank Service , OPAC, Open Access Resources, E-Journals, E-Books, News Paper, Reference Service,

Library membership

IIT Mumbai Central Library, ARAI Library, DELNET,

ICT Equipments Available in Library

Bar-Code Reader, Document Printer, Document Scanner, , Server Machine, Computer Systems, Head Phones, Web Camera, Speakers,

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

26.38

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

115

File Description	Documents
Upload details of library usage by teachers and students	No File Uploaded
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities every academic year. With the increasing demand for internet access in educational campuses due to evolving standard of education and flexibility offered by the Internet - RSCOE are keenly stepping forward to setup secured and stable wired or Wi-Fi network campus for their students to access internet from class room to library to labs and hostels.

Currently we are using leased line of 155 Mbps from Teleglobal communications private limited and 60 Mbps from Gazon Communications Private limited. The institute also provides Wi-Fi facility to students at both hostels as well as in campus.

The institute internet is secured using Sophos x550 firewall. The institute has a 24x7 Wi-Fi facility in the college campus for the student and faculty members to avail internet connection at any place in the college & hostel. The connectivity through a fully networked campus with state-of-the-art IT infrastructure, computing & communication resources, offers students the facilities of digital contents, e-mail, net surfing, up/down loading of web based application, besides helping them in preparing projects & seminars.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3944	1083
File Description	Documents
Upload any additional information	View File
4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. 750 Mbps
File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded
4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	B. Any three of the above
File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File
4.4 - Maintenance of Campus Infrastructure	
4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)	
247.34	

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The Institute has well defined procedures along with monitoring to ensure proper maintenance and utilization of infrastructure, library, sports grounds, laboratories, classrooms, seminar halls, auditoriums. For the up keep of computers, LAN, internet, Wi-Fi and other ICT facilities separate provisions have been made under the supervision of system administrator.

The institute has qualified staff for the maintenance of electrical work, civil work etc. To meet power break down and to provide adjustable power base, Gensets have been installed which are technically manned by the trained technicians.

Laboratory:

- Equipment, instruments and appliances involved in the teaching-learning process are provided continuous maintenance and repair.

Sports Facilities:

- Various sports faculties are regularly used for competitions & practice.
- The indoor and outdoor sports facilities regularly monitored. Sport director has been appointed by the institute to carry out sport activities.

Computers:

- System administrator is responsible for proper utilization and maintenance of LAN, Internet and Wi-Fi facilities.
- Repair and maintenance of Lab equipments and instruments is carried out by internal technicians under the guidance of System administrator.

- **Technical Aids such as Multimedia Projectors, Laptops, desktops, printers, Wi-Fi, LAN etc are maintained by trained technicians.**

Classrooms:

- **All classrooms are cleaned every day on regular basis and maintained by housekeeping department.**
- **The supervisors are responsible for the maintenance of the buildings and physical facilities including washrooms.**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

3359

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

17

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above
File Description	Documents
Link to Institutional website	www.jspmrscoe.edu.in/Activity%20Reports.php
Details of capability development and schemes	View File
Any additional information	No File Uploaded
5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year	
272	
File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

549

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

28

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

25

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

28

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Our Institute has active student council. Students represent in academic and administrative bodies/committees of the institution. The selection of Student Council is as per provisions of the Maharashtra University Act, 1994. It consists of a male and female student representative.

Functions

- The students are selected by selection committee based on their interest, communication skill, active participation in various events etc.
- The student secretaries are selected based on interview by a committee consists of Campus Director, Principal and faculty in charges.
- Cultural events, sports, technical events are organized and conducted by students. Respective authority supports the student representatives to conduct the activities.
- Institute bears all the expenses related to travelling, accommodation, food, registration etc for activities conducted.

The following are the various academic and administrative bodies :

- Student Council
- IQAC, DAB, Focus group
- All Student Chapters
- Anti-ragging Committee
- Hostel committee
- NSS(National Service Scheme)
- Departmental Students Associations
- Earn and Learn Scheme of SPPU
- Research and development Cell
- Cultural & Extra-co-curricular activity
- Each department has appointed student Welfare coordinator, Sports coordinator and Cultural coordinator. This coordinator collects the data of the interested students and encourages them to participate at different level.
- Dedicated infrastructure is available where the students carry out their practice related to different activities/events.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.jspmrscoe.edu.in/students_associations.php

5.3.3 - Number of sports and cultural events / competitions organised by the institution

4

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The objective of the Alumni Association of RSCOE is to reach, engage and serve all alumni & present students by networking with one another to foster a life-long intellectual and emotional connection between the institute and its graduates. Alumni association of RSCOE has technocrats, leaders, entrepreneurs, researchers and global managers. Our alumni are instrumental in enhancing the Institute's fame locally and globally. The Institute's participative culture always ensured that alumni are encouraged to stay connected with their alma-mater and inspire and motivate current students. RSCOE has partnered with Univibe Network to provide its Alumni a comprehensive tool for networking amongst alumni, faculty & other members of the institute. A platform that provides you access to the vast network of RSCOE Alumni working in reputed organisations worldwide. The active network and collaboration with alumni, helps the institute in overall development by following ways:

- Registered alumni association
- Alumni meeting is organized ever year
- Alumni is informally a part of the teaching learning process thro expert lecture, project guides, organizing industrial visits and ment students.
- Alumni are in communication with the institute through Socia networking sites like Facebook, WhatsApp, Google drive, V-chat.

Registration : MH/365/2007 dated 06/03/2007

Number of Alumni : 8714

Number of Alumni-Meets held: 16

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.jspmrscoe.edu.in/news&eventsalumni.ph p

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Good governance underpins and supports the mission and purpose of the institution. The governance of the institution is reflected of an effective leadership in tune with the vision and mission of the Institution given as below:

Objectives

- To be a premier institute for quality education and research in the field of Engineering and Management.
- To produce technically proficient, quality cognizant engineers imbued with moral and professional ethics.
- To strengthen interaction with industries and other organizations.
- To develop various laboratories of departments into center of excellence

The Vision and Mission of the institute are in tune with objectives of higher education. The formal and informal arrangements in institute co-ordinate the academic and administrative planning and implementation reflects the institutions efforts in achieving its vision.

Reflection of Mission and Vision in the leadership of institute ensures:

- The policy statements and action plans:
- Interaction with stakeholders.
- Proper support for policy and planning.
- Reinforcing the culture of excellence.

The management actively participates in statutory committee meetings to ensure policy statements and action plans are aligned for attaining the mission of institute, disseminate the vision and mission to all stakeholders and involve them in forming the policy statements.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.jspmrscoe.edu.in/organisation_chart.php

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Institute has mechanism for delegating authority and providing operational autonomy to various functionaries to work towards decentralized governance system.

1. Principal Level The Governing Body delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal in order to fulfill the vision and mission of the institute.

2. Faculty Level Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are given authority to tie up with industry experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs.

3. Student Level Students are empowered to play an active role as a coordinator of academic, co-curricular and extra-curricular activities.

Strategic Level

- The principal, academic co-coordinator and staff members are involved in defining the policies and procedures,

pertaining to admission, placement, discipline, grievance, counseling, training and library services etcto ensure smooth and systematic functioning of the institute.

- Staff members are also involved in deciding academic activities and examinations to be conducted by the college. Functional Level .

Operational level : The principal of the institution is a member secretary of the GB in order to fulfill the vision and mission of the institute.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	www.jspmrscoe.edu.in/pdf/Strategic%20Development%20Plan%20Of%20RSCOE.html

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

A well defined Strategic Development Plan can play a pivotal role in an engineering institute's growth and success. RSCOE focuses on strategic steps toward the next level of inclusive excellence by accomplishing institutional goals. The Institute Quality Assurance Cell (IQAC) constituted a subcommittee to prepare a SDP called "RSCOE: VISION 2025". This SDP is based on analyzing present challenges and opportunities along with futuristic activities that leads to achieve goals and objectives.

The stakeholder expectation fulfillment and institute goal achievement are estimated by doing study of internal and external environment scan. Experts have conducted Strength, Weakness, Opportunities and Challenge (SWOC) analysis. This has helped in defining the strategies. These strategies are divided into nine strategic goals as follows:

1. Delivering Effective Governance
2. Academic Excellence through Outcome Based Education
3. Sustainable Infrastructure
4. Enrichment of Human Resource
5. Student Progression through Holistic Education
6. Empowering Minds through Research and Innovation
7. Collaborate and Excel
8. Community Outreach
9. Building the 'Brand RSCOE'

This plan stands a guiding document to RSCOE to attain the goals and to become the premier institute in terms of academic excellence and providing skilled engineers and managers to the society and nation.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	www.jspmrscoe.edu.in/pdf/Strategic%20Development%20Plan%20of%20RSCOE.html
Upload any additional information	No File Uploaded

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

The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

Governing Body stipulates guidelines and directions for the programs, policies and processes. Governing Body motivates and guides the faculty members to achieve goals and objectives. Meetings with stake holders are arranged for their participation in different activities of the Institute. For

effective implementation of plan, various committees are formed and responsibilities are decentralized. Faculty members and students are involved actively in decision making at different levels. Governing Body motivates faculty and staff members by recognizing their contribution. Academic responsibilities are fairly divided among all the faculty members.

Transparency and Availability of correct/Unambiguous in Public Domain

The policies, rules and regulations are updated on the website so that the stakeholders can reach the information at any point of time.

S.No

Item

Website Link

01

All Statutory & Non Statutory committee details

www.jspmrscoe.edu.in/stc.php

02

AICTE Mandatory Disclosure

www.jspmrscoe.edu.in/mandatory_disclosure.php

03

Institute Code of conduct, Service Rules & Procedures, Recruitment Policy & Promotion Policy, Leave Rules and Incentive Policy

www.jspmrscoe.edu.in/Code_of_Conduct.php

04

All examination related information

www.jspmrscoe.edu.in/Exam_committee.php

05

Admission Process,

Academic Calendars,

Syllabi (Deptwise)

www.jspmrscoe.edu.in/admission.phpwww.jspmrscoe.edu.in/pdf/calendar/ACADEMIC-CALENDER-2020-21-SEM-I_II.htmlwww.jspmrscoe.edu.in/computer_department.php?value=1

06

Placement Statistics

www.jspmrscoe.edu.in/placements.php

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.jspmrscoe.edu.in/organisation_chart.php
Upload any additional information	View File
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

In our Institution Staff welfare is given foremost importance. Welfare measures for teaching and non-teaching staff are summarized below:

- Group Insurance scheme for staff members.
- Study leaves for Ph D, higher education and training programmes.
- Reimbursement of claim for registration of conference/FDP/STTP/Workshops.
- Casual leave, medical leave, earn leave facility. Maternity Leaves to female staff for six months.
- Provident fund.
- Employee gets fees concession for their ward in JSPM associated schools.
- As Institution has a multicultural environment in the campus, the management ensures the celebration of all the festivals together.
- Internet and free Wi-Fi facilities are available in campus for staff.
- Summer and Winter Vacations for faculty members.
- Faculty development programs(FDP) and Skill development courses for faculty on regular basis to enhance their skills in work environment.
- Gratuity for the employees of the institution.
- Women Empowerment Cell is established for creating venues for women members to flourish and gain momentum.
- Centralized reprography facility (Xerox) for Teaching & Non Teaching staff.
- Salary advance facility for teaching and non teaching staff in case of urgency.

- **Sports and Cultural facilities for teaching and non teaching staff.**

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

115511

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

11

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

115

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Our institute regularly conducts internal and external financial audits. It has a full-time Treasurer and Accounts Department since inception to ensure maintenance of annual accounts and audits.

External Audit: External Audit is conducted by the Chartered Accountant of the JSPM group.

Internal Audit: Internal Audit is conducted by an accounts officer of the institute. This includes statutory audit covering all financial and accounting activities of the Institute. This includes scrutiny of the following: (a) all receipts from fee, donations, grants, contributions, and interest earned and returns on investments; (b) all payments to staff, vendors, contractors, students and other service providers. Chartered Accountant of the Institute conducts regular accounts audit and certifies its Annual Financial Statements. All Utilization Certificates to various grant giving agencies are also countersigned by the CA. All Financial Statements upto 2020-21 have been certified by the CA.

Work of Internal Audit of the Institute has been entrusted to the Internal Auditor of the Institute. He also pre-checks salary fixations, pension and gratuity payments and final payments of EPF.

Whenever there are additional expenses over and above the budget proposals, special sanction is to be taken from the Governing body.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

17.4

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Mobilization of funds in the institute is through several ways. The primary source of revenue for the college is the Annual fee collected from students. The fee is collected as per the fee and the guidelines of the State fee regulatory authority. The collected fee is deposited into fixed deposits and withdrawn periodically as per the requirements of the institute.

We received grants through sponsored projects from AICTE, SPPU (affiliating university), DST, UGC, industries for the development and maintenance of Infrastructure, upgrade of the Learning Resources, faculty & students trainings and Research (including grants for conferences). Also, funds received through consultancy offered by the institution. Budget estimations are collected and Budget is prepared. The same will be submitted to finance committee & Governing-body for approval.

Funds are provided to meet day-to-day operational and administrative expenses and maintenance of the fixed assets. Funds are utilized for purchase of advanced laboratories equipment to encourage research interest of the faculty and students. Enhancement of library facilities leads to novel learning practices and accordingly required funds are provided

every year. Adequate funds are allocated for effective teaching-learning practices that include conduct of FDPs, orientation-programs, workshops, inter disciplinary activities, training programmes that ensure quality education.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal Quality Assurance Cell (IQAC) consists of head of the institution, heads of departments, faculty representative, senior administrative officers, member from the management, nominees from local society, representative from alumni, students, parents and employers. Institute follows multi level monitoring system to review teaching-learning process to ensure that activities are conducted as per academic calendar. In IQAC meeting, the quality benchmarks and parameters are identified and process of execution is also defined for various Academic and Administrative activities of the Institution.

Two examples of best practices institutionalized:

Internal & External Academic Audit :

The report of the Internal and external Academic Audit committee was submitted to the IQAC and the same is put in the Governing Body and Academic Council for discussion, suggestion and approval. Due to such academic audit, it is found out that all departments and committees have been constantly improving their curricular, co-curricular and extra co-curricular performances.

Use and enrichment of ICT infrastructure:

The use of ICT tools has become an integral part in teaching-learning process. IQAC always encouraged teachers to utilize

these tools in classroom teaching and laboratories. The IQAC has advised the administration to enrich ICT infrastructure by purchasing advanced ICT tools, Hi speed internet Wi-Fi facility.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://lms.jspmrscoe.edu.in

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC of the institution ensures quality culture as the prime concern through institutionalizing and internalizing all the initiatives taken with internal and external support and periodical conduct of Academic and Administrative Audit and its follow-up.

IQAC act as a nodal agency of the Institution for coordinating quality-related activities ,some of the initiatives are :

- Implementation of Outcome-based learning education in each program.
- Promote industrial involvement in academic practices by organizing industrial training, industrial visits, workshops and guest lectures from industry experts, MOUs etc.
- Conducting quality programs i.e. seminars,webinars,guest lectures,conferences, etc.
- To enhance the use of ICT tools to strengthen the teaching-learning process.
- Introduces the employability skill development courses for students to enhance personality and employability.
- Participation of college in NIRF,ARIIA,NBA,AISHEand various other quality audits recognized by the state/national agencies.
- Establishment of Institute Innovation Council (IIC) under MHRD.
- Establishing Research and Development cell to promote Research activities.
- Establishment of various processes to take feedback/surveys from various stakeholders.
- Establishment of the Mentor-mentee process and its

effective implementation.

IQAC also works on improving the teaching-learning process and supports for adopting Outcome-Based Education in all programs of college gradually which in turn improve the employability of students and also rewarded with NBA accreditation

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.jspmrscoe.edu.in/naac_mom.php
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

We have women empowerment and following areas where our women employees are taking leaderships.

Institute is taking efforts for gender equality to empower and uplift women employees by

- 1) Mentoring women employees and making them ready for new executive and management roles
- 2) to prevent sexual harassment and to address women problems at work place institute has active cell of women gradience to make sure healthy environment for women employee and students.
- 3) Institute organizes gender equality programs to educate men and women employees and students.
- 4) Institute promotes equal representation in leadership roles for men and women.
- 5) Fitness programs and yoga activities.

Title of the Programme

Period (from-to)

Participants

Female

Male

Session on Woman Empowerment making them ready for management roles

22/02/2021

146

15

Session on Woman Safety

15/12/2020

187

Nil

Training to Non-Teaching Woman Staff

27/12/2020

15

62

ACM-Woman conduct session for Woman

10/02/2021

87

Nil

Woman Day Celebration Program

08/03/2021

247

Nil

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Institute enables several techniques for the management of degradable and non-degradable waste. The primary focus is to

reduce, reuse and recycle the waste. Every day the waste is collected in bins and disposed to a place where it can be converted into manure.

Training Programmes are conducted about the methodology of disposing the waste. It was stressed that we should avoid plastic items to the best possible capacity. It is also advised that Institute should use utensils made of papers and recycled material.

For solid waste management different bins have been placed. This ensures that solid waste segregated at the source. It is also ensured that the recycling of all these components is done in minimum cost. Suitable techniques are applied for disposing of solid waste.

Biomedical waste classified in hazardous and non-hazardous or infectious and other hazardous. Since, institute has a primary health center therefore, the waste like plastic disposables, liquid waste and other things are again segregated then collected and kept in a storage then transported and finally sent for the treatment of the disposal.

The Institute has organized Swach Bharat Abhiyan. Under this banner the utility of recycling the solid and biomedical waste has been particularized.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The college organized several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. To develop the emotional and religious feelings among the students and the faculty, commemorative days

are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony.

Motivational lectures of eminent persons are arranged for all-round development of the students and to make them responsible citizens following the national values of social, communal harmony and national integration. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. In this way, the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

JSPM's Rajarshi Shahu College of Engineering sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen. The institute conducts regular training programs to develop competencies. Seminars, workshops, conferences etc. are organized by the College every year.

The library has an excellent collection of reference books and journals which are available to the faculty members. WIFI facility is also provided. The institute regularly conducts research workshops to familiarize the new teachers with the research process and sharpen the skills of the senior teachers. The management encourages the teaching staff to take up Minor and Major research projects. Any help needed in this direction is extended by the Management.

The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat,

unnat Bharat, River cleaning, blood donation camp etc. involving students.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institution has been celebrating the international and national commemorative days, events and festivals regularly. It has conducted several related activities to maintain harmony and healthy work atmosphere and to make the learners aware of the national pride and rich cultural heritage.

Every year RSCOE celebrates National Festivals i.e.

Independence Day on 15th August and Republic Day on 26th by hoisting the national tricolour in the Campus. After unfurling the flag, students sing the National Anthem and other patriotic songs. On these occasions, the dignitaries also deliver Independence/Republic day messages.

The institute also organizes the Teachers' Day every year on September 5 in memory of Dr. S. Radha Krishnan, former President of India. Eminent educationists and teachers are invited to deliver the Teachers' Day.

Some of the commemorative days, events and festivals includes:

- "Swachh Bharath - Swasth Bharat" a "Clean India Campaign" on 2nd October.
- National Education Day are held to mark Maulana Abul Kalam Azad's birth anniversary.
- Children's Day as a tribute to India's First Prime Minister, Pandit Jawaharlal Nehru on November 14 every year.
- National Unity Day/Week are observed to commemorate the birth anniversary of Sardar Vallabhbhai Patel.
- Shivaji Maharaj Jayanti
- Rajarshi Shahu Jayanti

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice-I : Shaashwat Eco sustainability activities

RSCOE has stated this practice since 2017 with students' involvement. Various activities like, waste water management, green energy, mental health and stress management related activities, Yoga workshop, organizing various expert sessions to create awareness a sense of social responsibility among students and staff. Shaashwat Eco sustainability activities pursued by RSCOE is a mark of our commitment to nurture and sustain the environment.

Objectives

- To develop awareness about life skills and physical fitness.
- To develop awareness, about environmental sustainability and green energy
- To organize various activities like celebration of world environmental day, organizing expert lecture on sustainability, activities like "Journey of River" to spread awareness on pollution of river etc.
- To develop leadership qualities.
- To inculcate the values of 'generosity' and a 'sense of social responsibility' among the students.

Best Practice-II : Project Based Learning:

Experiential learning is an engaged learning process whereby students "learn by doing" and by reflecting on the experience. It engages students in learning that is deep and long-lasting.

Objectives:

- To be more creative
- To understand the concepts
- To acquire valuable experiences through students' mistakes
- To reflect through opportunities
- To improve attitudes of the students toward learning

File Description	Documents
Best practices in the Institutional website	https://www.jspmrscoe.edu.in/institute_best_practices.php
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Rotaract Club Activities in RSCOЕ:

Club provides opportunities to students from multi disciplinary engineering disciplines, to interact with each other in various domains to identify societal problems and provide engineering solutions. This initiative helps to develop teamwork, leadership and practical skills.

RSCOЕ has a very active Rotaract Club, the main purpose is to provide humanitarian service, encourage high ethical standards in all vocations, and help build goodwill and peace in the community and the world.

Professional Service

Events includes:

- Seminars on Career Development.
- Industrial Visit.
- Conducting Aptitude Test for the Members.
- Seminars for schools students.
- Team organizing District Assembly & Conference.
- Participating or Organizing RYLA.
- Organizing Vocational Course

Community Service

Events includes:

- Cleanliness Drive in our City.
- Tree Plantation.
- Orphanage and Shelter Home Visits.
- Finding free schools and admitting street hawker's

children.

- Traffic regulation.
- Providing Monetary support to patients belonging to poor family.
- Conducting Free Health Camps in the rural areas.

International Service

Every Rotaract clubs tries to broaden their Horizon on the perspective they have on International Matters, vitally exploring inter-cultural diversities. It is all about making friendship and broadcasting club activities with one another.

Events includes:

- TWIN Club Agreement.
- Celebrating International Day.
- Joint Club Bulletin.
- Club Visits via Rotary Program.

File Description	Documents
Appropriate link in the institutional website	https://www.jspmrscoe.edu.in/institute_best_practices.php
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- To enhance NIRF ranking amongst top 200 engineering institutions.
- To offer National/International Internships for students in the next academic year (2021-22) and will motivate, facilitate for international internships.
- To create "Innovation Fund" for supporting Innovative Projects and Startup.
- To maintain strong connections with the industry, academia, research organizations, alumni and civil society.
- To provide environment to nurture start-ups by creating entrepreneurial ecosystem through incubation.
- To retain and develop outstanding faculties and staff.
- To develop interdisciplinary programs keeping pace with

rapidly changing domains of technology.

- To establish more no of academic, research and industry collaborations with national and international repute.
- Implementation of Strategic Plan 'RSCOE Vision-2025' based on five year strategic plan and will implement the same through Key Result Areas (KRAs).
- Focus on active learning and problem/project based delivery and assessment. Institute has decided to strengthen the OBE by focusing on active learning and problem/project based delivery and assessment.
- To achieve ARIIA ranking amongst top 25 institutions in India.
- The institute has planned various AICTE/ISTE approved One/Two week workshops/STTP belonging to different disciplines.
- To Promote entrepreneurship and innovations among the students, institute will support budding entrepreneurs with aspects of Mentoring , Funding opportunities, Registrations , Patent filing and much more.