YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	**SANDIP INSTITUTE OF ENGINEERING AND MANAGEMENT**
• Name of the Head of the institution	**Dr. Dipak Pandurang Patil**
• Designation	**Principal(in-charge)**
• Does the institution function from its own campus?	**Yes**
• Phone no./Alternate phone no.	**02594222581**
• Mobile No:	**9545453265**
• State/UT	**Maharashtra**
• Pin Code	**422213**
2.Institutional status	
• Type of Institution	**Co-education**
• Location	**Rural**
• Financial Status	**Self-financing**
• Name of the Affiliating University	**Savitribai Phule Pune University, Pune**

• Name of the IQAC Coordinator	**Dr. Lalit Kashinath Toke**	
• Phone No.	**02594222581**	
• Alternate phone No.	**02594222582**	
• Mobile	**7709044967**	
• IQAC e-mail address	**lalit.toke@siem.org.in**	
• Alternate e-mail address	**lalitktoke@rediffmail.com**	

3.Website address (Web link of the AQAR (Previous Academic Year)	**https://siem.sandipfoundation.org/wp-content/uploads/2021/07/AQAR-2019-20.pdf**
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	**https://siem.sandipfoundation.org/academic-calendar/**

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B++**	**2.89**	**2018**	**02/11/2018**	**02/11/2023**

6.Date of Establishment of IQAC	**03/04/2017**

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
Electronics and Telecommunication	**STTP**	**AICTE-AQIS**	**2021**	**235867**

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	2
• 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

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

*Content development in the form of video lectures & uploading it in Learning Management System *Participated in NIRF *Participated in AICTE Vishwakarma Award *Activities under MHRD-IIC (Innovation of institutions cell)

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
Content development in the form of video lectures & uploading it in Learning Management System	These resources are useful for better understanding to students and ultimately improve result.
Preparation of Academic calendar of the Institute and department	Academic cocurricular activies were conducted in preplanned manner, resulting in better execution & overall development of teaching learing process
Preparation of Academic Formats for teaching learning process enhancement	Improvements in level of understanding of these difficult subjets among students
Plan online extra co-curricular activities	Improvement in students performance
Involvement of ICT tools in teaching learning	Improvements in resources for the teachers

To organize International Conference	Knowledge sharing, provided platform to present and publish research work

13.Whether the AQAR was placed before statutory body?	Yes

- Name of the statutory body

Name	Date of meeting(s)
College Governing Council Members	26/03/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020–21	28/12/2021

15.Multidisciplinary / interdisciplinary

The Institute offers the curriculum designed and set by SPPU in which the flexibility is provided for multidisciplinary subjects to various branches. In mechanical engineering subjects like Electrical & Electronics Engineering, Mechatronics are offered whereas in Electrical engineering Industrial Technology and Management, Advanced Microcontroller and Embedded Systems subjects are offered. Digital electronics and logic design in computer engineering and in E & Tc engineering Data Structure, Business Management subjects are offered.

Alongside with this the institute prompts the culture of interdisciplinary projects in the areas of community engagement and services which has an implications towards solving problems in the society. The institute has a separate industry institute interaction (III) cell which promotes the culture of developing projects which identify the problem in the industry and give proper solutions.

16.Academic bank of credits (ABC):

The institute is affiliated to Savitribai Phule Pune University, Pune (SPPU) and run the curriculum designed and set by SPPU hence the institute is bounded to run the choice based credit system for undergraduate programs in engineering as per rules and regulations of SPPU.

17.Skill development:

The institute is affiliated to Savitribai Phule Pune University, Pune. The curriculum set by the university itself includes soft skill and project based learning's as a compulsory subject with separate credits. Therefore the institute rigorously implement practice of teaching the subjects like soft skill and project based learning to the students.

Institute also conducts orientation classes at the beginning of the semester for first year and second year students to ascertain knowledge based needs and skills of the students. The institute regularly conducts soft skill/ personality development workshops for students.

Alongside this the institute is continuously starving for enhancing the skills of the students by the dedicated Training and Placement cell. The Training and Placement cell provides soft skill training and aptitude sessions for all the students to improve their communications skills and confidence level. Also it helps the students to enhance their problem solving ability.

Institute also offers department wise Value Added Programs for the students to tide over the present industrial needs. The toppers of each class are appointed as Class Representatives. This helps to develop their communication, leadership skills & team building skills.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Institute encourages all the faculties to enroll for online courses in Indian language such as NPTEL/ Swayam platform.

Most of the Students admitted in the Institute are from rural background therefore during the lecture faculties are taking efforts to explain the concept in the local language if required.

To preserve and promote Indian Culture and traditions, every year the institute celebrates the birth anniversary of great Indian leaders and freedom fighters such as Chatrapati Shivaji Maharaj, Mahatma Gandhi, Savitribai Phule, Dr. Babasaheb Ambedkar, Mahatma Jyotiba Phule etc. Institute also celebrates various days such as World Yoga Day, Marathi diwas, Hindi bhasha diwas and International Women's Day, etc.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Institute has formed a separate Academic Monitoring Committee with the objective to promote quality education via effective teaching and learning process. First step is the identification of students as slow learners and advanced learners based on the class interaction and previous year results. Advanced learners are given opportunities to participate in innovative and industry based projects, internships, Hackathons, Paper Presentations and Project Competitions. We also encourage advanced learners to conduct workshops and seminars to share their knowledge with their peers.

 Institute have registered Alumni Association. Every year alumni meet is conducted to connect with the alumni and utilize their services, like Guest Lectures, Internship opportunities, placement guidance, etc.,

Institute encourages students to pursue internships during their vacations to get aware with the industry culture and identify the real time problems in the industry.

Institute regularly encourages the students to compete in various competitions at state and national level such as Tech Fests, paper presentations and idea and innovation contests like Smart India Hackethon, Chatravishwkarma award, Avishkar etc.

Parents' meetings are conducted in every semester to provide feedback about the progress of their ward.

20.Distance education/online education:

The institute is affiliated to Savitribai Phule Pune University, Pune. The institute is following the curriculum designed and set by the University for Undergraduate Programs in engineering.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	5

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	2018

File Description	Documents
Data Template	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	1467

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	738

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year		97

File Description	Documents
Data Template	View File

3.2 Number of Sanctioned posts during the year		97

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	38
4.2 Total expenditure excluding salary during the year (INR in lakhs)	67980793
4.3 Total number of computers on campus for academic purposes	557

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

The Institute is affiliated to Savitribai Phule Pune University and follows the curriculum and academic calendar, set by the Pune University . Institute forms the Academic Monitoring Commiitee (AMC), which is headed by dean academics and one member from each department. AMC formulates academic calendar including curricular and co-curricular activities for upcoming semester. The academic calendar is circulated to all Heads for finalizing various departmental activities. Teaching load distribution of the next semester is handed over to the faculty members well in advance.

Institute has ERP software for monitoring daily attendance of students and providing learning material to the students. Institute has well developed Tutor system to monitor academic performance and providing personal attention and counselling to each and every student.

Each faculty prepare course file which contains Mapping of CO's with PO's, Academic Calendar, Individual Time Table, University Syllabus, Teaching Plan, Question Bank, and Unit-wise Notes.

Faculty also developed Subject videos, which are available in the form of LMS on ERP. Experiments conducted through online mode and virtual labs conidering COVI-19 panademic. Faculties used Zoom, Google meet and other online learning platforms for teaching and learning process. All teachers created Google classrooms to provide study material.

File Description	Documents
Upload relevant supporting document	**View File**
Link for Additional information	https://siem.sandipfoundation.org/

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

The institute is affiliated to Savitribai Phule Pune University (SPPU), Pune. The university published the Academic Calendar in the beginning of every session. After the commencement of session, the college has to follow the academic calendar. However, the college prepares its own calendar, which is in-line to the university. The University academic time-table includes following parameters:

A) Date of admission B) Commencement of teaching C) Dates of Insem exam. D) Dates of End Semester Exams. E) Dates for Oral, Practical, Term Work, Project exams. F) Dates for extra-curricular activities, like student union, NSS/Sports/Cultural and literacy programs, etc.

The academic calendar of the Institute includes following parameters. It has following particulars.

- Teaching Commencements and Conclusions.
- Parents Meeting.
- Internal Assessment of Project, Experimental work.
- Conduction of Unit Tests at Department Level.
- Display of Attendance.
- Display of dates for Insem Exams.
- Conduction of Mock Test for Experimental/Project related work.
- Conduction of Technical festivals /Cultural activities/ sports activities.
- .Display of Submission Schedule for Project, Assignment, Term Work and Experiments.

The AMC of the institute ensures the timely conduction of curricular and co-curricular activities mentioned in the academic calender. AMC regularly monitor the continuous internal assesment via collecting the syllabus coverage reports including theory and practicals.

File Description	Documents

Upload relevant supporting documents	**View File**
Link for Additional information	**https://siem.sandipfoundation.org/**

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	**C. Any 2 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
22

File Description	Documents
Any additional information	**No File Uploaded**
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
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)
6

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

266

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

266

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

1.3 - Curriculum Enrichment

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

The curriculum given by SPPU contains the following subjects related to Environment and Sustainability, Human Values and Professional Ethics

Department: First Year Engineering

  1. Environmental Studies-I
  2. Environmental Studies-II

Department: Civil Engineering

  1. Road Safety Management
  2. Disaster Management
  3. Professional ethics and Etiquettes/sustainable energy system
  4. Leadership and personality development / Industrial Safety
  5. Environmental Engineering Under the above mentioned subjects the following topics are covered a. Concept of environment b. Introduction to solid waste management, electronic waste and its disposal c. Use of various Eco friendly materials in construction. d. Concept of green building e. Sources, Causes and remedial measures associated with a) Air pollution b) Land Pollution c) Noise pollution d) Water pollution

Department: Computer Engineering

  1. Humanity and social science
  2. Human Computer interface
  3. Professional ethics and Etiquettes
  4. Sustainable energy system
  5. Leadership and personality development

Department: Electrical Engineering

  1. Soft Skill
  2. Types of Solar thermal systems

3. **Wind electricity generation Systems**
4. **Operation and maintenance of Wind energy generation systems**

Department: Mechanical Engineering

1. **Soft Skill**
2. **Air Pollution due to I.C (Internal Combustion) engines and its effect**
3. **Refrigeration and Air-Conditioning**

File Description	Documents
Any additional information	**No File Uploaded**
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

10	

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	**No File Uploaded**
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	**View File**

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

699	

File Description	Documents
Any additional information	**No File Uploaded**
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	**A. All of the above**

stakeholders Students Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	**No File Uploaded**
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	**View File**
Any additional information(Upload)	**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	**NIL**

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 sanctioned seats during the year

420

File Description	Documents
Any additional information	**No File Uploaded**
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

196

File Description	Documents
Any additional information	**No File Uploaded**
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

Institute believe in outcome-based learning processes, where students are categorized as slow learners and advanced learners

based on their previous year results. At the beginning of the semester Induction program is conducted to ascertain knowledge based needs and skills of the students. Tutor system is also implemented by the institute to overview the performance of students and suggestions are given by tutors for improvement. Performance of slow learners is improved by remedial and extra classes. Previous year Question papers, Model answers and Question Banks for all subjects are circulated among students. Book bank facility is provided to the first year students. Parents of students are informed about their academic performance. Value Added Programs (VAP) are arranged to impart transferable and life skills. Excellent infrastructure with well-equipped laboratories, classrooms, seminar halls are provided. Advanced learners are given opportunities to participate in innovative and industry based projects, internships, Hackathons, Paper Presentations, and Project Competitions. Guidance from industry and academic experts is provided to design and develop projects on real time problems. The toppers of each class are appointed as Class Representatives who are part of students' council. This helps to develop their communication, leadership & team building skills. We also encourage advanced learners to conduct workshops and seminars to share their knowledge with their peers.

File Description	Documents
Link for additional Information	**NIL**
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
2018	97

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

Information and Communication Technology (ICT) enabled class rooms; interactive board, well-equipped laboratories and seminar halls are provided for enhancing learning experience. For Real time exposure students are encouraged to participate at National and International Level project competitions. Industrial Visits to engage them in experiential learning while visiting the organization. Guidance from industry and academic experts is provided to design and develop projects. Laboratory Sessions are conducted with content beyond syllabus experiments. Institute conducts numbers of activities like Expert lectures, Workshops, Seminars, Guest Lectures, Value Added Programs (VAP) etc. to enhance the knowledge and skills amongst the students.

All Departments organize annual Tech Fest to promote the spirit of Team work and participative learning. Student activities like Tree plantation, Swatchh Bharat and Health awareness camp. Institute periodically conducts group discussions, role play, mock interviews, debate and special training sessions for students. The Student presentations are organized where in the paper is presented by students on contemporary topics to enrich their learning experience.

Application based projects are recommended to the students to nurture skills like innovative thinking & problem solving. Industry-institute linkage is strengthened for better training in core fields and bridging the gap between academics and the industry. Technical seminars are arranged for students which lead them to develop technical and presentation skills.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	https://siem.sandipfoundation.org/wp-content/uploads/2021/07/MECHSUMMIT-2K21.pdf

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

Number of teachers on roll Number of teachers using ICT (LMS, e-Resources) ICT tools and resources available Number of ICT enabled classrooms Number of smart classrooms E-resources and techniques used 97 97

Google classroom, Blogs, PPTs, Projector , NDL/NPTEL website/ERP, Youtube, DELNET, Sandip ER System, Interactive Board,

LMS E-Videos(Prepared by faculties) 29 1 NPTEL videos, Power Point Presentation, E resources like e-journals, e-books, e-material, ERP, Blog spot, Animated PPTs, National Digital Library of India, Zoom, Google Meet Platforms, Microsoft Team

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

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

97

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

97

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	**View File**
Any additional information	**No File Uploaded**
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

9

File Description	Documents
Any additional information	**No File Uploaded**
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

347

File Description	Documents
Any additional information	**No File Uploaded**
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.

There is a standard process of internal assessment in the institute. Institute disseminates academic calendar which consists of schedules of in-sem exam, practical exams, and theory exams. According to the academic calendar, a teacher has to take unit test, which may be in the form of written test, google-form,

power-point presentation, and quiz on subject or by other method, which the subject teacher decides. The marks of unit test are discussed in the classrooms and each student can discuss about its performance. If a student is not satisfied with the evaluation awarded by the subject teacher he/she can avail an opportunity to request in writing for review to the Head of the concerned department.

Internal assessment of final year student's project is done on continuous basis generally after every 15 days. Performance record is maintained by project coordinator and communicated to students after each evaluation. Internal evaluation of technical seminar presentations of third year students is conducted once in a month on the basis of attendance during the presentations along with technical knowledge, seminar report and presentation skills.

File Description	Documents
Any additional information	**View File**
Link for additional information	**NIL**

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

As Institute is affiliated to the Savitribai Phule Pune University (SPPU), it follows all the norms for examination related grievances of SPPU.

There is a Examination Committee at the institute level to deal with the grievances of the students comprising of a senior teacher and coordinator from each department as members. If any discrepancy like mistakes in question paper, mark allocation, correction is noticed by the students, the concerned teacher will resolve the discrepancy, and the necessary corrections will be made. If a student is not satisfied with the marks awarded even after resolved by the teacher, then he may represent the same to the HOD concerned. All such representations are taken positively and are reassessed by another teacher if necessary. Parents are informed about their ward's performance through SMS and Mail. Students are counselled by the tutor.

University level mechanisms for redressal of grievances:

Redressal of grievances is permitted by University only for end semester examinations. As per the university guidelines institute has appointed College Exam Officer (CEO) and supporting staff for handling the examination related processes. Students applying for grievances have to apply through their own login provided by the university examination section portal http://exam.unipune.ac.in/. Any student having grievance related to examination process can write an application and submit it to examination clerk. The exam section forwards the application to Savitribai Phule Pune university for solution.

File Description	Documents

Any additional information	**View File**
Link for additional information	**https://siem.sandipfoundation.org/wp-content/uploads/2021/06/Office-Order-of-Examination-Guidance-Committee.pdf**

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The institute has clearly stated the learning outcomes for each academic program and each course. The program outcomes of the department are disseminated to all the stakeholders through following media:

- **Institute Website: The Vision, Mission, POs, PEOs and PSOs are published through college website to disseminate among the stakeholders.**
- **Induction Programme: The Induction programme is taken at the start of each semester, in which the head of the department and academic coordinators address the students regarding Vision, Mission, Goals, PEOs and POs of the department.**
- **At orientation lectures: Generally, all faculty members discuss PO's and CO's at the beginning of the course. Mapping of COs with the corresponding POs is done at the start of the semester.**
- **At appropriate places in the department: The PEOs and POs are displayed at various places like the entrance of the department, office of the head of the department, staff room, etc**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	**https://siem.sandipfoundation.org**
Upload COs for all courses (exemplars from Glossary)	**View File**

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

Outcome based education (OBE) is now inevitable for education. Course outcomes (CO) and Program outcomes (PO) are two crucial aspects pertaining towards effective OBE incorporation. To achieve this, mapping of course outcomes with program outcomes is a major concern. We are achieving this attainment level by following methods:

A) Estimating CO and PO mapping and finding correlation between the CO and PO.

B) Two direct schemes of CO attainment are designed along with one indirect scheme.

C) Final attainment estimation is done by integrating the above proposed schemes.

The first method calculates the course attainment based on the university examination results. This method deploys the attainment calculation based on the set target levels.

For the second method we perform the result analysis of various examinations of SPPU, Unit Tests and practical examinations. Then identify the students having marks below 50 %. [Attainment level 1(Low)], marks in the range of 51 % to 60 % [Attainment level 2 (Moderate)] and marks above 60 % [Attainment level 3 (High)]. Finally calculate the attainment.

Indirect attainment is found out using course exit survey. A questionnaire is prepared for the students to know the understanding of the subject.

Final Course outcomes attainment is calculated as eighty percent on the average of three direct attainment methods and 20 percent on the attainment achieved by indirect methods.

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

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

714

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	**No File Uploaded**
Paste link for the annual report	**https://siem.sandipfoundation.org/wp-content/uploads/2022/03/Term-End-Report-AY-2020-21-Sem-II.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://siem.sandipfoundation.org/wp-content/uploads/2022/07/Student-Satisfaction-Survey.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)

NIL

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	**View File**

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

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

NIL

File Description	Documents
List of research projects and funding details (Data Template)	**View File**
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	**NIL**

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

6

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

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

the year

71

File Description	Documents
Any additional information	**No File Uploaded**
List of research papers by title, author, department, name and year of publication (Data Template)	**View File**

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

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

69

File Description	Documents
Any additional information	**No File Uploaded**
List books and chapters edited volumes/ books published (Data Template)	**View File**

3.3 - Extension Activities

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

To address the social issues, institute conducts various extension activities in the neighborhood community like – 1. Conducting Health Awareness Camp. 2. Arranging Cleanliness drive to aware about importance of clean environment. 3. Organizing Literacy Awareness Camp. 4. Awareness about gender sensitization. 5. Blood Donation Camp. 6. To create Environmental Awareness students participating in collection Ganpati Idols which reduces water pollution. 7. Organizing Food/Clothes/School Stationary donation drive to needy people.

Note – Its normal practice to conduct above mentioned programs but due to pandemic and Govt. restrictions in academic year 2020 -21 we conducted few programs on physical mode from above mentioned list.

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

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

3.3.2.1 - Total number of awards and recognition received for extension activities

from Government/ government recognized bodies 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**

3.3.3 - 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

3.3.3.1 - 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

04

File Description	Documents
Reports of the event organized	**View File**
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	**View File**

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

250

File Description	Documents
Report of the event	**View File**
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	**View File**

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

07

File Description	Documents
e-copies of linkage related Document	**View File**
Details of linkages with institutions/industries for internship (Data Template)	**View File**
Any additional information	**No File Uploaded**

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

04

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	**View File**
Any additional information	**No File Uploaded**
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.

Institute continuously strives to create and maintain the state of the art infrastructure facilities catering to the current and future needs of the students. The institute has policies and procedures to build the infrastructure to meet the standards and norms set by AICTE and SPPU.

Institute has a campus area of 8.278 acres with 24363.03 Sq. m. of built up area. The institute has 13327.64 Sq. m instructional area, 1697.42 Sq. m administrative area and 2051.08 sq. m amenities area.

Total 35 class rooms with proper lighting, seating space and ventilation with LCD projector, rolling screen and LAN/Wi-Fi facilities, 09 Tutorial rooms, 66 laboratories equipped with good quality equipments are available.

Institute has total 557 personnel computers with adequate student computer ratio with separate computer centre.

Workshop with area 1015 Sq. m and three well designed seminar halls equipped with modern audio visual system is available.

Institute Library and reading room of area 757 Sq. m. is incorporated with digital library along with OPAC to get access to e- learning resources. Total 22744 text books, reference books, e-books and 1747 CDs and DVDs are accessible in library.

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

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

- Institute has shared playgrounds of total area 28275 sq.m for outdoor games. First playground is established in 2011-12 and second play ground in 2014-15 for all types of sports activities and competitions at various levels.
- Institute has facilities for indoor games such as chess, carom, and table-tennis.
- Provision of Indoor gymnasium with adequate equipment and accessories is available.
- Green gymnasium is available in hostel premises.
- Institution has provision for Yoga and Meditation.
- Institution has adequate sports equipment to encourage students for sports participation.
- Amphitheatre is available in campus for conducting cultural activities.
- Several cultural activities are also carried out in seminar hall and open space of the Institution.
- As per record of cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre facility uses by students and staff is nil due to COVID-19 Pandemic Lockdown.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**https://siem.sandipfoundation.org/sports-facility/**

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

32

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

32

File Description	Documents
Upload any additional information	**View File**
Paste link for	**https://siem.sandipfoundation.org/infrastructure-**

additional information	**facility/**
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)

67980793

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	**No File Uploaded**
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)

Sandip Institute of Engineering and Management's (SIEM) Central Library is established in 2010. Area of Library is 757 sq. m. The library has vast collection of more than 22,744 books which includes handbooks, dictionaries, standard reference books, quality textbooks, journals, magazines, newspapers. The collection has been classified as per the Dewey Decimal Classification (DDC) system and arranged subject wise. The library has open access to all students. Students are allowed to enter the book stack, select the book and avail reading room facility, which has a seating capacity of around 180 students. Library uses KOHA (Library automation) software, along with barcode technology.

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

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	**No File Uploaded**
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)

0

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	**No File Uploaded**
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

391

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 institute is equipped with an adequate IT infrastructure including computers, software, internet connectivity etc. Various software are made available as per the requirements of different programs. The institute has internet leased line connectivity. Institute always keeps track on changing technology and the change or addition of the infrastructure is made available accordingly. Wi-Fi connectivity is also provided by institute. Service engineers are appointed for providing various maintenance services. Communication services, LAN network is also available in the institute which is regularly updated and maintained. Most of the computers are equipped with antivirus software Quick heal. Institute also uses open source operating system like Linux/Ubuntu etc. Cyber roam firewall is used to provide access and authority to users. The details of updating of various IT facilities are given in the following tables.

File Description	Documents

Upload any additional information	**View File**
Paste link for additional information	**NIL**

4.3.2 - Number of Computers

557

File Description	Documents
Upload any additional information	**View File**
Student – computer ratio	**View File**

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

File Description	Documents
Upload any additional Information	**No File Uploaded**
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)

30428916

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

For maintenance of computers the ERP based call log system is implemented in the institute. The faculty/staff requiring computer related maintenance put a call log from his PC. The call log is then received by system department and they take care of repair. Similarly, the maintenance of laboratory, classrooms, sports complex can be done using ERP. The civil work is monitored by project department. In case of repair, the requisition form has to

be filled by the concerned staff and to be given to project department and it takes care of repair and maintenance.

The various policies for maintaining and utilizing physical, academic and support facilities are:

1.Laboratory and Classroom policy

2.Library Policy

3.Sports Policy

4.Computers Policy etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	**https://siem.sandipfoundation.org/maintenance-policies/**

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

1687

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
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

00

File Description	Documents
Upload any additional information	No File Uploaded
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://siem.sandipfoundation.org/?s=activity&id=2618**
Any additional information	**No File Uploaded**
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

288

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

288

File Description	Documents
Any additional information	**No File Uploaded**
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	**No File Uploaded**
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

288

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

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

14

File Description	Documents
Upload supporting data for student/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**
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

10

File Description	Documents
Upload supporting data for the same	**View File**
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/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.

00

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 institute has elected members of Student Council, who represents students' community in Academic& Administrative issues. We consider that it is beneficial for felicitating student's representation in various working bodies in the institute. The members of the council include Class representatives from each class from First to Final year; and office bearers like NSS coordinator; Cultural coordinator; Sports coordinator and Ladies representative. The committee is headed by Student welfare officer and assisted by NSS coordinator.

The student council helps share students ideas, interests, and concerns with faculties and management to create environment, conducive to educational and personal development. The council acts as a link between department and fellow students towards enhancing learning environment. The students actively participate in organizing both technical & non-technical activities, thereby contributing towards fulfilling goals of the institute. Students help in arranging Industrial interactions / Expert Talks sessions. Every activity arranged for students are assessed by student feedback for improving future activities. Students also help in Administrative activities in the institute. Students coordinate in arranging all Co-Curricular, Extra-curricular and cultural activities at institute level. Student teams helps in maintaining discipline during any events & supports the smooth conduction of the event. Students are active members of NSS group of Institute. Under the guidance of NSS Coordinator, students actively arrange various events focusing on the objective of NSS. Students get involved in NSS camps and provide their services towards the society. As a part of Students Association, all activities are coordinated and supported by students who perform all the necessary tasks. Also many organize educational and recreational activities for students. Students participate in sporting events at the institute from participation to event management. Students actively participate in marketing of events organized by the institute.

File Description	Documents
Paste link for additional information	https://siem.sandipfoundation.org/?s=activity&id=2618
Upload any additional information	No File Uploaded

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

| 10 |

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
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

Presently, we have Alumni Association who is working with the initiative of "STAY CONNECTED". We have registered our Alumni Association as per the government norms with registration number – MAHA/843/NA. Alumni Association consists of office bearers like President, a Vice-President, a Secretary, Treasurer and 5 alumni members. This team looks after the Alumni activities of the institute. The Alumni Association contributes in the institute through the following manners:

1. The alumni members are invited to attend events & activities.

2. Alumni Interaction Session or Guest Lectures are conducted where they share their expertise and current technological trends.

3. The students interact with alumni to get updated information on market requirements, as they get realistic inputs related to usefulness of the academics

4. Alumni guide the present students through sessions for building their professional personality.

5. The alumni share their professional experiences with students and encourage them to develop trade skills.

6. Alumni Meets are being arranged regularly towards suggestions related to curriculum design, placement activities and value – added programs.

7. Alumni suggestions are involved for defining the Program Specific Outcomes, Program Educational Objectives, and in the Mission & Vision of department and institute.

8. Alumni Feedback helps in planning activities for professional skill development and contributes to the well- being of the Alma Mater.

9. Alumni members help the department to get in contact with industrial / corporate world towards good academic-industry tie-ups and maintaining relations.

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

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 institution believes in transparent and visionary governance which motivates all the stakeholders for overall growth.

The management supports all the activities to facilitate the need of stakeholders for providing quality education and endorses vision that represents the best thinking about teaching and learning, Research, Entrepreneurship & Promotion to higher studies. Principal of the Institute performs all administrative and academic activities in line with All India Council for Technical Education (AICTE) and Savitribai Phule Pune University (SPPU) in essential, desirable and mandatory parameters.

Dean academics coordinates with Principal and HOD's for proper implementation of academic policies by planning, supervision and reforms.

Dean administration looks after general administration incordination with other commies of the institute. Responsibilities of Dean International affairs are to establish new Tie-Ups and Exchange programs with International Universities.

Dean Research and Development looks after all research and development activities of the institute which includes publications,patents,sponsored projects,grants and fundings.

Head of the Department (HOD) looks after entire departemental activities in coordination with the Principal and Deans.

Registrar has been assigned with responsibilities of various sections and is responsible for submission of information and reports to Apex and affiliating bodies in co-ordination with supporting staff of respective section.

File Description	Documents

Paste link for additional information	**https://siem.sandipfoundation.org/about-siem/mission-vision/**
Upload any additional information	**No File Uploaded**

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

The Institute promotes culture of decentralization and participative management at various levels. The Governing Council (GC) is formed at the Institute level as per the guidelines of Apex bodies. Governing Council of the isntitute is established to oversee the design, development and the effective implementation of various Academic, Co-Curricular and enrichment programs. The Governing Council also plays an important role in establishing adequate physical infrastructure and competent human resources. Renowned individuals from Academic, Industrial and Civic backgrounds are selected as representatives in the Governing Council.Along with this Nominees from Affiliating Boards/Universities, AICTE and other Academic & Regulatory Bodies also includeed as members. Appropriate representation is also included from the Staff, Students & other stakeholders in order to make policy design & governance participatory and inclusive. The meeting of Governing Council is conducted regularly,

Institute has College Development Committee (CDC), composed of members of Management, Principal, representative from teaching and non-teaching staff, Secretary of student Council etc.

CDC invloves in preparing comprehensive development plan of the college regarding academic, administrative and infrastructural growth, and enable college to achive excellence in curricular, co-curricular and extra-curricular activities.

File Description	Documents
Paste link for additional information	**https://siem.sandipfoundation.org/about-siem/committees/**
Upload any additional information	**View File**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute has a perspective plan developed for its overall growth as below

The institute has a perspective plan developed for its overall growth as below

1] Enhancing Quality of Education: 2] Industry Institute Interaction: 3] Provide State-of the-art Library Collections, Spaces, and Learning Opportunities: 4] Development of Research and

Innovation as a Culture: 5] Entrepreneurship Development: 6] Enhancing alumni associations:

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	**Nil**
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 Institution has well defined organisational structure. This depicts the formal flow of Instructions, information and movement of documents for various processes. It ensures timely completion of assignments, submission of reports to various bodies such as AICTE, DTE etc. The display of organisational structure/organogram at website exhibits the proper administrative set up and gives the proper visibility to the visiting stakeholders as to whom one should approach.

The Governing council and the College Development Committee with regard to the rules and regulations by various apex bodies and the affiliating University is there in place and the organisation functions on the directions deliberated and resolved in the various meetings of the these council and committee. The CDC is constituted as per the guideline and provision given by university act.

The institute has well defined service rules which includes recruitment and promotional policies for all the teaching and non-teaching staff members. Institute follows the recruitment process of teaching faculty as prescribed by SPPU. For an effective implementation of the policies like time office management, leave rules, increment and promotion etc. are framed and followed.

File Description	Documents
Paste link for additional information	**https://siem.sandipfoundation.org/about-siem/committees/**
Link to Organogram of the Institution webpage	**https://siem.sandipfoundation.org/organization-chart/**
Upload any additional information	**No File Uploaded**

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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	**No File**

	Uploaded
Screen shots of user interfaces	**View File**
Any additional information	**No File Uploaded**
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

1. **Loan Facility from the Institute's Cooperative Credit Society.**
2. **Lien facility.**
3. **Women Empowerment Program.**
4. **Provident Fund**
5. **Gratuity.**
6. **Maternity leaves for female Teaching & Non-Teaching staff.**
7. **Study Leave, Medical leave, etc.**
8. **Insurance for Employees.**
9. **Health Check-up camps.**
10. **Financial support for up gradation of knowledge through QIP/ conferences/ Workshops/STTP/Seminars.**
11. **Transportation facilities for staff.**
12. **Emergency service (Ambulance etc.)**
13. **Superannuation Scheme.**
14. **Accommodation for staff.**
15. **Tie up with Hospital.**
16. **Reorganization of faculty members for achievements - felicitation of faculty members after PhD.**

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

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

00

File Description	Documents
Upload any additional information	**No File Uploaded**
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

05

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	**View File**
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

55

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	**No File Uploaded**
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

Institute has well defined process for ACADEMIC PERFORMANCE INDICATORS (API) of teaching and non-teaching staff members. General Parameters for performance appraisal of teaching staff are

CATEGORY – I : TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

CATEGORY – II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELEATED ACTIVITIES

CATEGORY– III: RESEARCH AND ACADEMIC CONTRIBUTION

CATEGORY - IV: CONTRIBUTION TO SOCIETY

CATEGORY-V: UTILIZATION/CONTRIBUTION TOWARDS UNUTILIZED RESOURCE LIKE LAB/MACHINES/INFRA (5 pm to 9 am & Holidays/Weekends)

CATEGORY - VI: CONTRIBUTION IN ADMISSION PROCESS

CATEGORY - VII: CONTRIBUTION IN STUDENTs DEVELOPMENT

CATEGORY - VIII: STUDENT FEEDBACK

All the staff members have to fill their respective ACADEMIC PERFORMANCE INDICATORS (API) form and submit to their respective department or section head. The concern Head assesses the form of all staff members and assigns the points, based on the information provided by an individual. The report is forwarded to the Screening Committee for approval and authentication, and then it is submitted to management for compliance if any in the appraisal actions.

Parameters for Performance appraisal of non-teaching staff members includes

1. Technical Competency

2. Participation in Co-curricular Activities like (Value Added Program, Workshop, Expert Lecture, Industrial visit, Hobby Club etc.)

3. Participation in Extra Curricular Activities like (Sandipotsav, National Service Scheme etc.) 4. Contribution in departmental activities

5. Contribution in foundation level work, CSR activities and overall behavioral Attitude of an individual.

Performance appraisal form of administration staff members includes parameters like qualification improvement; overall experience of the candidate, The Grade for staff is accessed based on performance.

File Description	Documents
Paste link for additional information	Nil
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

Institute conducts Internal and External Financial audit every year to ensure financial compliance. Internal audit is conducted by the parent body of Sandip Foundation. Financial compliance report of internal audit report is submitted to the Management of Sandip Foundation.

The institution is having qualified practicing Charted Accountant as an external auditor.

Finalization of account is completed upto March and audited statement is prepared after 31st March.

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

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)

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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 major source of institutional funding is through tuition fees paid by the students. The collected fees is deposited in bank and all expenses are carried out through bank transaction process. The institute has adopted well defined process for optimal utilization of resources including financial resources.

The resource mobilization policy and procedures are as follows:

1. The Central Purchase Committee oversees the proper and legal completion of purchases. 2..Regular internal and external audits performed by a chartered accountant ensure that the resources are being mobilised correctly. 3. The Library Advisory Committee sees to it that the library's resources are used to their full potential.

4. All the fucntions related to the construction, maintainace, gardenning, etc are taken care by the project and housekeeping department.

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

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

IQAC plays an important role in improving the quality of academic and administrative activities of the Institution. Institute has Academic Monitoring Committee (AMC) which is working in line with the parameters of Internal Quality Assurance Cell (IQAC). The formal constitution of AMC includes Principal, Dean Academics and Academic Co-coordinators of all the departments. The major role of AMC is to look after the regular and timely completion of academics, student feedback and support. The objective of AMC is to strengthen the overall teaching learning process and to ensure maximum academic performance of the students

Functionality of AMC is describes as below

To Prepare the Academic Calendar of the Institute at the beginning of each semester as per the University Academic calendar.

To monitor the Load / Subject distribution of all departments along with Head of the respective department.

To monitor the academic activities in the Institute i.e. the regularity of the Theory and practical classes.

To monitor the activities of Class Teachers & Tutors with Head of respective department. Monitoring of Staff Feedback system along with Head of the respective department.

To finalize the formats related to academics along with Head of Department. Conduction of Academic Audit

Best Practices in institute

1.Regular Academic Audit

2.Customized ERP system

3.Tutor System

4.Earn and learn scheme

5.Proficient Student association

6.Tie-Ups and Exchange programs with International Universities and Industries/Agencies

7.Scholarship to Meritorious students

8.Multidimensional Training and Placement cell

9.Innovative EDP cell

10.Enriching Faculty Development Program

11.Adaptive Employability Skill Program

12.Creative IPR and Copyrights

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

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

Institute has separate Academic Monitoring Committee (AMC) which monitors all academic related activities in consultation with Dean Academics. AMC is working in line with the parameters of Internal Quality Assurance Cell (IQAC) set up by the college recently. AMC reviews teaching learning process regularly and take appropriate cognizance for the respective changes in teaching learning process, structures & methodologies of operation. Based on such receiving AMC suggests the reform to enhance the quality of education.

Following are examples of institutional reviews and implementation of teaching learning reforms.

Online Teaching Learning:

Considering the pandemic situation the academic session was conducted online where the resource contents of the subjects was prepared in terms of video lectures, PPTs. This has supported to create a Learning Management System platform for students. In addition, the study material of every subject has been made available on Google classroom. The students those have missed the lectures due to any technical issue at their location had taken the advantage of the video lectures to cover the missing contents.

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

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	Nil
Upload e-copies of the accreditations and certifications	No File

	Uploaded
Upload any additional information	No File Uploaded
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

Gender equality is one of the main challenge facing society today. We adhere to the highest ethical standards in all our activities at our institution. Equal opportunities are provided to all individuals irrespective of gender, religion, caste, language etc.

1. Security and safety

Security cameras (CCTV) are fixed in the institute for 24x7 surveillance. Also Security checkpoints are established at all entries and exits of campus.

2. Counseling

Antiragging Committee and Grievance Cell is exist for avoiding ragging and solving problems. However women professors provide counseling to the girls in the institute.

3. Common Room

Institute has girl's common room with appropriate facilities

File Description	Documents
Annual gender sensitization action plan	As above mention description
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	Photos are available but here upload tab not provided.

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	No File Uploaded

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

Our institute has generating very less impact on the environment as less waste is generated through different operations. Reuse of material is insisted in the institute which ensures the less consumption of natural resources

Solid Waste: The waste is generated by regular activities carried out in the institute that includes paper, leaves, foods, etc. The waste is segregated at each level and source. The floor dustbins are emptied in collection vehicle and are taken to the dumping ground provided by the local authority. The institute has contacted an authorized vendor who collects the waste from the designated place, disposes it at the authorized landfills.

Liquid Waste: Liquid waste is generated by the institute in the form of sewage, laboratory and through canteen. A waste water pipe network is provided throughout the campus for proper collection and conveyance of liquid waste from the source to the treatment location.

E-Waste Management: E-waste generated by electronic equipments such as computers, printers, xerox machines are recycled properly. E-waste generated from hardware is being disposed off centrally as it cannot be recycled or reused.

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

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 with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	**View File**
Any other relevant documents	**No File Uploaded**

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	**E. None of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
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	**A. Any 4 or all 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	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

SIEM provide everyone with a comprehensive environment that is tolerant and harmonious with cultural, regional, linguistic, community socio-economic and other diversity. Various sports and cultural activities organized within the institute promote mutual harmony. The Institute held a village awareness annual camp in a neighboring village hosted by the Institute's NSS team. Programs such as Swachh Bharat Abhiyan and blood donations are conducted in the Institute and nearby villages. Conventions, seminars, cultures and rally events take place on anniversaries and patriotic days. In addition to many regional festivals such as the Diwali Festival, the Ganesh Festival is celebrated at the Institute. Language activities such as poetry writing and debate competition helps to improve students skills. This establishes positive interactions between people of different racial and cultural backgrounds. The annual cultural festival of the institute provides a platform for students to showcase their talent in terms of cultural, regional and social aspects.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	**No File Uploaded**
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

The Sandip Institute of Engineering and Management takes various initiatives by organizing various activities to make students and employees sensitive to constitutional obligations (citizen values, rights, obligations, responsibilities).On November 26, 2020, the SIEM celebrated Constitution Day. Principal Dr.D.P.Patil talked about the basic rights, obligations, values and responsibilities of citizens as set forth in the Constitution of India. He remembered the struggle for freedom and appealed to everyone to respect the national flag and national anthem. Our Constitution stipulates human dignity, equality, social justice, human rights and freedom, the rule of law, and the fairness, respect and superiority of the Constitution in national life. As part of strengthening democratic values, a voter awareness program was launched to inform students and the public about democracy. On January 25, 2021, a Voter Commitment Program was organized for SIEM students and teachers. . Our NSS committee also organized an

awareness march in Belgaon Dhaga village. Every year on January 26, Republic Day is celebrated by organizing events that highlight the importance of the Indian Constitution. Likewise, Independence Day is celebrated on 15th August every year to highlight the freedom struggle and the importance of the Indian constitution.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	**View File**
Any other relevant information	**No File Uploaded**

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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	**No File Uploaded**
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	**No File Uploaded**

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

Institute has organized commemorative days and festivals like Independance day,Mahtama Gandhi Jayanti,Republic day etc.to create awareness among the students about the nation.

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	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

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

Title of the Practice: International Internship

1. **Objectives:**

   - **To provide an opportunity to work on projects in future technology**

   - **To provide International exposure to the students**

   - **To develop global employability skills**

1. **Outcomes of the Training:-Exposure to professional behavior, Better chances of employment, improving problem-solving and critical thinking skills, Certification from the University.**

The training is offered under the Project Based Learning (PBL) environment. The parameters considered for students' selection for Summer School are Area of Interest and Academic Performance, along with the information about student's participation in value addition programs and co-curricular activities. During the training of 45 days, students work on the selected projects of the training under the guidance of the tutor assigned by the host University and try to complete minimum one project.

Evidence of successes:

Summary of the students participated in the Summer school Training is as follows:

- **5 students for Technical University, Sofia, Bulgaria (2014)**

- **19 students for Technical University, Sofia, Bulgaria (2015)**

- **9 students for Technical University, Sofia, Bulgaria (2016)**

- **6 students for Athens Information Technology, Greece (2016)**

- **5 students for Ural Federal University, Russia (2016)**

- **18 students for Klaipeda State University of Applied Sciences, Lithuania (2017)**

- **20 students for The Bonch-Bruevich Saint-Petersburg State University of Telecommunications& Synergy University, Moscow(2018)**

Total 82 participants are benefited from the training in terms of their projects, publication of papers and placements.

Title of the practice: Intellectual Property Rights (IPR)

1. **Objectives of the Practice:**

- To identify, protect and leverage the rights of IPs that are generated from research, patents and copyrights.

- To Provide a fair balance between the rights of inventors/applicants and third parties.

1. The Context: Promote innovation via the reward granted to the inventor. Promote technology diffusion via publication and access to patents documents. Promote competitions through innovation

The main IP policy (Part A) presents the generic position of SF. The inventions related IP policy (Part B) relates to patent, design, layout, trademark, bio diversity and related rights whilst the expressions related IP policy (Part C) provides direction for the copyright and related rights. Various forms that explain in detail the sub processes, various situations and required documentation will be included as a part of the implementation of this policy. Working out the financial outlays for patents with registration process and filing of the patents proposals

Evidence of successes: Due to moral support of Institute, enhancement in filing national level patents has been observed and till date total 95 patents are filled in Indian Patents. Of these, 04 patents have been granted to Sandip Institute of Engineering and Management. The Controller General of Patents Designs and Trademarks (CGPDTM), Government of India published nation-wide ranking of institutes in which Sandip Foundation's Sandip Institute of Engineering and Management, ranked 8th in 2014-15 and ranked 9th in 2017-18 among top 10 Indian Applicants for Patent from Institute & Universities, along with IITs, IISc and few eminent universities.

File Description	Documents
Best practices in the Institutional web site	No File Uploaded
Any other relevant information	No File Uploaded

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

Training and Placement Cell of Sandip Institute of Engineering and Management has taken various initiatives to enhance training, placement and internship opportunities for all the students of Engineering in strengthening its mission towards the institute's excellence. Sandip Foundation believes that "Placement is the result of quality Training". From first year of Engineering, Faculties start molding students in basic technical aspects. Continuing with Quality technical syllabus, every possible effort is made to prepare students ready for recruitment process from second year onwards. The mock Interviews are conducted twice in a semester to make sure that students present themselves in a professional manner fearlessly. Through this session students are also mentored to prepare their profiles suited professionally.

With a dedicated Training-Placement Officers (TPO) and excellent support of Department Training-Placement Coordinator (TPC), students get maximum opportunities. While TPO focuses on Global Market; Department TPC strives to fetch maximum opportunities from local industries. Effective teaching-learning process ensures best results in academics that helps maximum students to attain the eligibility criteria for recruitment. Apart from regular curriculum, students are also nurtured in various Value Added Programs (VAPs) designed to make the students aware of current industry market-trends for their branch. Experts from academics and industry and engineers involved in multitasking are invited for interactions to emphasize and explore possible collaboration with the industry. Also thanks to Symposiums and HR Meets that take place. Sandip Foundation is trusted by many Industries; like Mahindra & Mahindra, Bosch, Rishabh Instruments, Byju ,Infosys, Zensar Technologies, Eternus Solutions, Technoforce, Prothious to name a few. Students are also promoted and motivated to take part in recruitment drives at other places. With rigorous training and grooming sessions, students have shown significant results in placements since last 4 years. Although it was a Covid-19 pandemic still approximately 100 jobs were offered to students of various branches. Leading with a vision of providing industry-ready candidates, the institute has taken major initiative to seek cooperation from various industrial organizations from variety of sectors, ranging from multinational (MNCs) to small scale industries (SMIs). To cope up with corporate challenges, institute has signed MOUs with local and multinational industries to provide better platform to all the candidates in terms of Internship, Sponsored Projects, Industrial Visit, Pre-placement Offers and Final Placements. Institute has taken up a step forward to achieve collaboration with leading giants in India. Sandip Foundation, leading with Vision- to be the best- is creating a bench mark in Placements every year by the virtue of Quality Staff and Supporting Management.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Following is the Future Plan of action for next academic year: To make preparations to secure NAAC accreditation with "A" Grade. In order to pursue for said NAAC accreditation, and to ensure the quality improvement And assurance in the institution, following initiatives will be undertaken for different Components of the system:

Faculty Development:

1.To assimilate and retain competent and skilled faculties with high individual gains and Institutional returns.

2. To identify the elemental and inherent skills of faculties and map them into various Committees for productive outcomes like research, consultancy, administration etc.

3. To invigorate faculty in Skill development programs through participation in seminar, Conferences, STTP, workshops etc. of National/International recognition.

4. To facilitate the vital habitat for initiating Professional memberships through various Industry and research bodies so as to enhance Industry Institute Interaction for Individual's growth.

5. To motivate the faculties for faculty up gradation. Research Innovation:

1. To promote a research hub facilitating Research Laboratories in collaboration with various industries covering heterogeneous research areas.

2. To expose the inhouse and collaborative research through National/International Footprints such as IPR, Research publications, Consultancy etc.

3. Provide most competent staff and excellent support facilities like laboratory, library and internet required for good education on a continuous basis.

4 .To undertake goal oriented research, competitive and relevant to commercial as well as societal benefits.

5. To invite significant number of persons from industry from India and abroad for collaboration and promote Industry Institute Partnership.

Student Development: 1.To incorporate the culture of project based, participative and experimental learning amongst students, to identify the gaps in curriculum and bridge it through Value Addition Programs (VAP).

2. To toil for mock preparation for recruitment and process and organise on regular basis through assessment, Gds, and PIs.

3. To form and to operate various students skills and activity clubs for co curricular and extracurricular development.

4. To provide remedial mentoring facilities for overall growth.

5. Making use of MOODLE software for making learning resources available to students.

Entrepreneurship:

1. To act as an institutional mechanism for providing various services including information on all aspects of enterprise building to budding science and technology entrepreneurs.

2. To create and nurture the Entrepreneurial Ecosystem in the institution and other institutions in the nearby territory to promote the objectives of various National, State level, Regional initiatives.

1. Infrastructure Development:

   1. To deploy ICT tools in every classroom for enhancement of teaching learning process towards Project based learning.

   2. To use and promote Free and Open source software in Education (FOSSE) tools recommended by various governing committees and eminent institutions.

   3. To ensure girls and boys hostels with all essential facilities like centralized dining, Green Gym, Indoor Games etc.

   4. To develop playgrounds for major outdoor games like Cricket Football, Volleyball, Hockey etc.

   5. To ensure optimum utilization and maintenance of infrastructure.

   Placement:

   1. To map students inclination for placements, higher studies and entrepreneurship.

   2. To sharpen Employability Skills of students.

   3. To leverage networking and collaboration with Industry