YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution   JSPM'S BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH

- Name of the Head of the institution   Nagaraj Kalayanappa Timalapur

- Designation   Principal

- Does the institution function from its own campus?   Yes

- Phone no./Alternate phone no.   020-67335108

- Mobile no   9922914761

- Registered e-mail   principal@jspmbsiotr.edu.in

- Alternate e-mail   principal@jspmbsiotr.edu.in

- Address   Gat No 720 (1 and 2) Pune Nagar Road,Wagholi, Tal Haveli, Dist Pune

- City/Town   Pune

- State/UT   Maharashtra

- Pin Code   412207

2.Institutional status

- Affiliated /Constituent   Affiliated

- Type of Institution   Co-education

- Location   Urban

- Financial Status   **Self-financing**

- Name of the Affiliating University   **Savitribai Phule Pune University, Pune**

- Name of the IQAC Coordinator   **Prabhuling Virbasappa Jatti**

- Phone No.   **02067335108**

- Alternate phone No.   **9881409050**

- Mobile   **9881409050**

- IQAC e-mail address   **iqac@jspmbsiotr.edu.in**

- Alternate Email address   **pvjatti@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://jspmbsiotr.edu.in/storage/Menus/NAAC/12/60/A3.%20BSIOTR_AQAR%202019-20.pdf

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

- if yes, whether it is uploaded in the Institutional website Web link: https://jspmbsiotr.edu.in/storage/Menus/NAAC/12/30/1.1.2.Academic%20Calendar.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B++**	**2.86**	**2018**	**02/11/2018**	**02/11/2023**

6.Date of Establishment of IQAC   **06/06/2016**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	**NIL**	**NIL**	**NIL**	**NIL**

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

- Upload latest notification of formation of IQAC

View File

9.No. of IQAC meetings held during the year   4

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

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

10.Whether IQAC received funding from any of the 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. Utilization of MOODLE in teaching-learning process 2. Review of teaching-learning process 3..implementation of online teaching learning using different platforms during COVID 19 pandemic situation. 4.Implementation of CIE 5. MOU with Industries for sponsored projects/ internship training and placement activities.

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

Plan of Action	Achievements/Outcomes
1. Provision of ICT enabled facility to implement curriculum online	**Effective implementation of curriculum**
2. Skills enhancement training for students.by training partners through MOUs	**Increase in Placement**
3. Participation of faculty in online seminar FDP and workshops.	**Knowledge up-gradation of faculty**
4. Industry Institute Interaction.	**curriculum enrichments.**
5. Continuous Internal Assessment	**Enhancement in Academic performance of Students.**

13.Whether the AQAR was placed before statutory body?   **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	**Nil**

14.Whether institutional data submitted to AISHE

Part A	
Data of the Institution	
1.Name of the Institution	JSPM'S BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH
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	University, Pune
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• Mobile	**9881409050**
• IQAC e-mail address	**iqac@jspmbsiotr.edu.in**
• Alternate Email address	**pvjatti@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://jspmbsiotr.edu.in/storage/Menus/NAAC/12/60/A3.%20BSIOTR_AQAR%202019-20.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://jspmbsiotr.edu.in/storage/Menus/NAAC/12/30/1.1.2.Academic%20Calendar.pdf

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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
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• Upload latest notification of formation of IQAC	View File

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- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	20/01/2022

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   **7**

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 **1947**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2 **1260**

Number of seats earmarked for reserved category as per GOI/
State Govt. rule during the year

File Description	Documents
Data Template	[View File](#)

2.3 **596**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1 **102**

Number of full time teachers during the year

File Description	Documents
Data Template	No File Uploaded

3.2 **102**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**7**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**1947**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**1260**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**596**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**102**

File Description	Documents
Data Template	No File Uploaded

3.2 Number of sanctioned posts during the year	**102**

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**36**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**80.67762**
4.3 Total number of computers on campus for academic purposes	**649**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Curriculum Planning

POs and the performance index as per guidelines of the AICTE are considered in curriculum design and in deciding the assessment tools. Internal Quality Assurance Cell (IQAC) of the institute plays important role in framing the strategies for effective implementation of the curriculum. Academic Monitoring Committee (AMC) is responsible for assessing the quality of the delivery of the course.. More emphasis is given on

- **Teaching methods Techniques and tools used.**
- **Quality of delivery of content**
- **Continuous Internal Evaluation**
- **Remedial measures for slow learners**

Implementation of Curriculum

- Use of E-Learning resources like MOODLE, NPTEL lectures and online teaching platforms.
- Intelligent Interactive Panel (IIP) to make teaching learning enjoyable and effective.

Evaluation and Analysis

Continuous assessment of the student is carried out using various assessment tools to ascertain attainment level of the students.. Remedial lectures actions are taken for slow learners.

Academics during lockdown during pandemic

Platforms such as Zoom-Meeting, Google-Meet and Microsoft System are used for delivery of curriculum. Video links from NPTEL are provided to students for self learning. The MOODLE was used for Assessment and Evaluation by conduction of tests, assignments and mini-projects. Virtual laboratory and self made videos are used to explain the practical online.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/5/6/1.1.1%20effective%20curriculum%20implementation.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The departmental academic calendar is prepared by the Departmental academic coordinator in consultation with Head of the Departments considering the schedule of activities in academic calendar of the affiliating university The institute and department calendars includes the details such as • Academic activities • Co-curricular and extra-curricular activities • Training programs • The dates of exam • Submission schedule • Sport activities • industrial visit, • Annual Social gathering, • Festivals and holidays • Schedule of meetings. All activities at institution level are executed centrally with the help of the committees/teams constituted centrally. The activities at departmental level are executed by portfolio coordinators appointed in the department. Efforts are made to adhere to the

academic calendar with minimum deviation. However during the first half of 2020-21, because of the pandemic situation the academic activities were planned and executed as per the guidelines from Government of Maharashtra and the affiliating university. Content delivery and evaluation activities were conducted online using MOODLE and other platforms namely Zoom, Google and Microsoft Teams meeting platform. The digital contents were made available to students using MOODLE. However the academic calendar of 2020-21 deviated drastically because of the pandemic situation.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/12/30/4.%20ACADEMIC%20CALANDER%2020-21.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

7

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

0

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

0

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Institution integrates cross cutting issues relevant to Gender, Environment and sustainability, human

Values and Professional Ethics into the curriculum by offering

the courses prescribed by affiliating university, as audit courses. In addition the various activities are also conducted under the banner of National Service Scheme (NSS) and Student Development Cell (SDC). The description of courses which address these issues and the various activities are also conducted under the banner of National Service Scheme (NSS) and Student Development Cell (SDC are provided as additional information.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

7

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

596

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

B. Any 3 of the above

File Description	Documents
URL for stakeholder feedback report	https://jspmbsiotr.edu.in/storage/Menus/NAAC/5/7/1.4.1.Feedback%20Analysis%20Report%202020-21.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://jspmbsiotr.edu.in/storage/Menus/NAAC/5/8/1.4.2.%20feedback.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1947

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

1316

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institute assesses learning levels of the students through following process:-

For attainment levels from 1-4 by students following CIE tools are used It is ensured to set examination papers/activities in below mentioned assessment tools aligned with attainment levels from 1-4 by the course teachers:

- Mid -Semester and End Examinations
- Unit wise course test
- Unit wise assignments
- Problems solving sessions
- Presentations
- Competitions
- Role plays
- Quiz competitions

CIE reforms for professional outcomes and higher-order cognitive attainment (Level 4-6 as per Blooms Taxonomy): For attainment levels from 4-6 as per Blooms Taxonomy the following tools are

used to teach and assess professional outcomes and higher order cognitive abilities/attainments. • Course Projects • Project – based learning • MOOCs • Mini/Minor Projects • Final year projects • Internships • Hands on Training • Industrial visits. For attainment levels from 7 onwards the participation and performance of students in co-curricular and extra-curricular activities are considered in CIE.

Advance learners are encouragedto participate in variousTechnical events held at State, National and International Level.

For Slow Learners-

Remedial/ make-up lectures are organized with more emphasis on problem solving sessions and re-tests. Couselling through GFM is adopted to orient them towards learning activities.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/36/2.2.1-20-21-UPLOAD-LEARNING%20LEVEL%20OF%20STUDENTS.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1947	102

File Description	Documents
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

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

Following are some of the efforts been taken to make learning

more student- centric:-

Experiential learning:

Students are facilitated for learning through: internship programs, hands on training, industrial, training, sponsored projects, industrial visits, field trips , model making, robot making, circuit-designing, 3D- sculpt making, etc.

Participative learning:

Students are facilitated for learning through: Curricular, co-curricular and extracurricular activities namely: paper presentation, mini- projects, quiz competitions, poster-making competitions, role play and group discussions, brain storming sessions, etc.

Problem solving methodologies

Mini projects are assigned to the students in a group of 3-4 students. The students are advised to to follow the following steps to solove their project

Define the problem. Differentiate fact from opinion. Specify underlying causes. ...

Generate alternative solutions. Postpone evaluating alternatives initially. ...

Evaluate and select an alternative. Evaluate alternatives relative to a target standard. ...

Implement and follow up on the solution.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/39/2.3.1-_PARTICIPATIVE%20LEARNING.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

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

Following are some of the efforts been taken to make learning more student- centric:-

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File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

90

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

102

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

11

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

6

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The internal assessment tools used includes

- **Mid -Semester and End Examinations**
- **Unit wise course test**
- **Unit wise assignments**
- **Presentations**
- **Competitions**
- **Role plays**
- **Quiz competitions**

It is ensured to set examination papers/activities aligned with attainment levels from 1-4 by the course teachers:For attainment levels from 4-6 as per Blooms Taxonomy the toolsused to teach and assess professional outcomes and higher order cognitive abilities/attainments are. • Course Projects • Project – based learning • Mini/Minor Projects • Final year projects •

Internships • Hands on Training • Industrial visits

For attainment levels from 7 onwards the performance of students in co-curricular and extra-curricular activities are considered in CIE.. The labroatroy work is assessed continuously. Mock oral examinations are conducted by the course teacher.

Mini-projects are assigned to a group of 3-4 students. The learning level of students is assessed by presentations by the students on their mini-project.

Continuous Assessment during practical

Theassessment is based upon the student's depth of understanding about experiments, attendance, quality of journal maintained

and its timely submission.

Mock Practical/Oral

Mock practical/oral examination is conducted forlaboratory course for better understanding.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/9/2.5.1-20-21-MECHANISM%20OF%20INTERNAL%20ASSESSMENT.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

Institute hastransparent internal evaluation system which consists of

Internal Class tests

Re-test,

Mock Oral/practical examination

Assignments

MCQs

Assignments'/tests through MOODLE

Examination coordinator in consultation with the HOD provides the schedule of the examinations well in advanced and this information is disseminated amongst the students and staff..

Following measureare taken to provide transparent and robust internal assessment methods:-

1.Assessment through MOODLE

Practice of online exams is provided through MOODLE. These results are auto- generated and are made available to the students.

Apart from this, unit-wise assignments of each course are solved and uploaded on the MOODLE by the students whichare checked and graded by the faculties which is accessible to the students.

2. Internal Class/Unit Test

Unittest results are conveyed to studentswhich help them to understand their performance level.Test answer sheets with necessary remarks/guidelines are shown to students indicating transparency.

3. Continuous Assessment during practical

Student's academic performance is continuously assessed in each practical session in order to

assess the student learning levels.based upon the student's depth of understanding about experiments, attendance, quality of journal maintained and its timely submission.The obtainedmarks by the students are declared.

4. Mock Practical/Oral

Mock practical/oral examination is conducted for each laboratory course for preparation of final external University Oral-Practical Exams.

The results of the Mock exams are conveyed to students with the motive for improvement in their

final performance.

File Description	Documents
Any additional information	View File
Link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/10/2.5.2-20-21-MECHANISM%20TO%20DEAL%20WITH%20INTERNAL%20EXAM.pdf

2.6 - Student Performance and Learning Outcomes

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

Program outcomes and course outcomes for all courses offered by the institution are formulated

during the framing of the syllabus by the affiliating university. The syllabus is framed by the teachers of

Affiliated colleges with participation of the subject/industry experts. Most of the courses from first year to final year,consist of six course outcomes. NBA/NAAC has framed 12 programme outcomes. The program specific outcomes are the skill sets gained by students when they graduate from a particular program/branch.

Mechanism of communication of Program outcomes and course outcomes:

The Program outcomes and course outcomes are communicate to teachers and students in following ways.

- Course outcome of every course is mentioned at the beginning of the syllabus of the every course from first year to final year.
- The study materials prepared by teachers begin with mention of the COs of the particular unit.
- The Program outcomes and course outcomes are displayed on institute website.
- The PPT of every unit begins with Program outcomes and course outcomes
- The Term work of practical includes Program outcomes and course outcomes
- The program outcomes are displayed on wall at every department.

25-11-2022 09:50:24

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/11/2.6.1.COURSE%20OUTCOMES.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The process of measuring attainment of COs, POs and PSOs starts from writing appropriate COs for each course in the four-year engineering degree program. The course outcomes are written during framing of the syllabus action verbs of learning levels as suggested by Bloom Taxonomy.

The level of attainment of COs are worked out considering the performance of student in internal and external examinations conducted by institute and affiliating University respectively by subject teacher Then, a correlation is established between COs and POs and COs and PSOs on the scale of 0 to 3, 0 being no correlation, 1 being the low correlation, 2 being medium correlation and 3 being high correlation. A 6x12 mapping matrix of COs-POs and 6x4 mapping matrix of COs-PSOs is prepared in this regard for all courses in the program. The attainment is worked out considering the attainment levels as given below.

1. Attainment level 1: 60% of students scored more than 55% marks

2. Attainment level 2: 70 % of students scored more than 55% marks

3. Attainment level 3: 80% of students scored more than 55% marks

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	<u>https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/12/2.6.2-20-21-EVALAUTION%20OF%20CO-PO.pdf</u>

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

596

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
Upload any additional information	<u>View File</u>
Paste link for the annual report	<u>https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/40/2.6.3_Resut%20annual%20report.pdf</u>

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)

<u>https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/13/2.7.1.SSS%20AY%202020-21.pdf</u>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

204500

File Description	Documents
Any additional information	<u>View File</u>
e-copies of the grant award letters for sponsored research projects /endowments	<u>View File</u>
List of endowments / projects with details of grants(Data Template)	<u>View File</u>

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

3

File Description	Documents
Any additional information	<u>View File</u>
Institutional data in prescribed format	<u>View File</u>

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

1

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>
Supporting document from Funding Agency	<u>View File</u>
Paste link to funding agency website	<u>https://jspmbsiotr.edu.in/storage/Menus/NAAC/7/41/3.1.3%20.%20Funding%20agencies.pdf</u>

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and

transfer of knowledge

Institute Innovation Cell (IIC) is functional in the institute which acts as catalyst for creation and transfer of knowledge for the students.

Objective

1. To create physical infrastructure and support systems necessary for business incubation activities.

2. Facilitate networking with professional resources, which include mentors, experts, consultants and

Advisors for the incubate companies/individuals.

3. Promote and facilitate knowledge creation, innovation and entrepreneurship activities

Facilities in IIC

Computational facilities with necessary hardware and software

Laboratories.

MOUs with industries and professional to support the innovation activities.

Institute R & D Cell responsible for promotion of R & D activities, filling of patent, Publications etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/7/42/3.2.1-ECOSYSTEM-INNOVATION.pdf

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

00

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	https://jspmbsiotr.edu.in/storage/Menus/NAAC/7/43/3.3.1.2.Ph%20D%20guide%20letter.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

66

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers

published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

1

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institute has the following bodies/cells to promote various activities to sensitize students to social

Issues and holistic development:

1) National Service Scheme.

2) Student Welfare Cell

3) Women Empowerment Cell

4) Cultural Activities Cell.

Event/Activities: The events and activities undertaken under the banner above mentioned cells/bodies include the following

Tree Plantation

Cleanliness drives at selected location

NSS camp for cleanliness drive, health related awareness program for villagers etc.

Blood donation camp

Seminars on Disaster management and demonstrations

Celebration of women's day

Seminars on women empowerment

Yoga and meditation

Celebration of Independence Day, Republic day

And many more.

Impact

Awareness on Protection of Environment, Citizen Responsibility for the Nation, Development of thought process in the minds against Terrorism and Violence, importance of cleanliness. Protection of Environment, Social Responsibility towards the down trodden and especially abled, Awareness on community problems and their responsibility. Awareness on roll of Youths on impact of plastic waste and its impact on environment and cleanliness and its importance, Awareness on roll of a voter for development of the nation, Social Responsibility towards the society during Disaster and natural calamities, Awareness on gender equity, Inculcation of patriotism, Self confidence in girl students, Awareness on fitness/stress/health.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/7/15/3.4.1.%20NSS%20EXTENSION%20ACTIVITY%20REPORT%2020-21.pdf
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	[View File](#)
e-copy of the award letters	**No File Uploaded**

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

12

File Description	Documents
Reports of the event organized	[View File](#)
Any additional information	[View File](#)
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	[View File](#)

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

609

File Description	Documents
Report of the event	[View File](#)
Any additional information	[View File](#)
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	[View File](#)

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

52

File Description	Documents
e-copies of related Document	<u>View File</u>
Any additional information	<u>View File</u>
Details of Collaborative activities with institutions/industries for research, Faculty	<u>View File</u>

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

25

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<u>View File</u>
Any additional information	<u>View File</u>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<u>View File</u>

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 equipment etc.

The infrastructure and physical facilities for teaching -learning which is categorized as listed below is as per the minimum specified requirement by statutory bodies (AICTE) . such

as:

- **Administrative Area**
- **Instructional Area**
- **Amenities Area**
- **Library facility**
- **Computer Facilities**
- **Internet Facility**
- **Campus WiFi**

All classrooms are provided with ICT facilities. One class room of every department is provided with interactive intelligent board with internet/Wi-Fi connectivity. The institute has a common seminar hall with audio visual facilities for conducting Conferences, seminars and workshops. In addition each department has their own seminar hall to conduct departmental activities. All labs are equipped with adequate instruments /equipments to meet the curriculum requirement. Every department has their own tutorial rooms to conduct tutorials. To encourage students to utilize software available in the department; the laboratories are equipped with high end desktops. Project Labs are available to enhance practical knowledge about new trends in engineering and technology. Central and departmental libraries support the teaching learning process through books, journals, e-journals, magazines etc.Library facility is well stacked with recommended text and reference books, e-books, e-journals, printed journals, CDs, rare books, digital library with air-conditioned reading room etc. Library has the membership of DELNET database.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/8/17/4.1.1-20-21-%20ADEQUATE%20INFRASTRUCTURE.pdf

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

The institute has the following bodies/cells to promote various activities to sensitize students to social

Issues and holistic development:

1) National Service Scheme.

2) Student Welfare Cell

3) Women Empowerment Cell

4) Cultural Activities Cell.

Event/Activities: The events and activities undertaken under the banner above mentioned cells/bodies include the following

Tree Plantation

Cleanliness drives at selected location

NSS camp for cleanliness drive, health related awareness program for villagers etc.

Blood donation camp

Seminars on Disaster management and demonstrations

Celebration of women's day

Seminars on women empowerment

Yoga and meditation

Celebration of Independence Day, Republic day

And many more.

Impact

Awareness on Protection of Environment, Citizen Responsibility for the Nation, Development of thought process in the minds against Terrorism and Violence, importance of cleanliness. Protection of Environment, Social Responsibility towards the down trodden and especially abled, Awareness on community problems and their responsibility. Awareness on roll of Youths on impact of plastic waste and its impact on environment and cleanliness and its importance, Awareness on roll of a voter for development of the nation, Social Responsibility towards the society during Disaster and natural calamities, Awareness on gender equity, Inculcation of patriotism, Self confidence in

girl students, Awareness on fitness/stress/health.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/8/18/4.1.2_SPORTS%20FACILITIES.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

36

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/8/19/4.1.3%20ICT%20CLASS%20ROOMS.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

110.990576

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

The Central Library of the institute is partially automated with Autolib Software , version 10, from 2010.This system enables efficient library administration to cater students and staff services. This software has various following modules as under;

Circulation: Circulation module provision is used to issue/return/renew books,non-print material circulation (CD, DVD, etc.) and Print Journals/Magazines).

Library rules setting; generate the barcodes, listing of books (by authors, publishers, and suppliers)

Printing of member barcode, etc. with transactions through the email and message alert facility.

OPAC: Online Public Access Catalog for searching the library resources. User can search the library resources as follows:

1. General Search: Title Author Publication Keywords Classification

2. Advance Search: The searching can be done with various combinations Title Author Publication

Keywords Classification.

3. Accession Search: Search can also be done through the accession numbers without remembering the title or author of the book. This facilitates fast & accurate searching.

Reports: This is an important component of the Integrated Library Management System (ILMS) which helps to generate various report namely. Books Issue/Return date wise, user wise,

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/8/44/4.2.1.lib_automation%20screen%20shot.pdf

4.2.2 - The institution has subscription for   B. Any 3 of the above

the following e-resources e-journals e-
ShodhSindhu Shodhganga Membership e-
books Databases Remote access toe-
resources

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

9.75865

File Description	Documents
Any additional information	View File
Audited statements of accounts	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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

34

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institution has IT facilities including WI-FI and sufficient number of computers with required peripherals. The facility available facilitates ICT enabled teaching-learning process and evaluation, research activities, and administration. The departments are having system software and application software's, both licensed and open source software's. The following table describes the computing facility available:

Internet and WI-FI facility:

Internet Facility Details:100 Mbps leased line

Content Ratio: 1:1(Gold)

(ISP provider -TATA Telecom),

Date of Updating: 01/09/2017

Aircell Backup line:10Mpbs

Date: June 2017

Campus Wi-Fi available

Nature of Updating:48 Mpbs to 200Mpbs

System Software

Windows XP, Vista,7, 8, 8.1,10, Server

Ubuntu 14.04 (Open Source)

Fedora 19/20 (Open Source)

Windows Server 2008 R2 Standard

Windows Server 2008 R2 Enterprise 64-bit

Application Software's(Licensed/Open Source)

Mechanical Engineering

CREO, ANSYS-6.0, MASTER CAM, CAD FEKO, Auto CAD, MATLAB 6.0

MATLAB Tool Boxes 5

Computer Engineering& Information Technology

Exchange Server Standard Turbo C++ 4.5

Oracle 9i

Microsoft Visual Studio 2008, 2012, Express

Microsoft Office 2003/2007/2010/2013

Micro wind 3.1-comp

Adobe Flash MS Office 2013

Electronics and Telecommunication Engg

NI Multisim Circuit, Ladders Programming Triton, Xilinx , DSP Application Software, Embedded System Development software, Chips scope pro software, Proteus 11

Electrical Engineering

Accounts

Tally ERP 9

Library

Auto-lib, Version 10

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

649

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

64.96

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The maintenance of physical, academic and support facilities are carried out by the respective departments on daily basis and periodically. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition.

The corporate office cell is responsible to undertake any maintenance work as reported by laboratory in charge. Faculty

members' in charge of laboratories are responsible to keep the laboratory equipment in working conduction. Librarian and the supporting staff are responsible for operation of library. The proposal of requirement of resources for library is submitted for procurement as and when need arises. Yearly stock audit is carried out. The computing systems are maintained by the system administrators and the laboratory technicians. Class rooms are maintained by the department. The campus has common sports complex with indoor and outdoor facilities which is maintained centrally by campus office. The sports activities are taken care of by physical director. Common amenities are maintained by the house keeping staff. To maintain internet connectivity and CCTV security system, network and system administration team is appointed.LCD projectors, EPBX system, air conditioners are maintained with the help of external agencies. Security staff including security supervisor is employed to safe guard the whole premises.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/8/51/4.4.2-%20SYSTEMS%20AND%20PROCEDURE%20FOR%20FACILITIES.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1608

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	https://jspmbsiotr.edu.in/storage/Menus/NAAC/9/21/5.1.3.%20INDUCTION%20PROGRAM%202020-21.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

68

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

68

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 has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

235

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

8

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State

government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

4

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

0

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in

house staff on daily basis and periodically. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition.

The corporate office of the group of institutes has a maintenance cell. This cell is responsible to undertake any maintenance work as reported by laboratory in charge. Faculty members' in charge of laboratories are responsible to keep the laboratory equipment in working conduction and report any maintenance to central team. Librarian and the supporting staff are responsible for operation of library. The proposal of requirement of resources for library is submitted for procurement as and when need arises. Yearly stock audit is carried out. The computing systems are maintained by the system administrators and the laboratory technicians. Class rooms which are assigned to the departments are maintained by the department The campus has common sports complex with indoor and outdoor facilities which is maintained centrally by campus office. The sports activities are taken care of by physical director. All other common amenities are maintained by the house keeping staff under the supervision of the campus supervisors. To maintain internet connectivity and CCTV security system, network and system administration team is appointed.LCD projectors, EPBX system, air conditioners are maintained with the help of external agencies. Security staff including security supervisor is employed to safe guard the whole premises.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/9/22/5.3.2-STUDENT%20REPRESENTATION%20AND%20ENGAGEMENT-20-21.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

283

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in house staff on daily basis and periodically. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition.

The corporate office of the group of institutes has a maintenance cell. This cell is responsible to undertake any maintenance work as reported by laboratory in charge. Faculty members' in charge of laboratories are responsible to keep the laboratory equipment in working conduction and report any maintenance to central team. Librarian and the supporting staff are responsible for operation of library. The proposal of requirement of resources for library is submitted for procurement as and when need arises. Yearly stock audit is carried out. The computing systems are maintained by the system administrators and the laboratory technicians. Class rooms which are assigned to the departments are maintained by the department The campus has common sports complex with indoor and outdoor facilities which is maintained centrally by campus office. The sports activities are taken care of by physical director. All other common amenities are maintained by the house keeping staff under the supervision of the campus supervisors. To maintain internet connectivity and CCTV security system, network and system administration team is appointed.LCD projectors, EPBX system, air conditioners are maintained with the help of external agencies. Security staff including security supervisor is employed to safe guard the whole premises.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/9/23/5.4.1.ALUMNI%20ASSOCIATION%20CONTRIBUTION.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)   D. 1 Lakhs - 3Lakhs

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 and in tune with the vision and mission of the institution

The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in house staff on daily basis and periodically. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition.

The corporate office of the group of institutes has a maintenance cell. This cell is responsible to undertake any maintenance work as reported by laboratory in charge. Faculty members' in charge of laboratories are responsible to keep the laboratory equipment in working conduction and report any maintenance to central team. Librarian and the supporting staff are responsible for operation of library. The proposal of requirement of resources for library is submitted for procurement as and when need arises. Yearly stock audit is carried out. The computing systems are maintained by the system administrators and the laboratory technicians. Class rooms which are assigned to the departments are maintained by the department The campus has common sports complex with indoor and outdoor facilities which is maintained centrally by campus office. The sports activities are taken care of by physical director. All other common amenities are maintained by the house keeping staff under the supervision of the campus supervisors. To maintain

internet connectivity and CCTV security system, network and system administration team is appointed.LCD projectors, EPBX system, air conditioners are maintained with the help of external agencies. Security staff including security supervisor is employed to safe guard the whole premises.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File](#)

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in house staff on daily basis and periodically. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition.

The corporate office of the group of institutes has a maintenance cell. This cell is responsible to undertake any maintenance work as reported by laboratory in charge. Faculty members' in charge of laboratories are responsible to keep the laboratory equipment in working conduction and report any maintenance to central team. Librarian and the supporting staff are responsible for operation of library. The proposal of requirement of resources for library is submitted for procurement as and when need arises. Yearly stock audit is carried out. The computing systems are maintained by the system administrators and the laboratory technicians. Class rooms which are assigned to the departments are maintained by the department The campus has common sports complex with indoor and outdoor facilities which is maintained centrally by campus office. The sports activities are taken care of by physical director. All other common amenities are maintained by the house keeping staff under the supervision of the campus supervisors. To maintain internet connectivity and CCTV security system, network and system administration team is appointed.LCD projectors, EPBX system, air conditioners are maintained with the help of external agencies. Security staff including security supervisor is employed to safe guard the whole premises.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/10/24/6.1.2,%20EFFECTIVE%20LEADERSHIP.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in house staff on daily basis and periodically. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition.

The corporate office of the group of institutes has a maintenance cell. This cell is responsible to undertake any maintenance work as reported by laboratory in charge. Faculty members' in charge of laboratories are responsible to keep the laboratory equipment in working conduction and report any maintenance to central team. Librarian and the supporting staff are responsible for operation of library. The proposal of requirement of resources for library is submitted for procurement as and when need arises. Yearly stock audit is carried out. The computing systems are maintained by the system administrators and the laboratory technicians. Class rooms which are assigned to the departments are maintained by the department The campus has common sports complex with indoor and outdoor facilities which is maintained centrally by campus office. The sports activities are taken care of by physical director. All other common amenities are maintained by the house keeping staff under the supervision of the campus supervisors. To maintain internet connectivity and CCTV security system, network and system administration team is appointed.LCD projectors, EPBX system, air conditioners are maintained with the help of external agencies. Security staff including security supervisor is employed to safe guard the whole premises.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/10/25/6.2.1--INSTITUTIONAL%20STARTEGIC%20PLAN-20-21.pdf
Upload any additional information	View File

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

The important bodies which play important role are Governing Body, College Development Committee, IQAC, Academic Monitoring Cell, Training and Placement Cell, Research and Development Cell and other bodies/cells with teachers and students representation. The recruitment policies are well defined which are implemented by IQAC. Recruitment policy is as per the rules and regulations of SPPU.Local selection committee is constituted with subject experts by college. The candidates recommended by committee forwarded to university for Adhoc approval. This is for urgent need of college. Recruitment carried out as per roaster i.e. Approval by reservation cell of SPPU. Once roaster is approved advertisement in leading news paper is given and interview conducted by committee constituted by university. Service rules are transparent and benefits like Provident Fund, Group Insurance Scheme etc. are provided to employees. Institute has Women's grievance cell, student's grievance cell, Staff grievance cell and it resolves the grievances of students/staff /women if any. The self appraisal System for teaching and non-teaching staff which includes all aspects of API (Academic Performance Index) to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal .It is based on the Performance of faculties.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/10/26/6.2.2.%20FUNCTIONING%20OF%20THE%20INSTITUTION.pdf
Link to Organogram of the institution webpage	https://jspmbsiotr.edu.in/storage/Menus/NAAC/10/26/6.2.2.%20FUNCTIONING%20OF%20THE%20INSTITUTION.pdf
Upload any additional information	View File

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 inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The important bodies which play important role are Governing Body, College Development Committee, IQAC, Academic Monitoring Cell, Training and Placement Cell, Research and Development Cell and other bodies/cells with teachers and students representation. The recruitment policies are well defined which are implemented by IQAC. Recruitment policy is as per the rules and regulations of SPPU.Local selection committee is constituted with subject experts by college. The candidates recommended by committee forwarded to university for Adhoc approval. This is for urgent need of college. Recruitment carried out as per roaster i.e. Approval by reservation cell of SPPU. Once roaster is approved advertisement in leading news paper is given and

interview conducted by committee constituted by university. Service rules are transparent and benefits like Provident Fund, Group Insurance Scheme etc. are provided to employees. Institute has Women's grievance cell, student's grievance cell, Staff grievance cell and it resolves the grievances of students/staff /women if any. The self appraisal System for teaching and non-teaching staff which includes all aspects of API (Academic Performance Index) to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal .It is based on the Performance of faculties.

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

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

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

3

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 programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

0

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	[View File](#)

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

13

File Description	Documents
IQAC report summary	[View File](#)
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	[View File](#)
Upload any additional information	[View File](#)
Details of teachers attending professional development programmes during the year (Data Template)	[View File](#)

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The important bodies which play important role are Governing Body, College Development Committee, IQAC, Academic Monitoring Cell, Training and Placement Cell, Research and Development Cell

and other bodies/cells with teachers and students representation. The recruitment policies are well defined which are implemented by IQAC. Recruitment policy is as per the rules and regulations of SPPU.Local selection committee is constituted with subject experts by college. The candidates recommended by committee forwarded to university for Adhoc approval. This is for urgent need of college. Recruitment carried out as per roaster i.e. Approval by reservation cell of SPPU. Once roaster is approved advertisement in leading news paper is given and interview conducted by committee constituted by university. Service rules are transparent and benefits like Provident Fund, Group Insurance Scheme etc. are provided to employees. Institute has Women's grievance cell, student's grievance cell, Staff grievance cell and it resolves the grievances of students/staff /women if any. The self appraisal System for teaching and non-teaching staff which includes all aspects of API (Academic Performance Index) to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal .It is based on the Performance of faculties.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/10/53/6.3.5-20-21-PERFORMANCE%20APPRAISAL%20SYSTEM.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources. The major financial decisions are taken by the Institute's Local Managing Committee (LMC) and Governing Body (GB).The institute has a mechanism for internal and external audit. Internal audit is an ongoing continuous process. In addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions. An external audit is also carried out on an elaborate way on quarterly

basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid Recurrence of such errors.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	[View File](#)

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources. The major financial decisions are taken by the Institute's Local Managing Committee (LMC) and Governing Body (GB).The institute has a mechanism for internal and external audit. Internal audit is an ongoing continuous process. In addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions. An external audit is also carried out on an elaborate way on quarterly

basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid Recurrence of such errors.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources. The major financial decisions are taken by the Institute's Local Managing Committee (LMC) and Governing Body (GB).The institute has a mechanism for internal and external audit. Internal audit is an ongoing continuous process. In addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions. An external audit is also carried out on an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid Recurrence of such errors.

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

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

recorded the incremental improvement in various activities

Institutional reviews and implementation of teaching learning reforms facilitated by the IQAC

Example No 1: Utilization of MOODLE in teaching-learning process.

MOODLE was expensively use in teaching-learning process. The course material, NPTEL video links, MOOC video links, YouTube video links and videos of experiments prepared by faculty members were uploaded on MOODLE. The details of text books and reference books are also uploaded on the MOODLE. During the semester -II of academic year 20-21 all assessments are carried out using the MOODLE. Assignments, Test, MCQ tests, Quiz, Oral, Practical examinations were conducted at institute level as per the guidelines of the affiliating university.

Example No 2: Review of teaching-learning process

Following review activities are carried out for effective implementation of academics, training, internships and placements.

Weekly T-L reports

These reports in prescribed formats are collected from all departments. The observations of made by module coordinators regarding course material prepared by teachers, delivery of lectures and practical, teaching methods and techniques used by teachers etc are included in this report. This report is checked and verified by faculty. Sample checking and verification is done by principal. These reports namely module coordinator, HOD and Principal reports are sent to AQARC for review.

Five point reports

These reports include academics, Training, Internship, project quality and placement. Weekly meetings are conducted with departments to review these activities and suggestions are given wherever required

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	<u>View File</u>

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	<u>https://jspmbsiotr.edu.in/storage/Menus/NAAC/14/48/ANNUAL%20REPORT-%20BSIOTR%202020-21.pdf</u>
Upload e-copies of the accreditations and certifications	<u>View File</u>
Upload any additional information	<u>View File</u>
Upload details of Quality assurance initiatives of the institution (Data Template)	<u>View File</u>

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

The institute practices to bring a positive change in the attitude and support equity among genders within the institute and in our outreach. Annual gender sensitization plan is as follows: Objective: To promote inclusiveness, tolerance, harmony and women's empowerment among the students and staff.

● Conduct activities like Blood donation camp, Aids awareness,

female foeticide, dealing with COVID-19 pandemic, etc in order to give back to the society

• Promoting activities related to health, nutrition, self-defense and entrepreneurship among the female students.

• Conduct workshops related to cybercrime, safety and security in hotels and career enhancement for female students.

• Provide professional counseling to the students.

• Guidance regarding the financial investment for students and staff.

• Conduct workshops that promote diversity and gender-sensitive communication for students and staff alike.

• Mentorship in college to be provided where faculty and students can approach in matters of gender-related issues.

• Monitoring and evaluation mechanisms for implementation and their follow-ups.

• Conducting regular awareness-raising activities among students and staff

• Balanced gender quota while recruitment.

• Student's code of conduct that promotes gender parity at the governance level

File Description	Documents
Annual gender sensitization action plan	https://jspmbsiotr.edu.in/storage/Menus/NAAC/11/28/7.1.1.%20ANNUAL%20GENDER%20ACTION%20PLAN.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/11/27/7.1.1%20WOMEN%20SAFETY%20MEASURES.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy   B. Any 3 of the above

**conservation measures   Solar energy
Biogas plant Wheeling to the Grid   Sensor-
based energy conservation Use of LED
bulbs/ power efficient equipment**

File Description	Documents
Geo tagged Photographs	<u>View File</u>
Any other relevant information	<u>View File</u>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management

The waste management in the campus is as briefed below.

Solid waste management

The machine scrap (C I Boring) generated during machining in workshop is collected properly in the workshop at dedicated in workshop and it is disposed off through vendors. Dead leaves, tree remains and waste from the canteens is used for composting. The manure so produced is used for the trees and plants in the campus.

Liquid waste management

The campus generates liquid waste from various sources in campus like the buildings of the institute,

Hostels and canteens. This waste is treated in dedicated sewage treatment plant with a capacity of 14000

lit/day installed in the campus. Later this water is utilized for non-drinking applications like gardening and watering the pathways and washing floors etc., in the campus.

E-Waste Management

The outdated and non-upgradable/non-working components of

electronic equipments are identified

after proper scrutiny by system administrator. Students are encouraged to reuse the components from scrap in their projects. And rest e-waste is disposed.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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
Geo tagged 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
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives 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	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment   5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

To provide an inclusive environment, inculcate and carry forward the rich culture of India, the institution organizes national festivals like Deewali, Dassehra, Gudipaadva, Ganesh Festival etc. A pluralist approach is adopted by the institution towards functions and celebrates. Republic Day, Independence Day, Guru Purnima, Gandhi Jayanti, Shivaji Jayanti, Maharashtra Foundation Day, Teacher's Day, Engineers Day, Founders Days, Children's day etc.are celebrated.

The Republic day celebration is one of event organized by the Jayawant Shikshan Prasarak Mandal in a big way. This event is presided over by Dr. T.J. Sawant, Founder Secretary of Jayawant Shikshan Prasarak Mandal. At the event patriotic programs are conducted to depict the national integration. Prizes are distributed to the students and staff who have shown outstanding performance in sports and academics. Teaching and non-teaching staff of all institutes participate in this event.

Wall mounted boards of core values of the institute exist in different locations to motivate faculty and students to develop and inculcate good values and habits in them.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<u>View File</u>
Any other relevant information	<u>View File</u>

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

Institute organized many activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. Every year, on Republic day and Independence Day, the invited speakers/dignitaries appeal to all to remember the struggle of freedom.Our constitution provides for human dignity, equality, social justice, human rights and freedom, rule of law, equity and respect and superiority of constitution in the national life. Every year Republic day is celebrated by organizing activities highlighting the importance of Indian Constitution. Independence Day is also celebrated every year to highlight the struggle of freedom and importance of Indian constitution. The annual cultural fest is also promoting the awareness towards rights and duties of citizens where Skits, Dances, Poetry, singing etc are based on such themes. Various other activities under the banner of NSS are organized. These include rally to spread importance of cleanliness and Hygiene, voter's responsibility. Cleanliness drives, awareness on AIDS etc are part of these activities. Seminars/motivational speeches by invited speakers are also organized. During COVID-19 students took part in distribution of mask to the needy.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<u>https://jspmbsiotr.edu.in/storage/Menus/NAAC/11/46/7.1.9-20-21-SENSITISATION.pdf</u>
Any other relevant information	<u>https://jspmbsiotr.edu.in/storage/Menus/NAAC/11/46/7.1.9-20-21-SENSITISATION.pdf</u>

7.1.10 - The Institution has a prescribed code of conduct for students, teachers,   **B. Any 3 of the above**

administrators and other staff and conducts periodic 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 4. Annual awareness programmes on Code of Conduct are organized

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 programs etc., in support of the claims	View File
Any other relevant information	View File

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

Annual Report on Celebrations of Commemorative Events 2020-2021

Celebrating events and festivals is an integral part of learning and building a strong cultural belief in a student. The institute celebrates the national and international days, events and festivals throughout the year with involvement of staff and students. In academic year 2020-21, days like International Yoga Day, World Environment Day, Independence Day, Republic Day, National Mathematics Day, National Unity Day (Birth Anniversary of Sardar Vallabh bhai Patel), Birth Anniversaries of Dr. Sarvapalli Radhakhishnan, Mahatma Gandhi, and Birth anniversary of Swami Vivekananda etc were celebrated. The days celebrated are as listed in the table below.

LIST OF THE ACTIVITIES 2020-21

Sr No

Name of Event

Date/Duration

1

Guru Pornima

6.07.2020

2

International Yoga Day

28,06.2020

3

Independence Day

15.08.2020

4

Ganesh Chaturthi

21.08.2020

5

Teachers Day

05.09.2020

6

Engineers Day

15. 09.2020

7

Republic Day

26.01.2021

8

National Science Day

01.03.2021

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Patrice No:1

1. Title of the Practice: Decentralization of powers and responsibilities

2. Objectives of the Practice: The institute practices decentralization and participative management.

3. The Context

To plan and execute academic, administrative and co-curricular and extra-curricular activities in line with the guidelines of statutory bodies.

4. The Practice

power and responsibilities are assigned to the members of various committees for planning and implementation of activities.

5. Evidence of Success:

Better performance of students through effective support system.

6. Problems Encountered and Resources Required

As such there are no problems encountered.

Best Practice No:2

1. Title of the Practice: Use Of ICT Tools For Teaching-Learning

2. Objectives of the Practice

To educate the students online

3. The Context

To implement the teaching learning process digital tools and platforms to support the students in pandemic situation..

4. The Practice

Virtual lab and NPTEL video and YouTube videos and self made videos were used for demonstration of the practical. MOODLE was extensively used in CIE through tools like tests, assignments, quiz etc.

5. Evidence of Success

Reaching up to the students effectively.

6. Problems Encountered and Resources Required

Problems encountered were absence of the face to face contact of students.

File Description	Documents
Best practices in the Institutional website	https://jspmbsiotr.edu.in/storage/Menus/NAAC/11/34/7.2.1-20-21-INSTITUTIONAL%20BEST%20PRATICES.pdf
Any other relevant information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/11/34/7.2.1-20-21-INSTITUTIONAL%20BEST%20PRATICES.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Skill Set Development and Placement

Various programs such as guidance for competitive exams and higher studies, career counseling, personal counseling, soft skill development, etc. are conducted. Field projects and internships are facilitated for the students through MOU's signed with industries for experiential learning and hands-on training. A good number of students have qualified in competitive exams for higher studies and recruitment by various Government departments. A satisfactory number of students are placed in core and IT industries through campus drives. Students are encouraged to participate in co-curricular and extra-curricular activities organized by the institute and at other institutes by providing financial assistance and transport facilities. Good number of students has participated in various activities and has won prizes. The college has registered Alumni Association. Alumni assist the institution financially or non-financially by way of internships, Guest Lectures, Workshops, Industrial Visits, Campus Drives, etc.The student coordinators and training & placement coordinators of each department have played a great role in developing and nurturing relationships with corporations for recruitment, internships, industry sponsored projects, expert lectures etc. Zensor-ESD and Barclays GTT programs have proved to be very useful in soft skill and aptitude training for the students. Institution has tie-up with institutional trainers for company specific training of students. During academic year 2020-21 overall placement of students in IT, Core and other Service companies is satisfactory.

Part B
CURRICULAR ASPECTS
1.1 - Curricular Planning and Implementation
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Curriculum Planning

POs and the performance index as per guidelines of the AICTE are considered in curriculum design and in deciding the assessment tools. Internal Quality Assurance Cell (IQAC) of the institute plays important role in framing the strategies for effective implementation of the curriculum. Academic Monitoring Committee (AMC) is responsible for assessing the quality of the delivery of the course.. More emphasis is given on

- Teaching methods Techniques and tools used.
- Quality of delivery of content
- Continuous Internal Evaluation
- Remedial measures for slow learners

Implementation of Curriculum

- Use of E-Learning resources like MOODLE, NPTEL lectures and online teaching platforms.
- Intelligent Interactive Panel (IIP) to make teaching learning enjoyable and effective.

Evaluation and Analysis

Continuous assessment of the student is carried out using various assessment tools to ascertain attainment level of the students.. Remedial lectures actions are taken for slow learners.

Academics during lockdown during pandemic

Platforms such as Zoom-Meeting, Google-Meet and Microsoft System are used for delivery of curriculum. Video links from NPTEL are provided to students for self learning. The MOODLE was used for Assessment and Evaluation by conduction of tests, assignments and mini-projects. Virtual laboratory and

self made videos are used to explain the practical online.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/5/6/1.1.1%20effective%20curriculum%20implementation.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The departmental academic calendar is prepared by the Departmental academic coordinator in consultation with Head of the Departments considering the schedule of activities in academic calendar of the affiliating university The institute and department calendars includes the details such as • Academic activities • Co-curricular and extra-curricular activities • Training programs • The dates of exam • Submission schedule • Sport activities • industrial visit, • Annual Social gathering, • Festivals and holidays • Schedule of meetings. All activities at institution level are executed centrally with the help of the committees/teams constituted centrally. The activities at departmental level are executed by portfolio coordinators appointed in the department. Efforts are made to adhere to the academic calendar with minimum deviation. However during the first half of 2020-21, because of the pandemic situation the academic activities were planned and executed as per the guidelines from Government of Maharashtra and the affiliating university. Content delivery and evaluation activities were conducted online using MOODLE and other platforms namely Zoom, Google and Microsoft Teams meeting platform. The digital contents were made available to students using MOODLE. However the academic calendar of 2020-21 deviated drastically because of the pandemic situation.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/12/30/4.%20ACADEMIC%20CALANDER%2020-21.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	**B. Any 3 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

7

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

0

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	**No File Uploaded**

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Institution integrates cross cutting issues relevant to Gender, Environment and sustainability, human

Values and Professional Ethics into the curriculum by offering the courses prescribed by affiliating university, as

audit courses. In addition the various activities are also conducted under the banner of National Service Scheme (NSS) and Student Development Cell (SDC). The description of courses which address these issues and the various activities are also conducted under the banner of National Service Scheme (NSS) and Student Development Cell (SDC are provided as additional information.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

7

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

596

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	B. Any 3 of the above

File Description	Documents
URL for stakeholder feedback report	https://jspmbsiotr.edu.in/storage/Menus/NAAC/5/7/1.4.1.Feedback%20Analysis%20Report%202020-21.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://jspmbsiotr.edu.in/storage/Menus/NAAC/5/8/1.4.2.%20feedback.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1947

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

1316

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institute assesses learning levels of the students through following process:-

For attainment levels from 1-4 by students following CIE tools are used It is ensured to set examination papers/activities in below mentioned assessment tools aligned with attainment levels from 1-4 by the course teachers:

- **Mid -Semester and End Examinations**
- **Unit wise course test**
- **Unit wise assignments**
- **Problems solving sessions**
- **Presentations**
- **Competitions**
- **Role plays**

- Quiz competitions

CIE reforms for professional outcomes and higher-order cognitive attainment (Level 4-6 as per Blooms Taxonomy): For attainment levels from 4-6 as per Blooms Taxonomy the following tools are used to teach and assess professional outcomes and higher order cognitive abilities/attainments. • Course Projects • Project – based learning • MOOCs • Mini/Minor Projects • Final year projects • Internships • Hands on Training • Industrial visits. For attainment levels from 7 onwards the participation and performance of students in co-curricular and extra-curricular activities are considered in CIE.

Advance learners are encouragedto participate in variousTechnical events held at State, National and International Level.

For Slow Learners-

Remedial/ make-up lectures are organized with more emphasis on problem solving sessions and re-tests. Couselling through GFM is adopted to orient them towards learning activities.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/36/2.2.1-20-21-UPLOAD-LEARNING%20LEVEL%20OF%20STUDENTS.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1947	102

File Description	Documents
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

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

Following are some of the efforts been taken to make learning more student- centric:-

Experiential learning:

Students are facilitated for learning through: internship programs, hands on training, industrial, training, sponsored projects, industrial visits, field trips , model making, robot making, circuit-designing, 3D- sculpt making, etc.

Participative learning:

Students are facilitated for learning through: Curricular, co- curricular and extracurricular activities namely: paper presentation, mini- projects, quiz competitions, poster- making competitions, role play and group discussions, brain storming sessions, etc.

Problem solving methodologies

Mini projects are assigned to the students in a group of 3-4 students. The students are advised to to follow the following steps to solove their project

Define the problem. Differentiate fact from opinion. Specify underlying causes. ...

Generate alternative solutions. Postpone evaluating alternatives initially. ...

Evaluate and select an alternative. Evaluate alternatives relative to a target standard. ...

Implement and follow up on the solution.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/39/2.3.1-_PARTICIPATIVE%20LEARNING.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

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

Following are some of the efforts been taken to make learning more student- centric:-

Experiential learning:

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Evaluate and select an alternative. Evaluate alternatives relative to a target standard. ...

Implement and follow up on the solution.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

90

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

102

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

11

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

6

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

25-11-2022 09:50:25

The internal assessment tools used includes

- Mid -Semester and End Examinations
- Unit wise course test
- Unit wise assignments
- Presentations
- Competitions
- Role plays
- Quiz competitions

It is ensured to set examination papers/activities aligned with attainment levels from 1-4 by the course teachers:For attainment levels from 4-6 as per Blooms Taxonomy the toolsused to teach and assess professional outcomes and higher order cognitive abilities/attainments are. • Course Projects • Project – based learning • Mini/Minor Projects • Final year projects • Internships • Hands on Training • Industrial visits

For attainment levels from 7 onwards the performance of students in co-curricular and extra-curricular activities are considered in CIE.. The labroatroy work is assessed continuously. Mock oral examinations are conducted by the course teacher.

Mini-projects are assigned to a group of 3-4 students. The learning level of students is assessed by presentations by the students on their mini-project.

Continuous Assessment during practical

Theassessment is based upon the student's depth of understanding about experiments, attendance, quality of journal maintained

and its timely submission.

Mock Practical/Oral

Mock practical/oral examination is conducted forlaboratory course for better understanding.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/9/2.5.1-20-21-MECHANISM%20OF%20INTERNAL%20ASSESSMENT.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

Institute hastransparent internal evaluation system which consists of

Internal Class tests

Re-test,

Mock Oral/practical examination

Assignments

MCQs

Assignments'/tests through MOODLE

Examination coordinator in consultation with the HOD provides the schedule of the examinations well in advanced and this information is disseminated amongst the students and staff..

Following measureare taken to provide transparent and robust internal assessment methods:-

1.Assessment through MOODLE

Practice of online exams is provided through MOODLE. These results are auto- generated and are made available to the students.

Apart from this, unit-wise assignments of each course are solved and uploaded on the MOODLE by the students whichare checked and graded by the faculties which is accessible to the students.

2. Internal Class/Unit Test

Unittest results are conveyed to studentswhich help them to understand their performance level.Test answer sheets with necessary remarks/guidelines are shown to students indicating transparency.

3. Continuous Assessment during practical

Student's academic performance is continuously assessed in each practical session in order to

assess the student learning levels.based upon the student's depth of understanding about experiments, attendance, quality of journal maintained and its timely submission.The obtainedmarks by the students are declared.

4. Mock Practical/Oral

Mock practical/oral examination is conducted for each laboratory course for preparation of final external University Oral-Practical Exams.

The results of the Mock exams are conveyed to students with the motive for improvement in their

final performance.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/10/2.5.2-20-21-MECHANISM%20TO%20DEAL%20WITH%20INTERNAL%20EXAM.pdf

2.6 - Student Performance and Learning Outcomes

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

Program outcomes and course outcomes for all courses offered by the institution are formulated

during the framing of the syllabus by the affiliating university. The syllabus is framed by the teachers of

Affiliated colleges with participation of the

subject/industry experts. Most of the courses from first year to final year,consist of six course outcomes. NBA/NAAC has framed 12 programme outcomes. The program specific outcomes are the skill sets gained by students when they graduate from a particular program/branch.

Mechanism of communication of Program outcomes and course outcomes:

The Program outcomes and course outcomes are communicate to teachers and students in following ways.

- Course outcome of every course is mentioned at the beginning of the syllabus of the every course from first year to final year.
- The study materials prepared by teachers begin with mention of the COs of the particular unit.
- The Program outcomes and course outcomes are displayed on institute website.
- The PPT of every unit begins with Program outcomes and course outcomes
- The Term work of practical includes Program outcomes and course outcomes
- The program outcomes are displayed on wall at every department.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://jspmbsiotr.edu.in/storage/Menus /NAAC/6/11/2.6.1.COURSE%20OUTCOMES.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The process of measuring attainment of COs, POs and PSOs starts from writing appropriate COs for each course in the four-year engineering degree program. The course outcomes are written during framing of the syllabus action verbs of learning levels as suggested by Bloom Taxonomy.

The level of attainment of COs are worked out considering the performance of student in internal and external examinations conducted by institute and affiliating University respectively by subject teacher Then, a correlation is established between COs and POs and COs and PSOs on the scale of 0 to 3, 0 being no correlation, 1 being the low correlation, 2 being medium correlation and 3 being high correlation. A 6x12 mapping matrix of COs-POs and 6x4 mapping matrix of COs-PSOs is prepared in this regard for all courses in the program. The attainment is worked out considering the attainment levels as given below.

1. Attainment level 1: 60% of students scored more than 55% marks

2. Attainment level 2: 70 % of students scored more than 55% marks

3. Attainment level 3: 80% of students scored more than 55% marks

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/12/2.6.2-20-21-EVALAUTION%20OF%20CO-PO.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

596

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://jspmbsiotr.edu.in/storage/Menus/NAAC/6/40/2.6.3_Resut%20annual%20report.pdf

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://jspmbsiotr.edu.in/storage/Menus/NAAC/6/13/2.7.1.SSS%20AY%202020-21.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

204500

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

3

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://jspmbsiotr.edu.in/storage/Menus/NAAC/7/41/3.1.3%20.%20Funding%20agencies.pdf

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Institute Innovation Cell (IIC) is functional in the institute which acts as catalyst for creation and transfer of knowledge for the students.

Objective

1. To create physical infrastructure and support systems necessary for business incubation activities.

2. Facilitate networking with professional resources, which include mentors, experts, consultants and

Advisors for the incubate companies/individuals.

3. Promote and facilitate knowledge creation, innovation and entrepreneurship activities

Facilities in IIC

Computational facilities with necessary hardware and software

Laboratories.

MOUs with industries and professional to support the innovation activities.

Institute R & D Cell responsible for promotion of R & D activities, filling of patent, Publications etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus /NAAC/7/42/3.2.1-ECOSYSTEM- INNOVATION.pdf

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

00

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	https://jspmbsiotr.edu.in/storage/Menus/NAAC/7/43/3.3.1.2.Ph%20D%20guide%20letter.pdf
List of PhD scholars and their details like name of the guide, title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

66

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

1

File Description	Documents
Any additional information	[View File](#)
List books and chapters edited volumes/ books published (Data Template)	[View File](#)

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institute has the following bodies/cells to promote various activities to sensitize students to social

Issues and holistic development:

1) National Service Scheme.

2) Student Welfare Cell

3) Women Empowerment Cell

4) Cultural Activities Cell.

Event/Activities: The events and activities undertaken under the banner above mentioned cells/bodies include the following

Tree Plantation

Cleanliness drives at selected location

NSS camp for cleanliness drive, health related awareness program for villagers etc.

Blood donation camp

Seminars on Disaster management and demonstrations

Celebration of women's day

Seminars on women empowerment

Yoga and meditation

Celebration of Independence Day, Republic day

And many more.

Impact

Awareness on Protection of Environment, Citizen Responsibility for the Nation, Development of thought process in the minds against Terrorism and Violence, importance of cleanliness. Protection of Environment, Social Responsibility towards the down trodden and especially abled, Awareness on community problems and their responsibility. Awareness on roll of Youths on impact of plastic waste and its impact on environment and cleanliness and its importance, Awareness on roll of a voter for development of the nation, Social Responsibility towards the society during Disaster and natural calamities, Awareness on gender equity, Inculcation of patriotism, Self confidence in girl students, Awareness on fitness/stress/health.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/7/15/3.4.1.%20NSS%20EXTENSION%20ACTIVITY%20REPORT%202020-21.pdf
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution

through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

12

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

609

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

52

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

25

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

The infrastructure and physical facilities for teaching -learning which is categorized as listed below is as per the minimum specified requirement by statutory bodies (AICTE) . such as:

- **Administrative Area**
- **Instructional Area**
- **Amenities Area**
- **Library facility**

- Computer Facilities
- Internet Facility
- Campus WiFi

All classrooms are provided with ICT facilities. One class room of every department is provided with interactive intelligent board with internet/Wi-Fi connectivity. The institute has a common seminar hall with audio visual facilities for conducting Conferences, seminars and workshops. In addition each department has their own seminar hall to conduct departmental activities. All labs are equipped with adequate instruments /equipments to meet the curriculum requirement. Every department has their own tutorial rooms to conduct tutorials. To encourage students to utilize software available in the department; the laboratories are equipped with high end desktops. Project Labs are available to enhance practical knowledge about new trends in engineering and technology. Central and departmental libraries support the teaching learning process through books, journals, e-journals, magazines etc.Library facility is well stacked with recommended text and reference books, e-books, e-journals, printed journals, CDs, rare books, digital library with air-conditioned reading room etc. Library has the membership of DELNET database.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/8/17/4.1.1-20-21-%20ADEQUATE%20INFRASTRUCTURE.pdf

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

The institute has the following bodies/cells to promote various activities to sensitize students to social

Issues and holistic development:

1) National Service Scheme.

2) Student Welfare Cell

3) Women Empowerment Cell

4) Cultural Activities Cell.

Event/Activities: The events and activities undertaken under the banner above mentioned cells/bodies include the following

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Blood donation camp

Seminars on Disaster management and demonstrations

Celebration of women's day

Seminars on women empowerment

Yoga and meditation

Celebration of Independence Day, Republic day

And many more.

Impact

Awareness on Protection of Environment, Citizen Responsibility for the Nation, Development of thought process in the minds against Terrorism and Violence, importance of cleanliness. Protection of Environment, Social Responsibility towards the down trodden and especially abled, Awareness on community problems and their responsibility. Awareness on roll of Youths on impact of plastic waste and its impact on environment and cleanliness and its importance, Awareness on roll of a voter for development of the nation, Social Responsibility towards the society during Disaster and natural calamities, Awareness on gender equity, Inculcation of patriotism, Self confidence in girl students, Awareness on fitness/stress/health.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/8/18/4.1.2_SPORTS%20FACILITIES.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

36

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/8/19/4.1.3%20ICT%20CLASS%20ROOMS.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

110.990576

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

The Central Library of the institute is partially automated with Autolib Software , version 10, from 2010.This system enables efficient library administration to cater students and staff services. This software has various following modules as under;

Circulation: Circulation module provision is used to issue/return/renew books,non-print material circulation (CD, DVD, etc.) and Print Journals/Magazines).

Library rules setting; generate the barcodes, listing of books (by authors, publishers, and suppliers)

Printing of member barcode, etc. with transactions through the email and message alert facility.

OPAC: Online Public Access Catalog for searching the library resources. User can search the library resources as follows:

1. General Search: Title Author Publication Keywords Classification

2. Advance Search: The searching can be done with various combinations Title Author Publication

Keywords Classification.

3. Accession Search: Search can also be done through the accession numbers without remembering the title or author of the book. This facilitates fast & accurate searching.

Reports: This is an important component of the Integrated Library Management System (ILMS) which helps to generate various report namely. Books Issue/Return date wise, user wise,

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/8/44/4.2.1.lib_automation%20screen%20shot.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	**B. Any 3 of the above**

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

9.75865

File Description	Documents
Any additional information	[View File](#)
Audited statements of accounts	[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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

34

File Description	Documents
Any additional information	[View File](#)
Details of library usage by teachers and students	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institution has IT facilities including WI-FI and sufficient number of computers with required peripherals. The facility available facilitates ICT enabled teaching-learning process and evaluation, research activities, and administration. The departments are having system software and application software's, both licensed and open source software's. The following table describes the computing facility available:

Internet and WI-FI facility:

Internet Facility Details:100 Mbps leased line

Content Ratio: 1:1(Gold)

(ISP provider -TATA Telecom),

Date of Updating: 01/09/2017

Aircell Backup line:10Mpbs

Date: June 2017

Campus Wi-Fi available

Nature of Updating:48 Mpbs to 200Mpbs

System Software

Windows XP, Vista,7, 8, 8.1,10, Server

Ubuntu 14.04 (Open Source)

Fedora 19/20 (Open Source)

Windows Server 2008 R2 Standard

Windows Server 2008 R2 Enterprise 64-bit

Application Software's(Licensed/Open Source)

Mechanical Engineering

CREO, ANSYS-6.0, MASTER CAM, CAD FEKO, Auto CAD, MATLAB 6.0

MATLAB Tool Boxes 5

Computer Engineering& Information Technology

Exchange Server Standard Turbo C++ 4.5

Oracle 9i

Microsoft Visual Studio 2008, 2012, Express

Microsoft Office 2003/2007/2010/2013

Micro wind 3.1-comp

Adobe Flash MS Office 2013

Electronics and Telecommunication Engg

NI Multisim Circuit, Ladders Programming Triton, Xilinx , DSP Application Software, Embedded System Development software, Chips scope pro software, Proteus 11

Electrical Engineering

Accounts

Tally ERP 9

Library

Auto-lib, Version 10

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

4.3.2 - Number of Computers

649

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

64.96

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The maintenance of physical, academic and support facilities are carried out by the respective departments on daily basis and periodically. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition.

The corporate office cell is responsible to undertake any maintenance work as reported by laboratory in charge. Faculty members' in charge of laboratories are responsible to keep the laboratory equipment in working conduction. Librarian and the supporting staff are responsible for operation of library. The proposal of requirement of resources for library is submitted for procurement as and when need arises. Yearly stock audit is carried out. The computing systems are maintained by the system administrators and the laboratory technicians. Class rooms are maintained by the department. The campus has common sports complex with indoor and outdoor facilities which is maintained centrally by campus office. The sports activities are taken care of by physical director. Common amenities are maintained by the house keeping staff. To maintain internet connectivity and CCTV security system, network and system administration team is appointed.LCD projectors, EPBX system, air conditioners are maintained with the help of external agencies. Security staff including security supervisor is employed to safe guard the whole premises.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/8/51/4.4.2-%20SYSTEMS%20AND%20PROCEDURE%20FOR%20FACILITIES.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1608

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills — A. All of the above

File Description	Documents
Link to Institutional website	https://jspmbsiotr.edu.in/storage/Menus /NAAC/9/21/5.1.3.%20INDUCTION%20PROGRAM %202020-21.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

68

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

68

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 has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

235

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

8

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

4

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

0

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in house staff on daily basis and periodically. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition.

The corporate office of the group of institutes has a maintenance cell. This cell is responsible to undertake any maintenance work as reported by laboratory in charge. Faculty members' in charge of laboratories are responsible to keep the laboratory equipment in working conduction and report any maintenance to central team. Librarian and the supporting staff are responsible for operation of library. The proposal of requirement of resources for library is submitted for procurement as and when need arises. Yearly stock audit is carried out. The computing systems are maintained by the system administrators and the laboratory technicians. Class rooms which are assigned to the departments are maintained by the department The campus has common sports complex with indoor and outdoor facilities which is maintained centrally by campus office. The sports activities are taken care of by physical director. All other common amenities are maintained by the house keeping staff under the supervision of the campus supervisors. To maintain internet connectivity and CCTV security system, network and system administration team is appointed.LCD projectors, EPBX system, air conditioners are maintained with the help of external agencies. Security staff including security supervisor is employed to safe guard the whole premises.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/9/22/5.3.2-STUDENT%20REPRESENTATION%20AND%20ENGAGEMENT-20-21.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

283

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in house staff on daily basis and periodically. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition.

The corporate office of the group of institutes has a maintenance cell. This cell is responsible to undertake any maintenance work as reported by laboratory in charge. Faculty members' in charge of laboratories are responsible to keep the laboratory equipment in working conduction and report any maintenance to central team. Librarian and the supporting

staff are responsible for operation of library. The proposal of requirement of resources for library is submitted for procurement as and when need arises. Yearly stock audit is carried out. The computing systems are maintained by the system administrators and the laboratory technicians. Class rooms which are assigned to the departments are maintained by the department The campus has common sports complex with indoor and outdoor facilities which is maintained centrally by campus office. The sports activities are taken care of by physical director. All other common amenities are maintained by the house keeping staff under the supervision of the campus supervisors. To maintain internet connectivity and CCTV security system, network and system administration team is appointed.LCD projectors, EPBX system, air conditioners are maintained with the help of external agencies. Security staff including security supervisor is employed to safe guard the whole premises.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/9/23/5.4.1.ALUMNI%20ASSOCIATION%20CONTRIBUTION.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	D. 1 Lakhs - 3Lakhs

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 and in tune with the vision and mission of the institution

The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in house staff on daily basis and periodically. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition.

The corporate office of the group of institutes has a maintenance cell. This cell is responsible to undertake any maintenance work as reported by laboratory in charge. Faculty members' in charge of laboratories are responsible to keep the laboratory equipment in working conduction and report any maintenance to central team. Librarian and the supporting staff are responsible for operation of library. The proposal of requirement of resources for library is submitted for procurement as and when need arises. Yearly stock audit is carried out. The computing systems are maintained by the system administrators and the laboratory technicians. Class rooms which are assigned to the departments are maintained by the department The campus has common sports complex with indoor and outdoor facilities which is maintained centrally by campus office. The sports activities are taken care of by physical director. All other common amenities are maintained by the house keeping staff under the supervision of the campus supervisors. To maintain internet connectivity and CCTV security system, network and system administration team is appointed.LCD projectors, EPBX system, air conditioners are maintained with the help of external agencies. Security staff including security supervisor is employed to safe guard the whole premises.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File](#)

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in house staff on daily basis and periodically. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition.

The corporate office of the group of institutes has a maintenance cell. This cell is responsible to undertake any maintenance work as reported by laboratory in charge. Faculty members' in charge of laboratories are responsible to keep the laboratory equipment in working conduction and report any maintenance to central team. Librarian and the supporting

staff are responsible for operation of library. The proposal of requirement of resources for library is submitted for procurement as and when need arises. Yearly stock audit is carried out. The computing systems are maintained by the system administrators and the laboratory technicians. Class rooms which are assigned to the departments are maintained by the department The campus has common sports complex with indoor and outdoor facilities which is maintained centrally by campus office. The sports activities are taken care of by physical director. All other common amenities are maintained by the house keeping staff under the supervision of the campus supervisors. To maintain internet connectivity and CCTV security system, network and system administration team is appointed.LCD projectors, EPBX system, air conditioners are maintained with the help of external agencies. Security staff including security supervisor is employed to safe guard the whole premises.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/10/24/6.1.2,%20EFFECTIVE%20LEADERSHIP.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in house staff on daily basis and periodically. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition.

The corporate office of the group of institutes has a maintenance cell. This cell is responsible to undertake any maintenance work as reported by laboratory in charge. Faculty members' in charge of laboratories are responsible to keep the laboratory equipment in working conduction and report any maintenance to central team. Librarian and the supporting staff are responsible for operation of library. The proposal of requirement of resources for library is submitted for procurement as and when need arises. Yearly stock audit is carried out. The computing systems are maintained by the

system administrators and the laboratory technicians. Class rooms which are assigned to the departments are maintained by the department The campus has common sports complex with indoor and outdoor facilities which is maintained centrally by campus office. The sports activities are taken care of by physical director. All other common amenities are maintained by the house keeping staff under the supervision of the campus supervisors. To maintain internet connectivity and CCTV security system, network and system administration team is appointed.LCD projectors, EPBX system, air conditioners are maintained with the help of external agencies. Security staff including security supervisor is employed to safe guard the whole premises.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/10/25/6.2.1--INSTITUTIONAL%20STARTEGIC%20PLAN-20-21.pdf
Upload any additional information	View File

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

The important bodies which play important role are Governing Body, College Development Committee, IQAC, Academic Monitoring Cell, Training and Placement Cell, Research and Development Cell and other bodies/cells with teachers and students representation. The recruitment policies are well defined which are implemented by IQAC. Recruitment policy is as per the rules and regulations of SPPU.Local selection committee is constituted with subject experts by college. The candidates recommended by committee forwarded to university for Adhoc approval. This is for urgent need of college. Recruitment carried out as per roaster i.e. Approval by reservation cell of SPPU. Once roaster is approved advertisement in leading news paper is given and interview conducted by committee constituted by university. Service rules are transparent and benefits like Provident Fund, Group Insurance Scheme etc. are provided to employees. Institute has Women's grievance cell, student's grievance cell, Staff

grievance cell and it resolves the grievances of students/staff /women if any. The self appraisal System for teaching and non-teaching staff which includes all aspects of API (Academic Performance Index) to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal .It is based on the Performance of faculties.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/10/26/6.2.2.%20FUNCTIONING%20OF%20THE%20INSTITUTION.pdf
Link to Organogram of the institution webpage	https://jspmbsiotr.edu.in/storage/Menus/NAAC/10/26/6.2.2.%20FUNCTIONING%20OF%20THE%20INSTITUTION.pdf
Upload any additional information	View File

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 inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The important bodies which play important role are Governing Body, College Development Committee, IQAC, Academic Monitoring Cell, Training and Placement Cell, Research and

Development Cell and other bodies/cells with teachers and students representation. The recruitment policies are well defined which are implemented by IQAC. Recruitment policy is as per the rules and regulations of SPPU.Local selection committee is constituted with subject experts by college. The candidates recommended by committee forwarded to university for Adhoc approval. This is for urgent need of college. Recruitment carried out as per roaster i.e. Approval by reservation cell of SPPU. Once roaster is approved advertisement in leading news paper is given and interview conducted by committee constituted by university. Service rules are transparent and benefits like Provident Fund, Group Insurance Scheme etc. are provided to employees. Institute has Women's grievance cell, student's grievance cell, Staff grievance cell and it resolves the grievances of students/staff /women if any. The self appraisal System for teaching and non-teaching staff which includes all aspects of API (Academic Performance Index) to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal .It is based on the Performance of faculties.

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

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

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

3

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 programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

0

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<u>View File</u>

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

13

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The important bodies which play important role are Governing Body, College Development Committee, IQAC, Academic Monitoring Cell, Training and Placement Cell, Research and Development Cell and other bodies/cells with teachers and students representation. The recruitment policies are well defined which are implemented by IQAC. Recruitment policy is as per the rules and regulations of SPPU.Local selection committee is constituted with subject experts by college. The candidates recommended by committee forwarded to university for Adhoc approval. This is for urgent need of college. Recruitment carried out as per roaster i.e. Approval by reservation cell of SPPU. Once roaster is approved advertisement in leading news paper is given and interview conducted by committee constituted by university. Service rules are transparent and benefits like Provident Fund, Group Insurance Scheme etc. are provided to employees. Institute has Women's grievance cell, student's grievance cell, Staff grievance cell and it resolves the grievances of students/staff /women if any. The self appraisal System for teaching and non-teaching staff which includes all aspects of API (Academic Performance Index) to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal .It is based on the Performance of faculties.

File Description	Documents
Paste link for additional information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/10/53/6.3.5-20-21-PERFORMANCE%20APPRAISAL%20SYSTEM.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources. The major financial decisions are taken by the Institute's Local Managing Committee (LMC) and Governing Body (GB).The institute has a mechanism for internal and external audit. Internal audit is an ongoing continuous process. In addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions. An external audit is also carried out on an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid Recurrence of such errors.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources. The major financial decisions are taken by the Institute's Local Managing Committee (LMC) and Governing Body (GB).The institute has a mechanism for internal and external audit. Internal audit is an ongoing continuous process. In addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions. An external audit is also carried out on an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid Recurrence of such errors.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources. The major financial decisions are taken by the Institute's Local Managing Committee (LMC) and Governing Body (GB).The institute has a mechanism for internal and external audit. Internal audit is an ongoing continuous process. In addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions. An external audit is also carried out on an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid Recurrence of such errors.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File](#)

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Institutional reviews and implementation of teaching learning reforms facilitated by the IQAC

Example No 1: Utilization of MOODLE in teaching-learning process.

MOODLE was expensively use in teaching-learning process. The course material, NPTEL video links, MOOC video links, YouTube video links and videos of experiments prepared by faculty members were uploaded on MOODLE. The details of text books and reference books are also uploaded on the MOODLE. During the semester –II of academic year 20-21 all assessments are

carried out using the MOODLE. Assignments, Test, MCQ tests, Quiz, Oral, Practical examinations were conducted at institute level as per the guidelines of the affiliating university.

Example No 2: Review of teaching-learning process

Following review activities are carried out for effective implementation of academics, training, internships and placements.

Weekly T-L reports

These reports in prescribed formats are collected from all departments. The observations of made by module coordinators regarding course material prepared by teachers, delivery of lectures and practical, teaching methods and techniques used by teachers etc are included in this report. This report is checked and verified by faculty. Sample checking and verification is done by principal. These reports namely module coordinator, HOD and Principal reports are sent to AQARC for review.

Five point reports

These reports include academics, Training, Internship, project quality and placement. Weekly meetings are conducted with departments to review these activities and suggestions are given wherever required

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality	C. Any 2 of the above

initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	

File Description	Documents
Paste web link of Annual reports of Institution	https://jspmbsiotr.edu.in/storage/Menus/NAAC/14/48/ANNUAL%20REPORT-%20BSIOTR%202020-21.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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

The institute practices to bring a positive change in the attitude and support equity among genders within the institute and in our outreach. Annual gender sensitization plan is as follows: Objective: To promote inclusiveness, tolerance, harmony and women's empowerment among the students and staff.

• Conduct activities like Blood donation camp, Aids awareness, female foeticide, dealing with COVID-19 pandemic, etc in order to give back to the society

• Promoting activities related to health, nutrition, self-defense and entrepreneurship among the female students.

• Conduct workshops related to cybercrime, safety and security in hotels and career enhancement for female students.

- Provide professional counseling to the students.

- Guidance regarding the financial investment for students and staff.

- Conduct workshops that promote diversity and gender-sensitive communication for students and staff alike.

- Mentorship in college to be provided where faculty and students can approach in matters of gender-related issues.

- Monitoring and evaluation mechanisms for implementation and their follow-ups.

- Conducting regular awareness-raising activities among students and staff

- Balanced gender quota while recruitment.

- Student's code of conduct that promotes gender parity at the governance level

File Description	Documents
Annual gender sensitization action plan	https://jspmbsiotr.edu.in/storage/Menus/NAAC/11/28/7.1.1.%20ANNUAL%20GENDER%20ACTION%20PLAN.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/11/27/7.1.1%20WOMEN%20SAFETY%20MEASURES.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management

The waste management in the campus is as briefed below.

Solid waste management

The machine scrap (C I Boring) generated during machining in workshop is collected properly in the workshop at dedicated in workshop and it is disposed off through vendors. Dead leaves, tree remains and waste from the canteens is used for composting. The manure so produced is used for the trees and plants in the campus.

Liquid waste management

The campus generates liquid waste from various sources in campus like the buildings of the institute,

Hostels and canteens. This waste is treated in dedicated sewage treatment plant with a capacity of 14000

lit/day installed in the campus. Later this water is utilized for non-drinking applications like gardening and watering the pathways and washing floors etc., in the campus.

E-Waste Management

The outdated and non-upgradable/non-working components of electronic equipments are identified

after proper scrutiny by system administrator. Students are encouraged to reuse the components from scrap in their

projects. And rest e-waste is disposed.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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
Geo tagged 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
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives 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	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft	B. Any 3 of the above

copies of reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

To provide an inclusive environment, inculcate and carry forward the rich culture of India, the institution organizes national festivals like Deewali, Dassehra, Gudipaadva, Ganesh Festival etc. A pluralist approach is adopted by the institution towards functions and celebrates. Republic Day, Independence Day, Guru Purnima, Gandhi Jayanti, Shivaji Jayanti, Maharashtra Foundation Day, Teacher's Day, Engineers Day, Founders Days, Children's day etc.are celebrated.

The Republic day celebration is one of event organized by the Jayawant Shikshan Prasarak Mandal in a big way. This event is presided over by Dr. T.J. Sawant, Founder Secretary of Jayawant Shikshan Prasarak Mandal. At the event patriotic programs are conducted to depict the national integration. Prizes are distributed to the students and staff who have shown outstanding performance in sports and academics. Teaching and non-teaching staff of all institutes participate in this event.

Wall mounted boards of core values of the institute exist in different locations to motivate faculty and students to develop and inculcate good values and habits in them.

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

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

Institute organized many activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. Every year, on Republic day and Independence Day, the invited speakers/dignitaries appeal to all to remember the struggle of freedom.Our constitution provides for human dignity, equality, social justice, human rights and freedom, rule of law, equity and respect and superiority of constitution in the national life. Every year Republic day is celebrated by organizing activities highlighting the importance of Indian Constitution. Independence Day is also celebrated every year to highlight the struggle of freedom and importance of Indian constitution. The annual cultural fest is also promoting the awareness towards rights and duties of citizens where Skits, Dances, Poetry, singing etc are based on such themes. Various other activities under the banner of NSS are organized. These include rally to spread importance of cleanliness and Hygiene, voter's responsibility. Cleanliness drives, awareness on AIDS etc are part of these activities. Seminars/motivational speeches by invited speakers are also organized. During COVID-19 students took part in distribution of mask to the needy.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://jspmbsiotr.edu.in/storage/Menus/NAAC/11/46/7.1.9-20-21-SENSITISATION.pdf
Any other relevant information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/11/46/7.1.9-20-21-SENSITISATION.pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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 4. Annual awareness programmes on Code of Conduct are organized	B. Any 3 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 programs etc., in support of the claims	View File
Any other relevant information	View File

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

Annual Report on Celebrations of Commemorative Events 2020-2021

Celebrating events and festivals is an integral part of learning and building a strong cultural belief in a student. The institute celebrates the national and international days, events and festivals throughout the year with involvement of staff and students. In academic year 2020-21, days like International Yoga Day, World Environment Day, Independence Day, Republic Day, National Mathematics Day, National Unity Day (Birth Anniversary of Sardar Vallabh bhai Patel), Birth Anniversaries of Dr. Sarvapalli Radhakhishnan, Mahatma Gandhi, and Birth anniversary of Swami Vivekananda etc were celebrated. The days celebrated are as listed in the table

below.

LIST OF THE ACTIVITIES 2020-21

Sr No

Name of Event

Date/Duration

1

Guru Pornima

6.07.2020

2

International Yoga Day

28,06.2020

3

Independence Day

15.08.2020

4

Ganesh Chaturthi

21.08.2020

5

Teachers Day

05.09.2020

6

Engineers Day

15. 09.2020

7

Republic Day

26.01.2021

8

National Science Day

01.03.2021

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Patrice No:1

1. Title of the Practice: Decentralization of powers and responsibilities

2. Objectives of the Practice: The institute practices decentralization and participative management.

3. The Context

To plan and execute academic, administrative and co-curricular and extra-curricular activities in line with the guidelines of statutory bodies.

4. The Practice

power and responsibilities are assigned to the members of

various committees for planning and implementation of activities.

5. Evidence of Success:

Better performance of students through effective support system.

6. Problems Encountered and Resources Required

As such there are no problems encountered.

Best Practice No:2

1. Title of the Practice: Use Of ICT Tools For Teaching-Learning

2. Objectives of the Practice

To educate the students online

3. The Context

To implement the teaching learning process digital tools and platforms to support the students in pandemic situation..

4. The Practice

Virtual lab and NPTEL video and YouTube videos and self made videos were used for demonstration of the practical. MOODLE was extensively used in CIE through tools like tests, assignments, quiz etc.

5. Evidence of Success

Reaching up to the students effectively.

6. Problems Encountered and Resources Required

Problems encountered were absence of the face to face contact of students.

File Description	Documents
Best practices in the Institutional website	https://jspmbsiotr.edu.in/storage/Menus/NAAC/11/34/7.2.1-20-21-INSTITUTIONAL%20BEST%20PRATICES.pdf
Any other relevant information	https://jspmbsiotr.edu.in/storage/Menus/NAAC/11/34/7.2.1-20-21-INSTITUTIONAL%20BEST%20PRATICES.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Skill Set Development and Placement

Various programs such as guidance for competitive exams and higher studies, career counseling, personal counseling, soft skill development, etc. are conducted. Field projects and internships are facilitated for the students through MOU's signed with industries for experiential learning and hands-on training. A good number of students have qualified in competitive exams for higher studies and recruitment by various Government departments. A satisfactory number of students are placed in core and IT industries through campus drives. Students are encouraged to participate in co-curricular and extra-curricular activities organized by the institute and at other institutes by providing financial assistance and transport facilities. Good number of students has participated in various activities and has won prizes. The college has registered Alumni Association. Alumni assist the institution financially or non- financially by way of internships, Guest Lectures, Workshops, Industrial Visits, Campus Drives, etc.The student coordinators and training & placement coordinators of each department have played a great role in developing and nurturing relationships with corporations for recruitment, internships, industry sponsored projects, expert lectures etc. Zensor-ESD and Barclays GTT programs have proved to be very useful in soft skill and aptitude training for the students. Institution has tie-up with institutional trainers for company specific training of students. During academic year 2020-21 overall placement of students in IT, Core and other Service companies is satisfactory.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

8.Future Plans of Actions for Next Academic Year

To cope with increasing demand for engineers with multidisciplinary skills and competitiveness in technical education sector and the expectations of stakeholder, the institute has worked out an action plan for the next academic year.

1.To initiate the procedure for academic autonomy.

2. Applying for 2(f) and12 (B).

3.NBA certification.

4.To develop networking with international universities.

5.To encourage students to opt for IT skill training programs.

6.To increase the number of placements through collaborative activities with industries.

7.To plan and execute training programs for students of core branches to make them employable in core as well as IT industries.