YEARLY STATUS REPORT - 2021-2022

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 Gulabsing**
• Designation	**Director**
• Does the institution function from its own campus?	**Yes**
• Phone No. of the Principal	**9130191301**
• Alternate phone No.	**8975800800**
• Mobile No. (Principal)	**9423466888**
• Registered e-mail ID (Principal)	**principalcoe@sanjivani.org.in**
• Address	**At. Sahajanandnagar, PO Shingnapur**
• City/Town	**Kopargaon**
• 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.	**9130191301**
• 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%202020-21.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%202021-22.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
Nil	**Nil**	**Nil**	**Nil**	**Nil**

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	**03**

• 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 stakeholders has been taken on various Institutional processes to ensure quality. Capsule courses were conducted in all departments, particularly on emerging technology. Industrial visits and intern-ship are promoted for both students and faculty. Training by professional agencies was 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 HEI
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 316 students registered for SAP modules. 115 students got placed through SAP

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	11/04/2022

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2021-2022	16/01/2023

15.Multidisciplinary / interdisciplinary

As the institute is autonomous, the freedom of academic autonomy has been exercised in making the curriculum attain multidiscplinary an d interdisciplinary flavoured. Every department offers a set of open electives to serve this.

For example courses like Artificial Intelligence, Python Programing Industrial Safety etc. are offered in which enrollments are permitted from students of multiple disciplinaries. In addition to this B. Tech honors programs are also offered with different specialisations like Data Science, Embeded Systems, Industrial Automation, Infrastructural Engineering etc. In thr honors/minor degree programs the students expected to earn additional 18-20 credits in four semester in addition to their regular curriculum. Few courses are introduced for all the programs like Intellectual property Rights and Enterpreunership development, Creational activities, Corporate readiness etc. In tune with the AICTE initiative of promoting Universal human values, a precredit course has been introduced across all disciplines at the second year level of undergraduate program.

16.Academic bank of credits (ABC):

Institute has successfully registered on Academic Bank of Credits and creating individual student credentials on ABC is in progress.

17.Skill development:

Institute as well as individual department organised various Expert sessions, workshops and conventions to enhance students skill.

Such as Civil Engineering department oragnised One day workshop on topic "Microsoft Projects(MSP)" , AutoCad and Introduction to 3ds Max, + Vray and Lumion for Faculty and Students". Also organised expert talk on topics "Construction of Tunnel and Safety Constraints", Application of Building Information Modeling in Construction Project.

Structural Engineering department organised "Structural

Convention-2022", involving Bridge Model Making competition, paper/ poster competition, Also arranged Expert talk on topic "Cold formed steel structures and Two days workshop on topic Know Concrete and its failure. Auto Cad training and MD Solid training for students.

Similar programs are offered by all the departments, under the banner of different associations and professional societys.

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

In the academic year 2021-2022, no significant headways could be achieved in this. But it is under consideration and certain initiatives will be taken in near future.

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

The institute has been taking effective steps in creating OBE awareness among the faculty. In the academic year 2021-2022 senior faculty members from all departments had undergone training sessions by experts in the field of OBE. After gaining knowledge on the various aspects of OBE, those faculty conducted training programs for their department colleagues in the begining of the academic year 2021-2022.

In addition to this faculty are encouraged to register for different courses on OBE conducted by NPTEL, NITTTR etc. The OBE flavoured is incorporated in curriculum development, question paper setting, evaluation and attainment calculations.

20.Distance education/online education:

In house developed Learning Management System successfully implemented facilitating effective teaching learning. Through same LMS system faculties delivers online lecture to students.

Institute as well as departments also organised number of online training programmes for students and faculties.

As an example, Mechanical Engineering department organised National level One weelk Faculty development program (FDP) entitled " Research Opportunities in Vibration Engineering".

Extended Profile

1.Programme

1.1   **19**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1   **3274**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2   **781**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3   **3239**

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   **596**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2   **161**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	19

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	3274

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	781

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:	3239

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	596

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**161**
Number of full-time teachers during the year:	

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

3.3	**181**
Number of sanctioned posts for the year:	

4.Institution

4.1	**402**
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	**34**
Total number of Classrooms and Seminar halls	

4.3	**1012**
Total number of computers on campus for academic purposes	

4.4	**1624.93**
Total expenditure, excluding salary, during the year (INR in Lakhs):	

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 procedure for curricula developed and implemented is attached in the form of attachment.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	**Nil**

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

9

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

56

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	**No File Uploaded**
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

213

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

9

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

1.3 - Curriculum Enrichment

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

The response is attached in the form of attachment.

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

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

27

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

3398

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

1000

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/Students%20Satisfaction%20Survey%202021-22.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/Students%20Satisfaction%20Survey%202021-22.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

759

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)

363

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.

For the newly joined students, an induction program is arranged at the start of the first semester. In this induction program, the students get familiar with the institute, department, curricular and co-curricular activities, various facilities, scholarships, rules and regulations etc.

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. Mentor meetings areconducted to 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 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 of his mentee and tries to improve it with counselling and appropriate measures.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2022	3364	190

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:

To develop various skill sets, an effective platform is provided by the institute for all the students. The institute helps students to enhance the lifelong learning skills through student centric methods.

   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.
- Various certificate courses help them to gain expertise like IGTR /Microsoft

   1. 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:

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

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

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.**

Link for webpage describing ICT enabled tools: 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	Video Lectures (sanjivanicoe.org.in)
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

136

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	No File Uploaded

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/ Dean Academics 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.**
- **Time table and academic calendar are given to students at the time of reporting.**

Teaching Plan

- The detailed teaching plan is prepared according to course contents by each faculty before start of the semester.
- The teaching plan comprises of contents like learning aid and methodology, faculty approach and course outcomes.
- This enables the students to know the course-wise schedule and the content to be learnt in each lecture..

Laboratory Schedule

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

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

190

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	**No File Uploaded**
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

61

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	View File

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

1925

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

75

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

3

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

Response:

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 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.**

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

2.6 - Student Performance and Learning Outcomes

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

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. College follows the outcome-based education (OBE) from 2016. 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**

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.

In all the interactions with the students, awareness on POs, PSOs

and COs is consciously promoted.

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

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	View File
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

846

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	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://sanjivanicoe.org.in/images/pdf/naac/Students%20Satisfaction%20Survey%202021-22.pdf

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 is divided in two parts.

1. Utilization of R&D Budjet. (w.e.f. 2021-22)
2. Policy for R&D contribution by faculty. (w.e.f. 2021-22)

In part 1 following parts are covered;

1.Filing of IPR (Copyrights and Patents)

2.A research paper published by faculty.

3.Travel grant for paper publication abroad.

4.Funded research projects completed by the faculty.

5.Research based product developed by faculty

6.Inhouse products developed by the faculty

7.Students' projects have some research contribution or innovation

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

9.Expert lectures, workshops organized exclusively for research activities

10.Innovation/research clubs at department level

In part -2 following parts are covered;

1. For Professor, Associate Profefssor, and Assistant Professor major responsibilities are framed related to one research paper in SCI/ESCI/SCOPUS Indexed Journals OR Consultancy of Rs. 50,000/- (per year). One research proposal submitted to any government funding agency OR One Patent filed.One research proposal submitted to ASPIRE scheme of SPPU. Product Development/Instructional materials.

This Research policy is circulated and uploded on website.

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	https://www.sanjivanicoe.org.in/images/pdf /naac/Research%20Promotion%20Policy.pdf
Any additional information	No File Uploaded

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

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

2.90

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
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

Nil

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

Nil

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	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

0

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

4

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	No File Uploaded
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

0

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

3.3 - Innovation Ecosystem

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

Institution has created an acosystem for innovastions and creation and transfer of knowlwdge. Following are the dedicated center available in institute;

1. **PhD Research Centre in Civil Engineering, Savitribai Phule Pune University, Pune**
2. **PhD Research Centre in Electronics & Telecommunication Engineering, Savitribai Phule Pune University, Pune**
3. **PhD Research Centre inDepartment of Mechanical Engineering, Savitribai Phule Pune University, Pune**
4. **PhD Research Centre in Computer Engineering, Savitribai Phule Pune University, Pune**
5. **EDP Cell – Entrepreneur Development Cell**
6. **Incubation Centre**
7. **Training And Development Cell**
8. **Departmental Associations**

File Description	Documents
Upload any additional information	*View File*
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

11

File Description	Documents
Report of the events	**No File Uploaded**
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

10

File Description	Documents
URL to the research page on HEI website	**Nil**
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

215

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

73

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

2497

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

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

39

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

3.5 - Consultancy

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

6.52775

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

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

0

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

Every year Institution organised and conduct various extention activities in neighbourhood sensitising students to social issues for their holistic development. The list of such acitivities are given below;

1

Workshop on YOGA and its Importance

2

Blood Donation Camp

3

Tree Plantation Drive at College Road

4

Workshop on Menstrual Health and Hygiene for girls

5

Celebration of International Youth day and AIDS Awareness

6

Celebration of "Swachata Pakhwada"

7

Fit India Run

8

Guest Lecture of Social Worker Rutuja Jave

9

NSS Orientation Program

10

Mega Vaccination Drive I

11

Mega Vaccination Drive II

12

Guest lecture and Reading of Pledge of Indian Constitution (Indian Constitution Day)

13

NSS Day and Plastic Free Fort at Ankai

14

AIDS Day celebration

15

Consumer Guidance Program

16

Youth Week Celebration

17

NSS Special winter camp

18

NSS "Gaurav Sohla"

19

International Yoga Day Celebration

20

Tree Plantation Drive

21

Fit India Program

22

NSS day celebration video making competition

23

NSS Orientation Program

24

Celebration of Birth Anniversary Celebration of Mahatma Gandhi

25

Workshop on UPSC and MPSC

26

Celebration of Sardar Vallabhbhai Patel Jayanti National Unity day

27

Celebration of Indian Constitution Day

28

Celebration of world AIDS day

29

Celebration of Youth Day (Swami Vivekanand Jayanti)

30

National Polio Immunization day

31

NSS Winter Special Camp

File Description	Documents
Upload any additional information	No File Uploaded
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

22

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

30

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

2470

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

320

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)

14

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	**No File Uploaded**
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.

Adequacy of facilities for Teaching and learning:

- **One of the top technical colleges in Maharashtra State's unaided sector is Sanjivani College of Engineering, Kopargaon. The Sanjivani Rural Educational Society led by the charismatic Shri. Shankarrao G. Kolhe, founded it in 1983. Institute had its vision for social transformation and, upliftment of rural masses through education, training and research.**
- **The institute has built a well-equipped infrastructure with plenty of classrooms (each with an LCD projector), a computer center, well-equipped laboratories, seminar rooms, and an open auditorium.**
- **Facilities and amenities including a well-kept lawn, a ramp and lift, CCTV surveillance at key places, a generator, a reverse osmosis water filter, a canteen, and a mess are provided.**
- **The institution has a T&P Cell, Student Council, NSS, Grievance Redressal Cell, ICC, Anti-Ragging Committee, Students Grievance Cell, First Aid Facility, Common Rooms, and more. Large play areas, a well-equipped gymkhana with sporting facilities for indoor and outdoor games, and boys' and girls' hostels.**
- **The library of the institute is large and nicely furnished. It includes a reading room, a digital library, reprography, e-journals, and print journals.**
- **The Institute supports routine maintenance and preventative measures. To maintain the Institute's cleanliness, a**

reputable housekeeping service has been retained.

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.)

Adequacy of Institutional facilities for cultural activities, Yoga, and Sports and Games:

Institute has well developed infrastructure that facilitates the needs of Curricular and co-curricular activities. Gymkhana built up area is 505.21 Sq. m. whereas 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 equipment's 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.

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.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	**No File Uploaded**
Paste link for additional information	**Nil**

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

46

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

104.40

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

4.2 - Library as a Learning Resource

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

- **Name of the ILMS software: Sack Info**
- **Nature of automation (full or partial): Fully**
- **Version: 2.5**
- **Year of automation: 2015**

Present a write-up within a maximum of 200 words.

In 1983, the SCOE Library was established. The college's library is well-equipped and includes an integrated automation system that was installed using ERP. It is one of the crucial institute resources that serves both Students as well as the faculty of the Institute. The library's collection is diverse and includes books, technical reports, and magazines. All disciplines are represented by a large subscription list of national and international print and online journals.

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 6.00 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	No File Uploaded
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	No File Uploaded

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

34.17

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

683

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

4.3 - IT Infrastructure

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

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
3090	990

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	E. None of the above

software for editing

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

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)

662.05

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

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

Usage and maintanance of Physical, Academic and Support facilities:

Details are uploaded.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	<u>http://sanjivanicoe.org.in/images/pdf/naac/Maintaining%20and%20utilizing%20physical,%20academic%20and%20Support%20facilities%2012-Nov-2022%2016-56-26.pdf</u>

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

2874

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

24

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

384

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)	<u>View File</u>

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	<u>View File</u>
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

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

599

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

5.2.2 - Number of outgoing students progressing to higher education

09

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

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

08

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

03

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

21

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

The alumni 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. 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:

1. **To provide the platform for the alumni for better interaction and exchange of ideas.**
2. **To foster closer relationship among the members of association and to promote professional interest of members of association.**
3. **To invite experts from various fields' doe conducting guest lecture, seminar, workshop, gathering etc for overall development of students.**
4. **To use overall expertise of the alumni for the development of society.**
5. **To promote idea of self-employment and entrepreneurship among the students.**
6. **To take assistance of alumni for arranging the campus interviews, training and placement activities for students.**
7. **To arise and collect fund/donations for charity and utilize them for overall development of students.**
8. **To help needy persons from society by extending them financial assistance or technical assistance in terms of Engineering concepts.**
9. **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

Sanjivani Rural Education Society's Sanjivani College of Engineering, established in 1983 under the charismatic leadership of Late Honorable Shri. Shankarrao G. Kolhe, and current Managing Trustee Shri. Amit Nitinrao Kolhe the Institute had its vision for social transformation and upliftment of rural masses through education, training, skill development, and research.

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 the 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 professionals, managers, leaders, and entrepreneurs and importantly socially responsible citizens of this country.

The Mission statement states the purpose of the department wherein develop 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 professional, managerial and entrepreneurial competencies, and endeavoring to develop socially responsible citizen.

It is aimed to achieve through classroom and outdoor education through industrial visit, live projects, seminar, workshops and conferences, 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/index.php/student-zone/sz-college-development

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

The participative management of Sanjivani College of Engineering believes in decentralized leadership at every level of administration and a robust structure has been established to sustain and improve the quality of education.

1. GOVERNING BODY (GB)

Governing body is the apex body of the Institute, which is constituted by the parent trust Sanjivani Rural Education Society. The Governing Body of the college has, inter alia, members drawn from the industry, affiliating University and experts from academic field. The Governing Body gives direction to the college management.

2. COLLEGE DEVELOPMENT COMMITTEE: -

The College Development Committee, as shown in Table 10.2, is formed at the college level for the overall development of the institute.

3. ACADEMIC COUNCIL

Academic Council reviews and approves the proposals related to academic activities, Academic Plan and Implementation of Institutional reforms.

4. DIRECTOR

Reporting only to the top Management (Chairman, Executive trustee, Managing Trustee and Secretary) of the institute and assisting them in the following functions of the institute.

5. REGISTRAR

A registrar is a senior administrative executive within an academic institution who oversees the management and leadership of the Registrar's Office.

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

Describe any one activity/practice successfully implemented based on the institution's strategic plan (within a maximum of 200 words).

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

The perspective plan has holistic considerations consisting of students, faculty members, non-teaching staff, parents, Industry, Alumni and other stakeholders.

For example, we can consider this a successful case: to achieve end result i.e., good placement or startups, all the activities and processes are strategically aligned with the help of decision makers. responsible Head of departments and Deans are taking decentralized decisions to achieve strategic objectives. Faculty and students are more empowered for practical learning with the help of Industry, parents, Alumni and other stakeholders' input by way of live projects, summer internships projects, workshops, seminar, conferences, project competitions, industry visit and research, alumni talk etc.

These activities help students to learn and implement classroom learning in the practical world to solve industry and society problems.

To monitor all the activities, we have long term as well as short term planning and monitoring by respective Dean appointed in Academic, Students development, Administrative, International connect, Entrepreneurship development, Exam etc. All these activities are monitored and controlled by respective Head of Department also and regularly cross checked by IQAC members as internal and external audit.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://sanjivanicoe.org.in/images/pdf/Sanjivani_Brochure.pdf
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 also has well-set decision-making processes. Decisions made by the Governing Body and Director who take input from the Academic Council are disseminated through IQAC, various Deans, Academic Coordinator, and HODs. Continuous quality improvement is aimed at teaching-learning, research and development, community engagement, industry interaction, and Human Resource management.

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

File Description	Documents
Paste link to Organogram on the institution webpage	**Nil**
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

6.2.3 - Implementation of e-governance in	**A. All of the above**

areas of operation: Administration Finance and Accounts Student Admission and Support Examination	

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	[View File](#)

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 University of Lethbridge Canada, Poznan University Poland, etc.

- Staff Welfare fund (SWF)

- Awards

- Online courses fee reimbursement (NPTEL)

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

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

12

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)	<u>View File</u>

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<u>View File</u>
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.)

207

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

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 an 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 picture of the institute current financial position on the date of the balance sheet.

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)

350000

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 the department is considered. There are well-defined policies and mechanisms 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)

The IQAC Committee includes all stakeholders of the Institute, i.e., students, alumni, all Department and Section Heads also including the Library, Sports, Students Hostel, Examination

- Evaluation, co-curricular and extra-curricular activities, members of the Management and Administration, and members of local community and industry experts.

- Outcomes of IQAC Activities

  Teaching-Learning system: good participation of students in offline learning (smooth transition of online learning to offline learning)

- Improved Continuous Evaluation & Assessment in offline mode

- Development of Confidence and liveliness among students post Pandemic by conducting fun activities for practical learning

- Developed Awareness for quality research projects among students, faculty and industry stakeholders

- Conducted various programmes for Startup under Entrepreneurship Development Cell

- Encouraged and Facilitated students to participate in technical and non-technical activities

- Organized various programmes for students, faculty, parents and other industry stakeholders to develop industry ready thought processes among them.

- Revision in curriculum with inputs from internal and external stakeholders

- Signing MOU at national and international academic and industry bodies which resulted in scholarship for higher education in foreign institutions, quality internships, live projects, good

- placements and startups

File Description	Documents
Upload any additional information	[View File](#)
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

Teaching Learning Process

Every year the Academic Dean prepares an academic calendar along with that faculty also prepares a teaching plan which is useful in making teaching more effective. College conducts various innovative internal assessments which help in monitoring the teaching learning process. For holistic development of students in every academic session every department organizes guest lectures, seminars, workshops, industrial visits, competitions. Faculty encourages them to participate in seminar completion, workshops which are organized by the other colleges.

Some of the key important points of Teaching learning process are as follows

- **Student-centric approach of teaching pedagogies such as experiential learning, participative learning and problem-solving methodologies which helps in developing students to various experiences and real-life scenarios:**

Role of IQAC in Teaching Learning Process

IQAC is playing a very important role in developing quality Teaching Learning Process in the institute. Every year IQAC conducts various workshops, seminars and conferences to improvise quality in Teaching Learning Process of students and faculty members.

IQAC conducts bi-annual (pre and post semester) internal audits of these documents and practices to understand the compliance by respective stakeholders and guides them if there is any deviation.

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)	**B. Any 3 of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	https://sanjivanicoe.org.in/index.php/naac-record
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

For the development of girl students different events are specially organized for them. As Sportshelps to control diabetes, manage weight, enhance blood circulation, and manage levels of stress. With the same objective the foot cricket event is organized for the girl students on 8th march 2022 by Department of Structural Engineering. Poster competition on any theme related to Women's Day is organized for the girl students by Department of Electrical Engineering. As A healthy woman means a healthy family as today's woman is sharing the responsibilities in the household as well as at the workplace equally. Dr. Niteen Ghorpade has

guided the girl student about maintaining health and various aspects related to aspects. Talk shows consist of evolving episodes that focus on differing perspectives in respect to important issues in society, politics, religion or other popular areas. Department of Structural Engineering organized talk show for the girl students by calling the woman experts from different areas like medical, industry, and government, to discuss various things and motivate the students. Institute has security guards and also CCTV. Counselling through mentor scheme for male and female students conducted regularly in institute and sufficient and well maintain common rooms have been allocated.

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

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

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	No File Uploaded

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

- Solid waste is collected daily from various sources and is separated assolid and wet waste. Colour coded dustbins such as Green for wet and blue for solid waste are used. Waste material like plastic, papers etc. are collected and sold out to scrap vendor from time to time. Daily garbage is collected by BVG personnel and handed over to authorized personnel for further processing. Compost manure is produced from the canteen solid waste and waste from other sources. Manure is used for the purpose of herbal garden as well or for planted tree.
- Liquid waste management: The waste chemicals mixed water from laboratory passes through concealed pipe line into soak

> pit & recycled water is used for the watering trees or non-potable usage.

- **E-waste management:** E-waste such as the computer and its hardware, electronic equipment, meters etc. is collected and stored in store room and disposed every year accordingly. Empty toners, cartridges, outdated computers, and electronic items are sold as scrap to ensure their safe recycling. Old monitors and CPUs are repaired by our technician and reused.
- **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	<u>View File</u>
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	<u>View File</u>
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**	**C. Any 2 of the above**

File Description	Documents
Geotagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	**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**	C. Any 2 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 assistance,	C. Any 2 of the above

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 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, Independence Day on 15th August, Republic Day on 26th January, Engineer's Day on 15th September, NSS day on 24th September, Women's Day on 8th March, World environmental day on 5th June is celebrated. Annual social gathering is also organised.

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

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations:

values, rights, duties and responsibilities of citizens:

Sr. No.

Type of Event

Date

Topic

1

Workshop

18th to 21st /06/2021

YOGA and its Importance

2

Interactive Activity

22/07/2021

Blood Donation Camp

3

Interactive Activity

25/07/2021

Tree Plantation Drive at College Road

4

Workshop

3rd to 5th /08/2021

Menstrual Health and Hygiene for girls

5

Interactive Activity

12/08/2021

Celebration of International Youth day and AIDS Awareness

6

Interactive Activity

13/08/2021

Celebration of "Swachata Pakhwada"

7

Interactive Activity

25/08/2021

Fit India Run

8

Guest Lecture

02/09/2021

Guest Lecture of Social Worker Rutuja Jave

9

Workshop

24/09/2021

NSS Orientation Program

10

Interactive Activity

14/10/2021

Mega Vaccination Drive I

11

Interactive Activity

30/10/2021

Mega Vaccination Drive II

12

Guest Lecture

26/11/2021

Guest lecture and Reading of Pledge of Indian Constitution (Indian Constitution Day)

13

Interactive Activity

26/11/2021

NSS Day and Plastic Free Fort at Ankai

14

Interactive Activity

01/12/2021

AIDS Day celebration

15

Interactive Activity

28/12/2021

Consumer Guidance Program

16

Interactive Activity

15/01/2022

Youth Week Celebration

17

Workshop

01-07/02/2022

NSS Special winter camp

18

Interactive Activity

11/03/2022

NSS "Gaurav Sohla"

19

Interactive Activity

12/04/2021

Celebration of Birth Anniversary of Mahatma Jyotiba Phule

20

Interactive Activity

14/04/2021

Celebration of Birth Anniversary of Dr. Babasaheb Ambedkar

21

Interactive Activity

05/09/2021

Celebration of Birth Anniversary of Dr. Sarvepalli Radhakrishnan-
Teachers Day

22

Interactive Activity

22/09/2021

Celebration of Birth Anniversary of Karmavir Bhaurao Patil

23

Interactive Activity

02/10/2021

Celebration of Birth Anniversary of Mahatma Gandhi

24

Interactive Activity

15/10/2021

Celebration of Birth Anniversary of Dr. APJ Abdul Kalam

25

Interactive Activity

26/10/2021

Celebration of Constitution Day

26

Interactive Activity

03/01/2022

Celebration of Birth Anniversary of Savitribai Phule

27

Mandatory Course

Constitution of India

28

Mandatory Course

Universal Human Values

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

Sanjivani College of Engineering has taken various initiatives to celebrates / organizes national and international commemorative days, events and festivals. Two important national festivals, Republic Day and Independent Day are celebrated every year in the college campus. Teachers Day on 5th September, Independence Day on 15th August, Republic Day on 26th January, Engineer's Day on 15th September, Women's Day on 8th March, World environmental day on 5th June is celebrated.

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

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%20202
1-22.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)

Sanjivani College of Engineering (An Autonomous Institute), Kopargaon is one among the premier technical institutes in Maharashtra state in the un-aided sector established in 1983. The Institute has its vision for social transformation and, upliftment of rural masses through education, training, and research. There are ten programmes offered by the institute, and eligible programs are NBA-accredited. The Institute is accredited with "A" grade by NAAC. Numerous prestigious awards have been given to the institution, including the "Best College Award", the "Brand Excellence Award" , the "Outstanding Engineering Institute West Award", the "Magazine Award continuously 4th time", and the 56th place in India according to a survey conducted by Outlook magazine. College of Engineering at Sanjivani Rural Education Society in Kopargaon has been authorised as a RESOURCE Centre for the Spoken Tutorials offered by IIT, Bombay. The institute embrace the presence on global level with strong network of alumni. A

training and placement section manages the needs of business and works tirelessly to organise expert presentations and training to improve placement. A activity named Mentorship program is conducted. The institute has state of the art infrastructure, well equipped laboratories, and Wi-Fi campus with a broadband capacity of 500 Mbps speed.

File Description	Documents
Appropriate link in the institutional website	Nil
Any other relevant information	View File

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 universities
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
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.