YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

SANJIVANI COLLEGE OF ENGINEERING, KOPARGAON

- Name of the Head of the institution

  Dr. Thakur Ajaykumar Gulabsingh

- Designation

  Director

- Does the institution function from its own campus?

  Yes

- Phone No. of the Principal

  9130191301

- Alternate phone No.

  8975800800

- Mobile No. (Principal)

  7720077666

- Registered e-mail ID (Principal)

  principalcoe@sanjivani.org.in

- Address

  At Sahajanandnagar, Tal. Kopargaon

- City/Town

  Dt. Ahmednagar

- State/UT

  Maharashtra

- Pin Code

  423603

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy)

  29/04/2019

- Type of Institution

  Co-education

- Location

  Rural

- Financial Status   **Self-financing**

- Name of the IQAC Co-ordinator/Director   **Dr. Sebastian George**

- Phone No.   **9423713810**

- Mobile No: **9423713810**

- IQAC e-mail ID   **georgesebastianetc@sanjivani.org.in**

3.Website address (Web link of the AQAR (Previous Academic Year)

https://sanjivanicoe.org.in/images/pdf/naac/AQAR__2019-2020.pdf

4.Was the Academic Calendar prepared for that year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

https://sanjivanicoe.org.in/images/pdf/naac/Academic%20Calender%202020-21.PDF

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.02**	**2017**	**12/09/2017**	**31/12/2024**

6.Date of Establishment of IQAC   **23/07/2016**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Department of Computer Engineering	**STTP**	**AICTE**	**10/08/2020**	**420583 INR**
Department of Information Technology	**ATAL**	**AICTE**	**14/01/2021**	**93000 INR**
Department of Information Technology	**STTP**	**AICTE**	**10/08/2020**	**428333 INR**

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI   View File

9.No. of IQAC meetings held during the year   **02**

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

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

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

- If yes, mention the amount

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

Feedback from stake holders has been taken on various Institutional processes for ensuring quality.

Capsule courses were conducted in all department with special

emphasis on emerging technology.

Industrial visits and intern-ship are promoted for both students and faculty.

Training by professional agencies were provided to the students for career awareness

Special projects having social relevance have been identified by various departments

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

Plan of Action	Achievements/Outcomes
Improvement in teaching learning during pandemic season	In house developed Learning Management System successfully implemented facilitating effective teaching learning during the pandemic season
Faculty Development Program on 'Universal Human Values in Technical Education'	The program was aimed at helping the faculty to appreciate the essential complementarity between skills and values to ensure mutual happiness and prosperity. The participants will be able to interpret the interconnectedness, harmonyand mutual fulfilment inherent in the nature and existence.
AICTE-ISTE sponsored Induction/Refresher program on 'Role of ICT in Teaching Learning Process'	Guidance for online content development and delivery methods in teaching learning. Adoption of changes in teaching learning process as per industrial needs
Webinar on 'NEP 2020 with special reference to HEIs'	Understanding of opportunities and challenges while implementing NEP 2020 in HEIs
SAP training programme is started on five SAP modules ABAP, FICO, MM, PP, SD at the beginning of academic year 2020-2021	In the year 2020-21, total 247 students registered for SAP modules. 160 students got placed through SAP

AICTE sponsored STTP on' Cyber Security and Blockchain Technology'	Exploration of various security attacks and management tools. Knowledge on when and why one may use block chain within the environment.
International Conference on 'Recent Trends in Computing'	The conference provided opportunity for the participants from academia and industry to present their research findings on a virtual platform. The conference proceedings were published by IOS Publishers and it is Scopus indexed.

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing body	07/08/2021

14.Was the institutional data submitted to AISHE ?   **Yes**

- Year

Part A

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• if yes, whether it is uploaded in the Institutional website Web link:	**https://sanjivanicoe.org.in/images/pdf/naac/Academic%20Calender%202020-21.PDF**

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Governing body	**07/08/2021**

14.Was the institutional data submitted to AISHE ?	**Yes**

- Year

Year	Date of Submission
15/01/2020	**15/01/2020**

15.Multidisciplinary / interdisciplinary

16.Academic bank of credits (ABC):

17.Skill development:

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

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

20.Distance education/online education:

Extended Profile

1.Programme

1.1   **17**

Number of programmes offered during the year:

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

2.Student

2.1   **3301**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2   **908**

Number of outgoing / final year students during the year:

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

2.3   **3277**

Number of students who appeared for the examinations
conducted by the institution during the year:

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

3.Academic

3.1   **481**

Number of courses in all programmes during the year:

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

3.2   **171**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**17**

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

2.Student

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File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2 Number of outgoing / final year students during the year:	**908**

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

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**3277**

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

3.Academic

3.1 Number of courses in all programmes during the year:	**481**

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

3.2 Number of full-time teachers during the year:	**171**

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

3.3 Number of sanctioned posts for the year:	**152**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**402**
4.2 Total number of Classrooms and Seminar halls	**34**
4.3 Total number of computers on campus for academic purposes	**1012**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**12020**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The Institute has well-defined procedure for development, revision and implementation of curriculum of all the programmes. Curricula developed have relevance to the local, national, regional, and global developmental needs with learning objectives including program outcomes (POs), program specific outcomes (PSOs), and course outcomes (Cos) of all the programmes.

Factors for Curriculum Design:

The Curriculum is designed to ensure that the students have the required domain knowledge, skills and approach. The factors considered for design of curriculum are: (i) Syllabus of various reputed Indian and International Universities (ii) Model curriculum prescribed by AICTE, (iii) The Program Specific Outcomes of professional bodies, (iv) Suggestions by industry experts and alumni

Implementation of Outcome Based Education (OBE) in the Curriculum:

1. The initial phase for ensuring academic quality is the design of the curriculum, the types of courses, the number of electives, and the curricular structure, with complete details of the course title and course contents as per the regulations.
2. The course outcomes designed to cover the prescribed syllabus and designated competencies are embedded in the assessment pattern based upon both internal and external examination system.
3. The next phase, the Course Outcomes (COs) for every course is mapped with the Program Outcomes (POs) and the Program Specific Outcomes (PSOs) of the program.
4. An effective implementation of this Outcomes Based Education (OBE) ensures that our graduating engineers have all the 12 POs defined by NBA, and hence can compete on a global platform, and have expected global attributes.

The Institute keenly observes the attainments of PEO, PO and PSO for the respective programs which intern relates to Vision and Mission of the institution and Department as well.

Process for Curriculum Design:

The initial version of the curriculum is prepared by having the above design criteria, through discussions with stakeholders by the subject chairman. The proposed curriculum is then discussed in the Department Advisory Board and is put forth to Board of Studies (BOS) where the experts from industry, academia, alumni in addition to senior faculty members contribute their suggestions. The curriculum is then placed for approval during the Academic Council (AC).

The academic autonomy of the Institution provides the

opportunity to frequently revise the curriculum based on needs and suggestions from various stake holders.

Since the institution is situated in the rural area, revision of the curriculum focuses mainly on introducing new courses with multiple facets for improving the soft skills, general aptitude and technical aptitude.

The students are made mandatory to upgrade their knowledge by undergoing MOOCS courses through NPTEL. Further the Internship made compulsory for all the students and as a result the student can upgrade the knowledge in diversified fields. In addition to the curriculum, various courses relevant to Gender Sensitivity, Professional Ethics and Human Values are also integrated in relevant programmes for holistic development of students.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	Nil

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

10

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

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

27

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

1.2 - Academic Flexibility

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

Courses-4, Programs Introduced- 2 UG & 1 PG

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

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

7

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

1.3 - Curriculum Enrichment

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

Response:Institution integrates crosscutting issues relevant to

Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Our Institution integrates Cross-cutting issues of the society like Moral Values, Human Values, Professional Ethics, Ethical Values, Gender Equality, Environmental Awareness, which are inseparable part of our curriculum. Moral Values, Human Values and Professional Ethics for holistic development of the students.

Two weeks Induction programmerelated to values and ethics is an integral part of the curriculum of the first year. The Humanity Science course "Universal Human values and Professional Ethics" in first semester and Mandatory course "Constitution of India" in second semester for 2nd year are included.

Students will be able to understand the importance of ethics and values in their personal, social and professional life after studying these courses. These subjects provide free environment for inculcating values and developing ethical competence among the students.

All these cross cutting issues facilitate the holistic development of students by ensuring a positive perspective towards life, career and happiness. Highlighting credible implications in terms of cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics covered in various courses make the students to be completely ready to face the personal, societal and professional challenges.

It is in response to a long- felt and urgent need to integrate value education with decision making skills in their personal, social and professional life.

College celebrates days of National and International importance as Republic day, Women's day, Independence Day, Teacher`s day, Human Right Day, International Yoga Day etc. These celebrations nurture the moral, ethical and social values in the students. The college has Women Grievance Cell and Grievance Redressal Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff and faculty.

The college campus is secured with CCTV and high level security.

There are separate Boys and Girls hostel (In-campus) for providing the safe environment to all students.

Institution has prescribed Audit Course "Environmental Studies" at first year for creating awareness and developing importance of environment among students. Awareness about Environment is necessary for the protection of the environment and survival of human life. The basic aim of this subject is to make the students aware about the importance of sustainable environment.

The College has an integrated rain water harvesting System along with sewage treatment plant (STP). The waste water is reused for gardening in the college campus.

There is an extensive ongoing tree plantation program. College celebrates the day of National importance as Earth day and Environment day.

Keeping in view the environmental aspect, college has already set up a "Center for Alternate and Renewable Energy. The college organizes workshop seminars on Environment and Ecology to make students aware about efficient use of natural resources.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

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

20

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

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

2731

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

Field Projects-67, Internship-943

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	https://sanjivanicoe.org.in/images/pdf/naac/Student%20Satisfaction%20Survey%20_2020-21.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following	**B. Feedback collected, analysed and action taken**

File Description	Documents
Provide URL for stakeholders' feedback report	https://sanjivanicoe.org.in/images/pdf/naac/Student%20Satisfaction%20Survey%20_2020-21.pdf
Any additional information	**No File Uploaded**

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

749

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

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

316

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 students' learning levels and organises special programmes for both slow and advanced learners.

Various activities are also conducted for the personality development of the students such as sports, yoga.

The training and placement department arranges various program such as improvement in communication skills, personality development, time management. Workshops, seminars, guest lectures are also arranged to motivate the students by the subject experts, alumni and industry persons. A mentor meeting

is conducted enhance various skills of the students.

Advanced learners / slow learners are identified based on their MHT-CET/JEE results, and subsequent performance in continuous internal assessment tests and university results.

- Results of class tests, in-semester examination, online and end-semester university examinations are readily available with the concerned faculty for the result analysis. This analysis gives an indication about the students who are probably at the risk of drop out.

- Mentor identifies the reason for poor performance, poor attendance of his mentee and tries to improve it with counselling and appropriate measures. Feedbacks received from the students and the discussions carried out during counselling gives an insight about the poorly performing students.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
03/05/2021	3280	171

File Description	Documents
Upload any additional information	No File Uploaded

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:

1) Experiential Learning: Each department conducts an add-on program to support students for experiential learning. This is achieved by conducting following activities:

- Practical are conducted with content beyond syllabus experiments

- Industrial internship helps students to acquire knowledge about the industry

- Add on courses on latest technologies by appearing on NPTEL, Coursera

- Students use latest technologies for completion of their projects

- Industrial visits help them to gain knowledge about various departments such as supply chain, manufacturing, quality etc.

2) Participatory Learning: In this type of learning, students participate in various activities such as seminar, group discussion, debate, poster competition, projects, and the skill based add on courses. Students are encouraged to participate in activities where they can use their specialized technical or management skills, such as:

- Annual Techfest

- Cultural events

- Project competition

- Seminar presentation

- Paper presentation / publication

3) Problem solving methods:

- Departments encourage students to acquire and develop problem-solving skills.

- Special topics for each subject to bridge the gap in the SPPU syllabus are covered by the faculty.

- Some projects are undertaken to solve issues related to industry such as in MASSIA projects

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

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

Learning Management System (LMS) & E – Learning Resources Institute has developed LMS for the smooth conduction of online lectures, quiz, Assignments. The syllabus, class notes, notices, practical writeups are available on the LMS. Information & Communications Technology (ICT) enabled teaching methodologies and advanced technology are being followed by the faculty members in class rooms.

• All the classroom are well equipped with internet enabled computer systems and LCD projectors.

• Faculty members effectively use Audio-Visual aids to demonstrate the concepts to the students using the resources from National Program on Technology Enhanced Learning (NPTEL) to enhance the learning experience.

• The electronic resources like NPTEL videos, Spoken Tutorial and digital library is available

• Online quizzes are conducted on LMS

• Assignments are given to students and students upload their answers of assignments on LMS

• Online attendance is marked on LMS

• Sufficient number of books, Journals, e-journals and e-books are available in the library.

• The research journals are available online and facility for accessing these journals is provided through proxy server in the campus.

Video Lectures (sanjivanicoe.org.in)

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://sanjivanicoe.org.in/index.php/about-us/video-lectures
Upload any additional information	**No File Uploaded**

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

2.3.3.1 - Number of mentors

163

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

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

Academic Schedule

• Academic year starts as per academic calendar prescribed by institute.

• The university prepares and publishes the academic Schedule for the academic year which includes plans for curricular and co-curricular activities based on the available working / teaching days as per UGC norms.

• Committee at the Institute level prepares the Institute academic calendar in concurrence with the university calendar which is prepared in advance before the commencement of the semester. Department provides format ACAD-F22 according to ISO format.

• Academic calendar of the Institute includes schedule of curricular transaction, assessment, class test, midterm submission, list of holidays etc.

Laboratory Schedule

The laboratory schedule is prepared by the concerned faculty and batch wise details with dates are specified in laboratory schedule. Time Table

• Time table of regular lectures for the semester is prepared as well as displayed on the notice board.

• Academic monitoring committee appointed by the Principal / HOD monitors the day-to-day conduction of the lectures based on the timetable.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

171

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

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

42

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

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

1747

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	[View File](#)
Any additional information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

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

30

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	[View File](#)
Any additional information	**No File Uploaded**

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

7

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	[View File](#)
Upload any additional information	**No File Uploaded**

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

The institute has been continuously carrying out of reforms in its examination procedure through integration of IT in all the procedures and processes of the examination system. The reforms

have also been implemented in the continuous internal assessments (CIA) modes and components. Examination procedure has been completely automated using IT software.

Examination Procedures and IT Integration

As per Autonomous syllabus, 20 marks are allotted for Continuous Internal Assessment (CIA), 30 marks for in-semester examination and 50 marks are allotted for end semester examination. The assessment of CIA is carried out throughout the semester.

- **Digital evaluation system has been successfully implemented for UG and PG examinations.**

The positive impact of the examination management system in the university as Follows:

- **E-governance has been successfully implemented in the institute. Online entry of Students attendance and internal assessment of mark help to reduce the errors and saves lot of time.**
- **Examination /revaluation forms are filled online which helps the students in time saving**
- **The in-semester and end semester examinations are conducted on Examination Management System (EMS). For online mode, the question papers are uploaded in the software. A proctored online examination is conducted.**
-

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

2.6 - Student Performance and Learning Outcomes

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

- **College follows the Program Outcomes (POs) (twelve) defined by National Board of Accreditation (NBA), New**

Delhi. The Course Outcomes (COs) for each subject is available in syllabus. The Cos are defined by concerned subject coordinator in consultation with other faculty teaching the same subject. The Program Educational Objectives (PEOs) and Program specific outcomes (PSOs) are defined by each department. The PEOs and PSOs are framed by taking feedback from stake holders. The PEOs and PSOs are also dependent on the vision and mission of the college as well as department by fulfilling the graduate attributes.

The POs, PEOs, and PSOs and COs are available on college website and are also communicated to students, teachers and other staff by displaying at following location:

- Website
- Syllabus
- Class rooms
- Department Notice Boards
- Student Induction Programs
- Meetings/ Interactions with employers
- Parent meet
- Faculty meetings
- Alumni meetings
- Professional Body meetings
- Library
- Departmental Laboratories
- College corridors,
- Faculty rooms

The POs, PSOs and COs are also disseminated to students through faculty announcements to the students during the beginning of each semester and from time to time during the entire semester and create awareness and emphasize the need to attain the outcomes.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	**No File Uploaded**
Link for additional Information	**Nil**

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

Process of Course Outcome Assessment and Tools

The Course Outcome attainment levels for all the courses are measured in terms of student performance in internal assessment and performance in University examination as per the guidelines given in SAR for the University affiliated colleges. The attainment is evaluated by using direct and indirect assessment methods. Assessment of each course is done as per the rubrics set for the respective assessment methods.

A. The process for the Direct Assessment of Course Outcomes

To make direct assessment of Course Outcomes, different assessment tools are used. Through these tools, the task is assigned to the students for completion and its submission. The questions for internal and university examination are set according to the Course Outcome requirement. The different tools used to assess the performance of students is as follows

Step-I: The CO assessment by direct measurement method includes:

? Internal Assessment (IA)

? University Examination (UE)

Step-II: The Internal Assessment (IA) includes

? Tutorial/Assignment Assessment (IA1)

Tutorial/Assignment questions are given to the students as per the Course Outcome (CO1 to CO6) for the respective course. This evaluation is converted into 10 marks for each CO and used for attainment of Course Outcomes.

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

2.6.3 - Pass Percentage of students

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

832

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<u>View File</u>
Upload any additional information	**No File Uploaded**
Paste link for the annual report	**Nil**

2.7 - Student Satisfaction Survey

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

https://www.sanjivanicoe.org.in/index.php/naac-record

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Instituion is having wel defined research promotion policies. The research promotion policy is describe below and same is uploded.

Research Promotion Policy

1. Utilization of R&D Budjet.

Sr. No.

Activity

Expected outcome

Remark

1

Filing of IPR (Copyrights and Patents)

IPR should reach up to Examination and CS level

A registration fees will be refunded to the faculty/students after filing.

2

A research paper published by faculty.

Research Paper published in SCI/SCOPUS indexed Journal

An Amount of Rs. 4000/- per paper will be given as insentive for SCOPUS Indexed Journal and Rs. 5000/- per paper for SCI Indexed Journal.

(Maximum Rs. 15000/- will be given as insentive in one year)

3

Travel grant for paper publication abroad

Research Paper published in SCI/SCOPUS indexed Proceddings

All faculty are directed to see travel grant scheme of AICTE/SPPU to present paper abroad.

(As per the need, suitable amount will be given to the faculty as a travel grant by the institute)

4

Funded research projects completed by the faculty.

Either research paper or IPR filed on it

1. Faculty can use 5% amount of research grant for the personal development in the department.
2. For funded project (DST/DSIR/UGC/ISRO/DRDO, etc.) of rupees more than Rs. 10 Lakhs, 20 Lakhs, and 50 Lakhs; an insentive of Rs. 15000/-, 25000/-, and 50,000/- respectively will be given to faculty

5

Research based product developed by faculty

Product useful for the students and faculty for academic or research

Maximum Rs. 20,000/ research grant will be sanctioned to one faculty to complete the research based product.

6

Inhouse products developed by the faculty

The product must be ready for the implementation

An Amount of Rs. 10000/- will be given to faculty as insentive after effective implementation of the product

7

Students' projects have some research contribution or innovation

Either research paper or IPR filed on it

A registration fees of filing IPR will be beared by the department through R&D budjet.

8

Product development by students for national competitions such as E-yantra, BAJA, etc.

Participation and Contribution in national level events

As per requirement, an amount will be sanctioned to group of students to complete the project/product.

9

Expert lectures, workshops organized exclusively for research activities

Faculty should make use of information shared by experts for students' projects and seminars

All necessary expenses required will be considered in the R&D budjet of the department concern.

10

Innovation/research clubs at department level

Innovative research projects completed by students

An amount of Rs. 5000/- will be given to one group completeting best project of the year (Department wise)

Important Notes:

1. IPR (Copyrights and Patents), research papers of faculty and students must include Institute affiliation.
2. Faculty should not use the department R&D budget for their personal PhD work.
3. The amount will not be granted if expected outcomes are not fulfilled.
4. In exceptional cases, the head of the institute will increase the amount of research grant sanctioned to individual faculty or group of students.

1. Policy for R&D contribution by faculty.

Sr. No.

Designation

Mandatory Responsbilities

1

Professor

1. One research paper in SCI/ESCI/SCOPUS Indexed Journals OR Consultancy of Rs. 50,000/- (per year)
2. One research proposal submitted to any government funding agency OR One Patent filed

2

Associate Professor

1. One research paper in SCI/ESCI/SCOPUS Indexed Journals OR One Patent filed
2. One research proposal submitted to any government funding agency (Excluding SPPU)

3

Assistant Professor

1. One research paper in International conference (SCOPUS Index Proceeding) OR One research paper in any peer reviewed Journal OR One research proposal submitted to ASPIRE scheme of SPPU
2. Product Development/Instructional materials

Important Notes:

1. Only Submitted paper will not be considered as final publication
2. Research proposal must be submitted to
3. One granted research proposal will be considered for its complete duration (02 years or 03 years)
4. Patent Should reach up to examination level

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	**Nil**
Any additional information	View File

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

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

176303.64

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

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

01

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

3.2 - Resource Mobilization for Research

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

3,949,000

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

3.2.2 - Number of teachers having research projects during the year

10

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

10

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

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

03

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.aicte-india.org/
Any additional information	**No File Uploaded**

3.3 - Innovation Ecosystem

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

Institution has created an Research Centers,Entrepreneur Development CellandIncubation centre.

PhD Research Centre in Electronics & Telecommunication Engineering, Savitribai Phule Pune University, Pune

- **Approved Research Centre of Savitribai Phule Pune University, Pune has been functioning in the department of Electronics and Telecommunication Engineering of the Institute since 2013. Three research guides are attached to this particular centre. At present, 8 Research Scholars are pursuing their Ph.D on various research topics under the broad umbrella of Electronics Engineering and allied disciplines. One candidate has already been awarded Ph.D by SPPU, Pune in 2019.**

PhD Research Centre in Civil Engineering, Savitribai Phule Pune University, Pune

- **Department of Civil Engineering is committed to basic long-term research in frontier areas of science and engineering. The department has Approved Research Centre of Savitribai Phule Pune University, Pune since 2015 where students and faculty conduct research projects in thrust areas of science and engineering. At present, the research center is having 03 approved research guides and 09 candidates are pursuing their PhD.**

PhD Research Centre inDepartment of Mechanical Engineering, Savitribai Phule Pune University, Pune

- **The research center at mechanical Engineering is approved by Savitribai Phule Pune University Pune. It is started in the year of 2016 for catering the needs of research requirements of in the field of engineering. The research center is having approved 4 research guides. At present,8 candidates are perusing their PhD and one has completed it.**
- **The research center is equipped with the following research resources. These resources are open to use for needy people/industry.**

EDP Cell – Entrepreneur Development Cell

- **The institution is having the EDP cell. Dr. V.M. Tidke is the Dean of EDP cell. This cell is conducting many entrepreneurship activities in every department as well as at institute level for students through seminar, guest lecture.**

Incubation centre

- **The incubation centers playa vital, essential role in creation of entrepreneurs, they are one who develop ideas and provide with the sources of funds, human power and other market potential. Prof. A.A. Barbind is the coordinator of this center.**

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

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

8

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	**No File Uploaded**

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	**B. Any 3 of the above**

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

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

3.4.2.1 - Number of PhD students registered during the year

03

File Description	Documents
URL to the research page on HEI website	https://sanjivanicoe.org.in/index.php/department/e-tc-engineering/innovation
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

46

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

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

08

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

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

3.4.5.1 - Total number of Citations in Scopus during the year

342

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

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

3.4.6.1 - h-index of Scopus during the year

25

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

3.5 - Consultancy

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

1,038,268.00

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

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

Nil

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

3.6 - Extension Activities

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

Sanjivani Rural Education Society's

Sanjivani College of Engineering, Kopargaon

National Service Scheme (N. S. S.)

NSS Regular Activities Summary: 2020-2021

Sr. No.

Date of Activity

Description of Activity

No. of Participations

(Faculty and Students)

1

21/06/2020

3rd International Yoga Day Celebration

Faculties:95

Students:10

2

25/06/2020

Tree Plantation Drive

Faculties:20

Students:10

3

15/08/2020

Fit India Program

Faculties:03

Students:25

4

24/09/2020

NSS day celebration video making competition

Faculties:03

Students:14

5

24/09/2020

NSS Orientation Program

Faculties:06

Students:149

6

```
02/10/2020
```

```
Celebration of Birth Anniversary Celebration of Mahatma Gandhi
```

```
Faculties:06
```

```
Students:135
```

```
7
```

```
11/10/2020
```

```
Workshop on UPSC and MPSC
```

```
Faculties:05
```

```
Students:195
```

```
8
```

```
26/10/2020
```

```
Celebration of Sardar Vallabhbhai Patel Jayanti National Unity
day
```

```
Faculties:06
```

```
Students:103
```

```
9
```

```
26/11/2020
```

```
Celebration of Indian Constitution Day
```

```
Faculties:05
```

```
Students:158
```

```
10
```

```
01/12/2020
```

```
Celebration of world AIDS day
```

```
Faculties:11
```

Students:332

11

12/01/2021

Celebration of Youth Day (Swami Vivekanand Jayanti)

Faculties:06

Students:42

12

31/01/2021

National Polio Immunization day

Faculties:02

Students:25

13

04/03/2021-10/03-2021

NSS Winter Special Camp

Faculties:08

Students:50

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

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

07

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

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

13

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	**No File Uploaded**

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

1218

File Description	Documents
Reports of the events	[View File](#)
Any additional information	**No File Uploaded**

3.7 - Collaboration

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

46

File Description	Documents
Copies of documents highlighting collaboration	[View File](#)
Any additional information	**No File Uploaded**

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

12

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

- Sanjivani College of Engineering, Kopargaon is one among the premier technical institutes in Maharashtra state in the un-aided sector. Established in 1983 by the Sanjivani Rural Educational Society under the charismatic leadership of Shri. Shankarrao G. Kolhe.
- Institute had its vision for social transformation and, upliftment of rural masses through education, training and research.
- The whole campus of institute is clean and green as well as safe and secure.
- The institute has constructed well-furnished infrastructure with ample Classrooms (with LCD projector facility), computer Center, well equipped laboratories, seminar halls and open auditorium.
- Amenities and facilities such as well-maintained lawn, ramp & lift facility, CCTV surveillance at all strategic locations, generator, Reverse Osmosis water purifier, canteen and mess are available.
- Institute is having T & P cell, Student Council, NSS, Grievance Redressal Cell, ICC, Anti-ragging committee, Students Grievance Cell, first aid facility, girls & boys common rooms, Well equipped gymkhana with sports facility of indoor and outdoor games, large play grounds, girls and boys hostels with good accommodation capacity.
- Institute has spacious and well-furnished library with reading room, digital library, reprography, e-journals, print journals.

- Institute believes in Periodical and Preventive Maintenance. A professional housekeeping agency has been hired to look after the cleanliness of the Institute.
- Proper checks, periodic inspection, review, grievances redressal, suggestion box, feedback from students, alumni, parents, do help in the up-keeping and maintaining the conducive learning environment of the campus.

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

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

Institute has well developed infrastructure that facilitates the needs of Curricular and co-curricular activities. Gymkhana built up area is 505.21 Sq. m. where as for weight training zone, built up area is 157.55 Sq. m. For Table Tennis the built up area is 60.88 Sq. m. Institute has two play grounds have area 13860 Sq. m. and 4000 Sq. m. Several multi gym equipments are available under Weight training zone and Cardio respiratory system. Indoor games facilities include chess, carom, Table tennis, Badminton, Weight lifting and Power lifting. Play grounds and courts are available for outdoor games such as Volleyball, Basketball, Baseball, Softball, Football, Kho-kho, Handball, Kabaddi and Lawn Tennis.

Sports facilities meet the requirements for the participation of students in inter collegiate, Inter Zonal, National level and All India Inter University tournaments.

Overall monitoring of various activities related to sports, gymnasium is done by a well-qualified Physical Director and his team. The department has a policy for repair and maintenance.

Institute has an open auditorium having seating capacity of 3000 persons. As per the guidelines of SPPU Pune, Institute forms Student Council every year. Main objectives of this Council are to improve academic, co-curricular, cultural and extracurricular activities, to develop leadership qualities, event management etc. As per the guidelines of SPPU Pune, NSS unit is formed looked after by Program Officer.

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

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

33

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

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

119.29

File Description	Documents
Upload audited utilization statements	**No File Uploaded**
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

The SCOE Library established in 1983. The institute has a well-equipped library with an integrated automation system installed through ERP. It is one of the important resources canters of the institute serving both. Students as well as the faculty of the Institute. The library has a varied collection comprising of books, technical reports, and periodicals. A large number of National and

International Print/Online Journals are subscribed covering all disciplines.

1 Carpet area of the Central library Total area-1096.35 sq. m 2) Spacious Reading hall. Working Hours of the Central Library DAY TIME Monday to Saturday 9.00 a.m. to 5.00 p.m. Library remains closed on every Sunday and National holidays. Special arrangement is made keep the Library reading hall open 24 hours on every day. The Library has a rich collection of books & e-books on Science, Engineering, Technology, Humanities, Social Sciences, Management and General. The collection in the Library includes Reference books, Bound Volumes of Journals, Thesis, Technical reports and special collection of books for Economically Backward Classes and Backward Classes students.

Library Resources:1)IEEE 2)ASCE 3)ASME 4)Elsevier 5)EBSCO-Mgt. 6)Springer 7)EBSCO-eBooks

Salient Features of Central Library:

* Open Access for Students and Staff

* Fully computerized library information systems

* Digital Library facility

* On-line Journals

* Internet facility

* Reprography facility

* Book Bank facility

* Day-night Reading Hall facility

* Spacious Reading Hall

* Institutional membership of IIT-Powai

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

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	B. Any 3 of the above

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

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

29.28

File Description	Documents
Audited statements of accounts	No File Uploaded
Any additional information	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 - Usage of library by teachers and students (footfalls and login data for online access)

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

534

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

4.3 - IT Infrastructure

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

Describe IT facilities including Wi-Fi with date and nature of updation within a maximum of 200 words

Institute has an IT Policy for staff and students which covers rules and guidelines about the appropriate use of hardware equipment, network and internet access. Users need to submit duly filled and signed undertaking (in prescribed format) before availing internet facilities. The central database of all the users is maintained and we register the MAC address in our firewall with user basic details and assign a dedicated unique IP address to user. Any user (staff or student) can get only one Wi-Fi and one wired LAN connection for his/her personal device (laptop/mobile). User cannot access unauthorized website or content. A Web security software having firewall content filter, web filter management is used to monitor illegal internet usage. Violating any rule regulations, user will abide to any suitable action taken by the authority. Using college Network, posting any message on social media which will harm the sentiments/feeling of any cast, religion, creed, sex etc. is strictly prohibited.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2976	879

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

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

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	E. None of the above

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

616.94

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

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

The institute has skilled staff for the maintenance of civil work, electrical work, gardening etc. Trained technicians are available to meet the power breakdown and to provide the adjustable power by means of electric generators. General electrical maintenance of classrooms, laboratories, lifts, hostels and other amenities is done by electrical maintenance department with monitoring of head of the department of respective department /section heads. Optimum use and maintenance of overall infrastructure is insured by water management, rainwater harvesting, e-waste management followed by energy audit, green audit, environmental audit.

- **Physical Facilities: Physical facilities are maintained by**

institution's civil maintenance section, electrical maintenance section and workshop. Services of plumbers, electrician, workshop workers are available during college hours. Electrical maintenance section is responsible for uninterrupted power supply and looks after the maintenance of solar panels, overall lighting, power distribution system, generator sets etc. Support staff of civil maintenance section is responsible for the maintenance of plumbing, sewage, drainage work. Maintenance and cleanliness of building, classrooms, seminar halls, tutorial rooms, staff cabins, corridors is done by the head of the respective department. Dean administration monitors cleaning and maintenance of other amenities. Outsourced services on annual contract basis are used for housekeeping.

- Classrooms, Furniture and Laboratories: Classrooms with furniture, teaching aids and laboratories are maintained by respective department staff; monitored by the respective head of department. Laboratory assistant looks after the maintenance of respective laboratories. Periodic reporting is done to the Director by Head of department about all maintenance of department. Minor repairs are registered in a ledger of the department and done on priority basis by respective maintenance section. Optimum usage of classrooms is looked upon by dean infrastructure and departmental staff and timetable incharge is responsible for the optimistic use of laboratories.

- Central library and library resources: Central Library is well equipped and is fully automated through OPAC ILMS viz. Sackinfo (version 2.5) with the best internet bandwidth which provides good internet speed. IP based access to e-publications is also available 24×7 throughout the campus. Stock verification is done at the end of every academic year after end semester examination. A provision of the budget for the library maintenance is made by the college management. The activities like fumigation and keeping the library clean is done frequently. Chief warden and team of rectors and clerks looks after the requirements and maintenance of civil, electrical and furniture in consultation with respective departments.

- Telephone: For better and quick communication, all departments, laboratories and support facilities are connected by intercoms and it is maintained by telephone exchange department.

- Lab equipment: Lab assistant, Lab incharge and respective staff are responsible for the maintenance of lab

equipment. Minor repairs ate done internally and for major identified repairs and maintenance help of external expertise is take with the permission of the director. Logbooks with entry of students, deadstock registers, consumable registers and maintenance registers are maintained by lab assistants of respective laboratories. High end equipment and high end servers and computers are maintained through Annual Maintenance Contract (AMC).

- Sports and games facilities: Sports facilities for Football, Cricket, Volleyball, Tennis, Basketball and Baseball are available for students. A High Standard Gymkhana is available for the health benefit of students. The sports department of the college is meritorious, and some credit goes to the adequate infrastructure of this department consisting of the well-equipped Indoor Hall. To promote student's interest in sports and cultural activities; at institute level there are different clubs like SAAZ, S-Steppers, Photography Club, Sanjivani Cinemas, and at department level there are professional Clubs like MESA, ACES, ETESA, ITERA, CESA. Sports equipment, fitness equipment, various courts and playgrounds are monitored and maintained by Physical Director and his team.

- Campus cleanliness: The campus is maintained hygienically clean with the help of outsourced contract with BVG India Ltd. Classrooms and laboratories and other amenities are cleaned at department level by a separate staff. The green cover of campus is well maintained by a full-time garden incharge and his team.

- IT Infrastructure: System department is responsible for the upkeep of computers, LAN, internet, Wi-Fi, CCTV and biometric facilities. Head, system department, in consultation with head of the departments, looks after maintenance of overall IT infrastructure. Institution's website is monitored and maintained by website incharge. All faculty members are provided an official mail id. Various software developed at institute level are maintained by concerned teams and other software used at departmental level are maintained by the corresponding technical assistants. Maintenance of CCTV cameras, high end servers and computers is done through Annual Maintenance Contract (AMC) or third-party vendor.

- Other amenities: A 24/7 functioning Security Guard system is available at the college premises to ensure the safety of students and staff. Security officer assigns the duty to the security guards to control and monitor the college

premises. **Fire safety provisions are made in the college buildings in terms of firefighting bucket stands at various locations, fire extinguishers kept at desired places and fire hydrant system. Monitoring and maintenance of fire safety measurements is the responsibility of Security incharge and his team.**

- **Write-off of equipment/computers: Lab assistant and Lab incharge identify lab equipment/computer to be written off and a report is sent to the director via head of the department. Based upon the remarks of a committee of technical experts and registrar; the equipment is granted for write-off.**

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

2482

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

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

05

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

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

File Description	Documents
Link to Institutional website	https://www.sanjivanicoe.org.in/index.php/student-zone/national-service-scheme
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

370

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

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

5.2 - Student Progression

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

526

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

5.2.2 - Number of outgoing students progressing to higher education

17

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

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

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

8

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

5.3 - Student Participation and Activities

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

01

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

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

Student Activities Council (SAC) functions at Institute level for the overall development of students including co-curricular and extra -curricular. The council is formed in the beginning of academic year through means of interviews from aspiring students. The formation of the council is governed by the guidelines of the affiliating University. The body thus formed comprises various posts like General Secretary, Cultural Secretary, Magazine Secretary, NSS Secretary, Sport Secretary and Ladies Representatives.

Once the council is formed, it finalizes various activities to be conducted for the entire Academic year. Budgetary requirements for the same are worked out and it gets approved from the management. To name a few such events; Teachers Day celebration, Music Night, Dance Night, Sanjivani Got Talent etc. Most of such programmes organized as part of the Annual Social Gathering are meant for enhancing the cultural talent of the students. Apart from in-house programmes, the SAC encourages and supports the students to participate in similar events organized at other colleges. The activities of SAC are audited under ISO 9001:2015 standards.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.sanjivanicoe.org.in/index.php/student-zone/sz-student-council

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

20

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

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

It gives me enormous pleasure to pen these lines for theSanjivani Alumni Association. As such, the association was formally launched for College of Engineering in the year 2002. Since then we have been organizing regular meetings of Alumni members at major cities like Mumbai, Delhi, Bangalore, Pune, Nashik etc. So far we could successfully organize two Mega Alumni meets at our campus, the first one in December2011followed by the one held in December2015. It is a matter of great pride that many of our Alumni are holding vital positions in reputed organizations of National and International repute. The mega get together could provide them an opportunity to recollect the reminiscences of their association with this institute.

With both the industrial sector andacademiafacing serious challenges these days, there has never been a more important time for the professionals to stay connected and keep updated on various developments. I am sure that our interactive association will serve this purpose.

I hope you will find theSanjivani Alumni Associationa valuable resource and support tool throughout your professional and personal life.

No of Enrolled Alumni: 18571

Sanjivani Alumni association is working for assembling the all (UG/PG) graduated students from Sanjivani Group of Institutions. Alumni association is registered under the department of Public Trust of Government of Maharashtra with registration no MAH/174/02/A.Nagar dated 08/03/2003. The association has following objectives:

To provide the platform for the alumni for better interaction and exchange of ideas.

To foster closer relationship among the members of association and to promote professional interest of members of association.

To invite experts from various fields' doe conducting guest lecture, seminar, workshop, gathering etc for overall development of students.

To use overall expertise of the alumni for the development of society.

To promote idea of self-employment and entrepreneurship among the students.

To take assistance of alumni for arranging the campus interviews, training and placement activities for students.

To arise and collect fund/donations for charity and utilize them for overall development of students.

To help needy persons from society by extending them financial assistance or technical assistance in terms of Engineering concepts.

To award the eminent personality in the alumni for outstanding performance in engineering.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alumni.sanjivani.org.in

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

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision: To Develop World Class Professionals through Quality Education.

Mission: To create Academic Excellence in the field of Engineering and Management through Education, Training and Research to improve quality of life of people.

The Vision and Mission of the Institute are lucid, coherent, and directed towards stakeholders' benefits. The vision is set taking into consideration the need for imparting academic excellence through innovative pedagogy, conducive environment for personal and professional development which compose the beneficiary to work socially responsible future managers, leaders, and entrepreneurs.

The Mission statement states the purpose of the department wherein developing learners to add value to society and nation-building. This is ought to be sought by using learner-centric teaching pedagogies, providing a learning environment to build managerial and entrepreneurial competencies, and endeavoring to develop socially responsible citizen

It is aimed to achieve through classroom and outdoor education,

training, and internship/dissertation which can give students an edge in the job market with a position for higher-earning roles with greater growth potential.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://www.sanjivanicoe.org.in/

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

Institution practices Decentralization and Participative Management. The success of an institution is the result of the combined efforts of all who work towards attaining the vision of the institution. The institution focuses keenly on decentralization by intending equal opportunity (equal role to participate in the functioning of the Institution. The decision will be made by Governing Body Academic Council and Directors disseminated through IQAC, various Deans, Academic Coordinators, and HODs. Continuous quality improvement is aimed at teaching-learning, research and development, community engagement, industry interaction, and HR management.

College Development Committee:

The college development committee has been formed as per the guidelines of the affiliating university to take decisions on the institute affairs in accordance with the policies decided by the governing body. This body has representatives of the management as well as experts from industries. With the Principal as its Ex-Officio member, the committee has representatives of the teaching and non-teaching staff.

Functions and Responsibilities :

1. Deciding policies for the overall development of the institute in accordance with the decisions of Governing body

2. Approval for starting new courses as per the guidelines of the competent authorities

3. Suggest welfare schemes for students and staff taking into account the overall development of the Institute.

4. Performing other functions which may deem fit for institute development and fulfilling of its objectives.

File Description	Documents
Upload strategic plan and deployment documents on the website	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://www.sanjivanicoe.org.in/index.php/student-zone/sz-college-development

6.2 - Strategy Development and Deployment

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

The Institute has a perspective plan for development. It is developed by Governing Body, in consultation with the College Development Committee, the Principal, and the Head of the department. To ensure the development of the Institute, all the planning and execution is monitored regularly.

Learning Management System (LMS) & E-Learning Resources

Learning Management System (LMS) & E-Learning Resources

Institute has developed LMS for the smooth conduction of online lectures, quizzes, Assignments. The syllabus, class notes, notices, practical write-ups are available on the LMS. A learning management system (LMS) is a software application for the administration, documentation, tracking, reporting, automation, and delivery of educational courses, training programs, or learning and development programs. Learning management systems may be used to create professionally structured course content. The teacher can add, text, images, videos, pdfs, tables, links and text formatting, interactive tests, slideshows, etc. Moreover, they can create different types of users, such as teachers, students, parents, visitors, and editors (hierarchies). It helps control which contains a student can access, track studying progress and engage student with contact tools. Teachers can manage courses and modules, enroll students or set up self-enrollment

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	http://18.235.169.74/lms/
Upload any additional information	**No File Uploaded**

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

The Institute has a perspective plan for development. It is also having well-set decision-making processes. Decisions made by Governing Body and Director who takes input from Academic Council are disseminated through IQAC, various Deans, Academic Coordinators, and HODs. Continuous quality improvement is aimed at teaching-learning, research and development, community engagement, industry interaction, and HR management.

File Description	Documents
Paste link to Organogram on the institution webpage	**Nil**
Upload any additional information	View File
Paste link for additional Information	**Nil**

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Welfare schemes available for staff are shown in the diagram given below.

· Provident Fund as per government norms.

· Promotions as per experience and qualification.

· Study Leave, Special Leave, Medical Leave, and other leaves.

· Higher study sponsorship

· Immediate loans up to 8 lakhs available at Tantrashikshan Sanjivani Karmchari Patsanstha (TSKPAT)

· Gratuity as per government norms

· Group medical Insurance of each employee with a family cover of 5 members up to Rs.150000

· Research incentive for publication of research papers, patents, articles, and case study in reputed journals.

· 50% tuition fees concession at Sanjivani Academy- A CBSE School, Kopargaon for children of the staff of Sanjivani Group of Institute.

· Sponsorship for STTP, FDP, Workshops & MDP

· Sponsorship to faculty in a faculty exchange program with the

University of Lethbridge Canada, Poznan University Poland, etc.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.sanjivanicoe.org.in/index.php/welfare-schem

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

13

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 programmes organized by the Institution for its teaching and non-teaching staff during the year

23

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

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

364

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

YES, Institute conducts External Audits regularly at the end of each financial year. External auditor is appointed by the parent trust who executes the statutory audit. It is audit of the final statements of a institute, i.e. Income and Expenditure Account and the balance sheet. The purpose of a statutory audit is to ensure that these accounts of the institute represent a fair and accurate

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

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

INR - 200,000

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

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

- **In the beginning of every academic year, the budget is prepared by various departments and sections in the**

- prescribed format as per the circular issued by the Director.
- Budget for the departments is prepared by concerned HODs, in consultation with the department laboratory in-charges and other faculty.
- Then it is sent to the Director. The departmental budgets are discussed by the Director at HOD's meeting and then sent to the management for approval. While preparing the institutional budget, at first, a provision is made for salaries and allowances. Next, a provision is made for administrative and maintenance expenses such as electricity, water, telephone, postage etc.
- Then, while making provisions for the departments, priorities, needs and requirements of various committees and development / up-gradation of department is considered. There are well-defined policies and mechanism for implementing the budget effectively.
- Then it is put up to the Governing Body for final approval. The sanctioned Budget is utilized for the proposed activities.

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

6.5 - Internal Quality Assurance System

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

Title of the best Practice I : In house Product Development

Objective of the Practice:

The main objective is to improve the technical and product developing skills of the students and to provide facility to society for their day to day activities.

The Context:

The Practice has been started by the institute

1. To find the real time problem definitions within institutes and society.

2. To provide the solution to complex problem.

3. To help the society in their daily activities.

4. To make students aware about the product development life cycle.

The Practice:

The institutes have organized and conducted the

1. Identify the problem from the third-party vendors.

2. By gathering the requirements from the third-party vendors.

3. Identifying the students and faculties from respective department to work on the said problem definitions.

4. By arranging the internal Program for gaining the skills required to develop the product.

5. Faculty will guide the students for the product development.

6. After completion of product, it will be hand-over to the third party and the team will look after the maintenance and other required help.

Evidence of The Success:

By conducting this practice students and faculty are developing small project and the project is being used by the third party. Due to this best practice the students have improved their product development skills and are ready to place in industry.

The Department on IT and Computer Engineering have developed "Learning Management System", a platform for Online Classes Conduction during the Pandemic situation for entire Sanjivani Group of Institutes.

On the same line Department of Information Technology has developed following products

1. Sanjivani Bus Pass Management System

2. Sanjivani stationary store management system

3. Library Management System

4. Exam form filling management system

5. Leaving certificate and Bonafied Management System

6. Sanjivani College Fees and Exam form management system

Department of Information Technology has developed following products

1. Sanjivani Content Management System

2. Students feedback Management System

3. Faculty Information Management System

Problem Encountered

At initial level facing problem in requirement gathering. Few students were not shown interest at initial level, but after counselling it raised.

Initially, students were not having that much technical knowledge and skills but after conducting the training sessions, the students have improved their skills.

Resource Required:

Students Counselling towards the importance of product development and skill required for the same.

Interaction among the team and third-party vendors.

The required infrastructure and tools for completion of product.

Title of the best Practice II: SAP Training Program

Objective of the Practice:

The main objective is to include add-in advantage to students

for learning new Technology by gaining Global Certification for future placement.

The Context:

The Practice has been started by the institute to all department students

1. To improve the Technical Skills of the students

2. To get certified Globally by completing the Certification

3. To get ready for Placement Activity after completion of Course

The Practice:

The institutes have organized and conducted the activity by

1. By signing MoU with one of the Education Partner Primus Tech Systems, Pune.

2. Organizing the Orientation Talk, Technical Sessions for different modules for registered students.

3. By providing 200 hours Module Training.

4. By providing In-house Internship to the students.

5. By providing access to SAP Server log-On for practicing Practical Assignments.

Evidence of The Success:

1. Completion of SAP Global Certification which is valid globally.

2. Good opportunities in IT Industry for the placement activity

Problem Encountered

NA

Resource Required:

1. Students Counseling for registration

2. Specifically Windows Systems Required

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

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

1. Learning Management System (LMS) & E-Learning Resources

Institute has developed LMS for the smooth conduction of online lectures, quizzes, Assignments. The syllabus, class notes, notices, practical write-ups are available on the LMS.

2. Information & Communications Technology(ICT) enabled teaching methodologies and advanced technology are being followed by the faculty members in classrooms.

- **All the classrooms are well equipped with internet-enabled computer systems and LCD projectors.**
- **Faculty members effectively use Audio-Visual aids to demonstrate the concepts to the students using the resources from National Program on Technology Enhanced Learning (NPTEL) to enhance the learning experience.**
- **The electronic resources like NPTEL videos, Spoken Tutorial, and the digital library is available**
- **Online quizzes are conducted on LMS**
- **Assignments are given to students and students upload their answers to assignments on LMS**
- **Online attendance is marked on LMS**
- **A sufficient number of books, journals, e-journals and e-books are available in the library.**
- **The research journals are available online and a facility for accessing these journals is provided through a proxy server inthe campus.**
- **Emails, What's App group, Zoom and Google classrooms are used as platforms to communicate, provide material and syllabus, make announcements, conduct tests, upload assignments and marks, make presentations, address queries, mentor, and share information.**

- **Internet and Wi-fi facility is made available to students free of cost all over the campus to access information and students are encouraged to carry and use mobile phones.**
- **Xerox facility is also provided.**

Collaboration with IIT-Bombay (Nodal centre) Knowledge centre, Workshop

- **conducted on virtual lab, spoken tutorial. Promote students to go for online certification courses**
- **e-Yantra Lab: Robotics Laboratory in association with IIT, Mumbai**
- **Collaboration with Coursera certified courses**
- **IGTR Aurangabad training, Udemy.com online courses.**

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	**A. Any 4 or all of the above**

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

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Specific facilities provided for women in terms of:

Safety and Security

- Well trained and vigilant security guards are available across the campus.
- Security check points along with sanitization facility at all the entry points available.
- Rotational duty by all the faculty members for discipline across the campus.
- Strict implementation of Anti -Ragging committee.
- Various awareness campaigns by NSS for Yoga Day celebration, Tree Plantation, Fit India Program, Indian Constitution Day, Course on Constitution for awareness.
- Separate hostel facility for men and women with all the facilities available.
- The most preferred destination for education based on stakeholder's feedback.
- Eco friendly campus with green environment and wi-fi facility, reading room and well-furnished library and E-library.

Counselling

- Formal and informal counselling for male and female students and staff member for academic supports and other issues and problems faced.
- Various committees are available for counselling both male and female students at various levels.
- Grievance Redressal Committees for students and staff.
- Equal rights and opportunities for development of male and female students.
- Entrepreneurship development cell for promotion of young entrepreneurs. Providing seed funds to innovative projects.
- Training and Development cell for various industry-oriented training.
- Alumni association for placement and industry institute interaction.
- Entrance exam counselling and career counselling cell for

students

Common Rooms:

- **In most of the Departments, common rooms have been allocated for men and women, which also facilitate meetings and discussions.**

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

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	**A. Any 4 or All of the above**

File Description	Documents
Geotagged Photographs	<u>View File</u>
Any other relevant information	**No File Uploaded**

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

- **Solid waste management: Daily garbage is collected by BVG personnel and handed over to authorized personnel for further processing. Manure is used for the purpose of herbal garden as well as for planted tree.Efforts have taken to produce compost manure from the canteen solid waste and waste from other sources.**
- **Liquid waste management: The liquid from hostel, toilets and staff quarters and waste chemicals mixed water from laboratory passes through concealed pipeline and send to wastewater treatmeent plant in the campus. Treated wastewater is recycled for watering trees or non-potable usage.**
- **Biomedical waste management: Institute does not conduct any such experiments by which biomedical waste gets generated.**
- **E-waste management: E-waste is mainly the computer and its**

- hardware, electronic equipment, meters etc. The E-waste collected is stored in store room and disposed every year accordingly.
- **Hazardous chemicals and radioactive waste management:** Institute does not conduct any such experiments by which hazardous waste gets generated.
- **Waste recycling system:**The waste foodplantpurchased fromThermax Pvtltd, Puneof capacity200Kg/daywith costRs. 6 lacks.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	**A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways** 4. **Ban on use of plastic** 5. **Landscaping**	**D. Any 1of the above**

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**A. Any 4 or all of the above**

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human	**C. Any 2 of the above**

assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

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

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

Sanjivani College of Engineering has taken various initiatives in the form of celebration of days of Eminent personalities National Festivals, NSS and other such activities to provide for an inclusive environment by bringing students and teachers with diverse background on single platform for creating inclusive environment, these functions help in developing tolerance harmony towards culture, region and linguistics and also communal social economics and other diversities. Convocation ceremony is conducted every year, where the convocation address is delivered to inspire and motivate the students for future journey. Two important national festivals, Republic Day and Independent Day are celebrated every year in the college campus. The inspiring speeches are conducted.

Every year Gandhi Jayanti on 2nd October, Ambedkar Jayanti on 14th April, Teachers Day on 5th September, Yoga Day on 21st June, Independent day on 15th August, Republic Day on 26th January, Engineering Day on 15th September, NSS day on 24th September, Women's Day on 18th March, World environmental day on 5th June is celebrated.

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

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

3rd International Yoga Day Celebration Tree Plantation Drive Fit India Program NSS day celebration video making competition NSS Orientation Program Celebration of Birth Anniversary of Mahatma Gandhi Workshop on UPSC and MPSC Celebration of Sardar Vallabhbhai Patel Jayanti National Unity day Celebration of Indian Constitution Day Celebration of world AIDS day Celebration of Youth Day (Swami Vivekanand Jayanti) National Polio Immunization Day NSS Winter Special Camp

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

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	**D. Any 1 of the above**

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

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

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Event/Days/Festival

Date

Shiv Jayanti

19/02/2021

Savitribai Phule

03/01/2021

Karmvir Bhaurao Patil Jayanti

22-09-2020

Lala Lajpat Rai Jayanti

28-01-2021

Constitution Day

26-11-2020

NetajiSubhas Chandra Bose Jayanti

23-01-2021

swami Vivekananda Jayanti

12-01-2021

Sarvepalli Radhakrishnan Jayanti

05-09-2020
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File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

https://sanjivanicoe.org.in/images/pdf/naac/Best%20PracticeS.pdf

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

1. state of the art infrastructure, well equipped laboratories, and Wi-Fi campus with a broadband capacity of 500Mbps speed and qualified experienced faculty members and staff.
2. A separate training and placement department ,Institute has foreign collaborations with foreign universities.
3. The institute has received many prestigious awards such as "Best college award" from Savitribai Phule Pune University in 2015, "Brand Excellence Award" from leading Newspaper Lokmat in the year 2016, Outstanding Engineering Institute West award by Karnataka leading Newspaper VIJAYAVANI in the year 2016, Magazine award continuously 4th time by Savitribai Phule Pune University, 56th all India rank in the survey of Outlook magazine in June 2016. The institute is ISO 9001-2015 Certified and received academic autonomy from University Grant Commission (UGC) from the academic

year 2019-20

4. SANJIVANI MY STORY BOARD
5. SANJIVANI I-Connect Lecture series-A series of talk is arranged; top executives are invited from the industry. Sanjivani Rural education society's College of Engineering, Kopargaon has been approved as a RESOURCE Centre for the Spoken Tutorials promoted by IIT, Bombay in association with Ministry of Human Resource Development, Govt. of India part of National Mission on Education through ICT(NMEICT).

File Description	Documents
Appropriate link in the institutional website	https://sanjivanicoe.org.in/images/pdf/naac/Institutional_Distinctiveness.pdf
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. Enhancement of the Consultancy services on various projects.
2. To enhance the Involvement of industry professionals.
3. To register Patents
4. Funded research projects with collaboration of government and private organizations.
5. Collaboration with reputed industries as well Small-Scale Industries.
6. Tie-ups with National and International Educational Institutes.
7. Faculty Qualification Improvement
8. Enhancing Soft-skills, Aptitude Skills and Technical skills of the students
9. Improve Alumni Interaction through which students will get benefit of placement as well as knowledge will be update about working platform in industry.
10. Pre-Placement Activities: We are planning to conduct a activities for all students so that it will help them to get place in reputed company.
11. We have plan to establish Entrepreneur development cell (EDC) cell
12. To establish innovation, incubation and product development cell