



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution

Jagdamba Education Society's SND
College of Engineering & Research
Centre, Yeola

- Name of the Head of the institution **Dr. Yadav D.M.**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **02559225011**
- Mobile no **9011063944**
- Registered e-mail **sndcoe.principal@gmail.com**
- Alternate e-mail **principal@sndcoe.ac.in**
- Address **At post Bhabulgaon**
- City/Town **Yeola**
- State/UT **Maharashtra**
- Pin Code **423401**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**

- Location **Rural**

- Financial Status **Self-financing**

- Name of the Affiliating University **Savitribai Phule Pune University, Pune**
- Name of the IQAC Coordinator **Dr. Ansari U.S.**
- Phone No. **02559225011**
- Alternate phone No. **9970768662**
- Mobile **9970768662**
- IQAC e-mail address **hodcivil@sndcoe.ac.in**
- Alternate Email address **ansariubaid@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)) <https://sndcoe.ac.in/wp-content/uploads/2024/03/AQAR-2022-23.pdf>

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

- if yes, whether it is uploaded in the Institutional website Web link: <https://sndcoe.ac.in/academic-calendar-8/>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	C	1.61	2027	02/05/2017	02/05/2022
Cycle 2	B++	2.77	2023	14/02/2023	13/02/2028

6.Date of Establishment of IQAC **19/07/2017**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. Ansari U.S., HoD Civil Engineering	ATAL -2023-24	AICTE, new Delhi	2023	350000

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

NAAC guidelines

- Upload latest notification of formation of IQAC [View File](#)

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

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

Enhanced Academic and Administrative Audits: Conducted comprehensive academic and administrative audits, leading to improved transparency and efficiency in processes across departments.

Implementation of Outcome-Based Education (OBE): Initiated and monitored the adoption of OBE frameworks, aligning curriculum and assessments with desired learning outcomes to boost student competency and employability.

faculty Development P: initiated multiple faculty development activities focusing on innovative teaching methodologies, research practices, and the integration of technology in classrooms, enhancing teaching quality.

Student Feedback Mechanisms: Established systematic feedback channels for students to voice concerns and suggestions, which contributed to an improved learning environment and student satisfaction.

Accreditation and Compliance Preparedness: Led efforts for accreditation and compliance documentation, ensuring adherence to national quality standards and readiness for accreditation visits.

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

Plan of Action	Achievements/Outcomes
Academic quality improvement	Continuous monitoring of academic , result improvement, rise in satisfaction level.
Faculty development & Research initiatives	Faculty developed through FDPs, Publication , NPTEL, etc.
Training & placement	No. of workshop/seminar/webinar improved students knowledge and placement is improved
Faculty upgradation and recruitment	no. of PhDs are increased along with registration for doctoral program by many faculties
student capability	Students chapters and clubs started for involvement of students in various activities

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

- Name of the statutory body

Name	Date of meeting(s)
College Development committee 05/01/2023 14. Whether institutional data submitted to AI	24/07/2024

14. Whether institutional data submitted to AISHE

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Year	Date of Submission
2022-23	14/02/2024

15.Multidisciplinary / interdisciplinary

The multidisciplinary/interdisciplinary approach in education emphasizes integrating knowledge, skills, and methods from various disciplines to provide a more holistic, well-rounded learning experience. Here are key aspects of how it benefits students and the educational environment: Enhanced Problem-Solving Skills By learning across disciplines, students gain

diverse perspectives and tools to address complex, real-world problems. This approach encourages students to apply knowledge from different fields—such as technology, management, and environmental science—to find innovative solutions that might not be apparent within a single discipline. Broad Knowledge Base Exposure to a wide range of subjects, from sciences to humanities, provides students with a more comprehensive understanding of global issues and trends. For instance, a student in engineering who also studies economics and environmental management is better equipped to consider both technical and social impacts of their work. Improved Collaboration and Communication Multidisciplinary projects and courses encourage teamwork among students from various academic backgrounds, fostering communication and collaboration skills that are essential in today's interconnected workplaces. This experience mirrors real-world situations where professionals must work with colleagues across fields to achieve common goals. Flexible Career Pathways An interdisciplinary curriculum provides students with flexible knowledge and skills that apply to multiple industries, allowing them to explore varied career paths. For example, combining engineering with business or digital marketing can prepare students for roles in technical management or product development. Encouragement of Critical and Creative Thinking Integrating diverse fields promotes critical thinking as students learn to question assumptions and approach problems from multiple angles. It also inspires creativity by encouraging them to draw connections between disciplines, leading to unique insights and innovative ideas. Incorporating a multidisciplinary/interdisciplinary approach into the curriculum empowers students to become well-rounded, adaptable, and socially responsible professionals capable of addressing multifaceted challenges in a rapidly evolving world.

16.Academic bank of credits (ABC):

The Academic Bank of Credit (ABC) is a transformative credit system introduced by the Government of India under the National Education Policy (NEP) 2020. This system allows students to store credits earned through various academic, vocational, and experiential learning avenues, offering them significant flexibility in shaping their educational and career paths. Key aspects of the Academic Bank of Credit include: Enhanced Academic Flexibility and Choice The ABC enables students to take control of their learning journey by allowing them to pause their studies at any year or semester and redeem accumulated credits for a certificate or diploma, depending on their eligibility. This

freedom supports diverse career and educational paths.

Integration of Varied Learning Experiences The National Credit Framework supporting the ABC recognizes credits from multiple sources:

- Academic Education:** Credits from traditional academic courses.
- Vocational Training:** Credits from vocational programs, skill development, and training.
- Experiential Learning:** Credits from hands-on, professional experience, and skills gained in practical environments.

Implementation and Registration Initiatives To facilitate ABC's deployment, the college has initiated the process by guiding students through registration. This academic year, 1,668 students have successfully completed their ABC registrations, receiving unique login credentials for managing their credit accounts.

Personalized Pace for Learning ABC allows students to earn credits at a pace that suits their learning speed, supporting both fast and slow learners. This flexibility aligns with the NEP's vision of "multiple entry and exit" options, where students can accumulate credits over time without the pressure of a rigid academic timeline.

Future Goals for ABC Deployment Moving forward, the institution aims to ensure that students can accumulate credits based on their academic preferences, aligning with the regulations of respective accrediting bodies. By doing so, the ABC will help students pursue their degrees in a way that adapts to their individual goals and learning pace, making education more accessible and adaptable. The Academic Bank of Credit marks a significant shift in education, promoting student agency and a personalized approach to learning while adhering to the NEP 2020 vision for a modern and flexible educational ecosystem.

17.Skill development:

ND College of Engineering & Research Centre is committed to empowering students with industry-relevant skills that go beyond theoretical knowledge. The college has implemented a range of initiatives aimed at developing both technical and soft skills, preparing students for the demands of the modern workforce. Here are some key initiatives:

Industry-Oriented Certification Programs The college offers certification programs in high-demand fields such as Artificial Intelligence, Internet of Things (IoT), Cybersecurity, and Digital Marketing. These programs are designed in collaboration with industry experts to ensure students acquire the latest skills that are relevant to their fields of study and employment.

Hands-On Workshops and Skill Labs Regular workshops and specialized skill labs provide hands-on training in areas like robotics, software development, project management, and 3D modeling. These workshops bridge the gap between theoretical

knowledge and practical application, enabling students to experiment, innovate, and apply their learning in real-world contexts. Internship and Apprenticeship Programs SND College partners with industry organizations to offer internships and apprenticeships, giving students real-world exposure and experience in their chosen fields. These programs are instrumental in helping students understand industry standards, develop workplace skills, and build valuable professional networks. Soft Skills Development Workshops Recognizing the importance of communication, teamwork, and leadership, the college conducts workshops focused on soft skills development. These sessions cover topics like public speaking, interpersonal skills, time management, and emotional intelligence, helping students become well-rounded professionals. Entrepreneurship and Innovation Cell The college has established an Entrepreneurship and Innovation Cell to support students interested in starting their own ventures. This cell provides mentorship, resources, and workshops on business skills such as finance, marketing, and project management. It also hosts guest lectures from successful entrepreneurs to inspire students and provide insights into the entrepreneurial journey. Collaborative Projects and Competitions To foster creativity and problem-solving, the college encourages students to participate in interdisciplinary projects and national-level competitions. Competitions in fields like hackathons, design challenges, and model building allow students to apply their skills creatively, work collaboratively, and gain recognition for their innovations. Customized Career Guidance and Placement Training SND College offers placement training and career guidance tailored to the evolving demands of various industries. The college's placement cell provides resume-building workshops, mock interviews, and training on industry-specific skills, ensuring that students are well-prepared for job placements and career advancement. Faculty-Led Research and Development Projects Faculty members lead R&D projects in which students are encouraged to participate, allowing them to work on cutting-edge technologies and gain insights into practical research applications. This initiative not only boosts technical knowledge but also promotes a research-oriented mindset among students. These skill development initiatives reflect SND College of Engineering & Research Centre's commitment to creating a comprehensive learning environment that nurtures both technical expertise and essential life skills, ensuring that graduates are ready for diverse career paths and entrepreneurial ventures.

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18.Appropriate integration of Indian Knowledge system (teaching in Indian Language,

culture, using online course)

The integration of the Indian Knowledge System (IKS) into education is a powerful way to preserve cultural heritage, promote linguistic diversity, and enrich students' understanding of indigenous knowledge. Here are some ways in which institutions can effectively incorporate IKS through teaching in Indian languages, cultural education, and online courses:

Teaching in Indian Languages Offering courses in regional languages helps students grasp complex concepts more easily, especially in early education stages, by allowing them to learn in their native languages. This approach supports the cognitive development of students and enables those from rural and regional backgrounds to access education without language barriers. Teaching technical and professional courses in Indian languages can also foster a sense of pride in one's linguistic heritage.

Incorporating Indian Culture and History into Curriculum Integrating cultural studies, Indian history, and traditional knowledge into mainstream curricula allows students to gain a deeper appreciation of India's heritage. Subjects like ancient Indian science, traditional architecture, classical literature, and art can be woven into STEM and humanities courses to highlight India's contributions across disciplines. Cultural immersion programs, field trips, and interactions with local artisans and historians can further reinforce these teachings.

Utilizing Online Courses for Broader Access Online courses on IKS topics, such as Ayurveda, yoga, Vedic mathematics, and Indian philosophical systems, offer flexible learning options for students and educators. Institutions can collaborate with platforms like SWAYAM, NPTEL, and others to deliver certified courses on IKS subjects, making them accessible to a wider audience across India and beyond. Online modules can also provide multilingual content to support regional language learning.

Integrating Indian Knowledge in STEM Disciplines IKS can be integrated into STEM disciplines by highlighting traditional practices and indigenous technologies that align with modern scientific principles. For example:

- Environmental Science:** Teaching traditional water conservation techniques, sustainable agriculture, and biodiversity practices.
- Architecture and Engineering:** Studying ancient Indian architecture and building methods, such as Vastu Shastra, and incorporating these into modern green building practices.
- Mathematics and Astronomy:** Including modules on Vedic mathematics, ancient Indian astronomy, and their impact on modern science.

Developing Bilingual and Multilingual Learning Materials Creating textbooks, instructional videos, and other learning materials in multiple Indian languages makes knowledge more

accessible. Bilingual or multilingual content also supports linguistic diversity and helps students transition smoothly between regional and English languages, benefiting both native language speakers and those learning new Indian languages. Promoting Cultural Awareness through Events and Festivals Regular cultural events, festivals, and workshops allow students to experience Indian traditions firsthand. Celebrating diverse festivals and organizing cultural days can enhance students' connection to Indian culture, encouraging respect for and understanding of India's multicultural landscape. Research and Documentation of Indigenous Knowledge Educational institutions can foster research on indigenous knowledge and traditional practices, ensuring that this knowledge is preserved and expanded upon. By encouraging students to engage in research and documentation, institutions can contribute to the preservation of practices like folk medicine, traditional ecological knowledge, and local craftsmanship. Integrating IKS into education through these methods not only preserves India's rich heritage but also prepares students to appreciate and apply traditional wisdom within a modern context, fostering a well-rounded and culturally conscious generation.

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

Outcome-Based Education (OBE) is an educational model that emphasizes achieving specific outcomes or skills that students should demonstrate by the end of a program. SND College of Engineering & Research Centre, like many technical and higher education institutions, has adopted OBE to enhance the effectiveness of its teaching and align students' skills with industry requirements. Here's how OBE is typically structured and applied in institutions like SND College of Engineering: Key Aspects of OBE at SND College of Engineering: Defining Learning Outcomes: Program Outcomes (POs): These are the knowledge, skills, and behaviors that students are expected to develop by the end of their engineering program. They align with national and international standards, such as those set by the National Board of Accreditation (NBA) and the Washington Accord. Course Outcomes (COs): For each course, specific outcomes are defined, detailing what a student should be able to accomplish after completing the course. Program Specific Outcomes (PSOs): These are unique to each department and focus on competencies relevant to that specific engineering discipline. Curriculum The curriculum is designed to ensure that each course and activity contributes to achieving the program's overarching learning outcomes. Emphasis is placed on both theoretical knowledge and

practical application, with laboratory sessions, projects, and internships being integral parts of the learning experience. Teaching-Learning Process: Faculty employ a range of instructional strategies, including problem-based learning, project-based learning, and case studies, to make the learning experience more interactive and relevant. The teaching approach is student-centered, focusing on guiding students toward mastering the intended outcomes rather than simply covering syllabus content. Assessment and Evaluation: Continuous assessment through quizzes, assignments, and practical work helps gauge students' progress toward achieving course outcomes. Final assessments are designed to test students' understanding and application of knowledge in real-world scenarios, aligning with course and program outcomes. Continuous Improvement: OBE requires a feedback loop where student performance data is analyzed to identify areas for improvement in curriculum, teaching methods, and assessment. SND College likely engages in periodic reviews and adjustments based on performance data, industry feedback, and technological advancements to ensure students are well-prepared for the workforce. Outcome-Based Benefits: Students acquire industry-relevant skills, preparing them for professional challenges. OBE encourages lifelong learning as students become proactive in their learning journey. The focus on measurable outcomes aids in accountability and transparency, showcasing the institution's commitment to quality education. Implementing OBE at SND College of Engineering & Research Centre aligns with global standards and prepares students to meet industry demands effectively. The approach not only enhances students' employability but also ensures that they emerge as competent and adaptable professionals.

20.Distance education/online education:

Though the institute executes all its activity in regular mode and Distance education is implemented through digital content . Online mode of learning and improvement we have implemented such as webinars of experts from industry. our faculty and students regularly enroll them selves for NPTEL courses. For bridging the GAP and learning from distance online platform ZOOM, GOOGLE MEET and WEBEX is used. Online mode of learning is very useful for guidance and expertise transfer from long distance experts of our countries and abroad also.

Extended Profile

1.Programme

1.1	12
Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	View File
2.Student	
2.1	1605
Number of students during the year	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2	205
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
2.3	611
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	138
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	112
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	39
4.2 Total expenditure excluding salary during the year (INR in lakhs)	490.21
4.3 Total number of computers on campus for academic purposes	640

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Process for Effective Curriculum Delivery

The effective delivery of the curriculum relies on a structured approach that ensures high-quality education through systematic monitoring, assessment, and support.

Mentorship and Communication

Each department assigns a teacher guardian (mentor) for a group of students, responsible for updating parents on performance and attendance. Daily attendance is monitored by an Academic Monitoring Committee (AMC) member to identify and address poor attendance promptly.

Syllabus and Assessment Management

Departments conduct weekly syllabus reviews and arrange additional lectures as needed. Continuous assessments include class tests, practicals, quizzes, and group discussions. Unit-wise tests are held after each unit, with corrective measures implemented for slow learners.

Support for Slow Learners

Subject teachers monitor performance closely and organize remedial classes to assist struggling students.

Faculty Development

The institution sponsors faculty members to attend professional development programs, enhancing their knowledge and fostering peer interaction.

Feedback Mechanisms

Regular course-end surveys gather feedback on course outcomes, leading to necessary corrective actions.

Project Coordination

Final-year students receive guidance from project coordinators who assign faculty mentors based on specialization. Students are encouraged to engage in industry-sponsored projects for experiential learning. This comprehensive approach fosters an enriching educational environment that supports student success.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/1.1.1-Effective-curriculum-delivery.pdf

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

Academic Calendar and Continuous Internal Evaluation (CIE) Process

1. University Notification:

- Before each semester, the university issues an academic calendar for all programs, detailing:
 - Start and end dates of the semester
 - Internship schedules
 - Dates for semester-end examinations

2. Institute Compliance:

- The institute strictly adheres to the university's

academic calendar while planning its activities, including CIE.

3. Institute-Level Calendar:

- An institute-level academic calendar is prepared, which includes:
 - Total number of working days
 - Holidays
 - CIE dates
 - Dates for flagship programs

4. Departmental Calendars:

- Each department creates its own calendar that includes:
 - Guest lectures
 - Workshops
 - Industrial visits
 - Co-curricular and extracurricular activities

5. Adherence to Schedule:

- All academic activities and CIE are conducted as per the established calendar, except in unforeseen circumstances.

6. Components of CIE:

- CIE includes:
 - Class tests
 - Assignments
 - Mock vivas
 - Seminars

7. Internal Assessment Timetable:

- The examination committee publishes a timetable for internal assessments, ensuring stakeholders are informed.

8. Evaluation Process:

- After assessments, course instructors evaluate answer sheets and calculate Course Outcome (CO) and Program Specific Outcome (PSO) attainment following result declaration.

9. CIE for Various Courses:

- CIE is conducted for:
 - Laboratory courses
 - Project work
 - Seminars
 - Internships

10. Internal Tests:

- Internal tests are conducted at the end of each semester based on predefined rubrics.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/1.1.2-Conduct-of-CIE.pdf

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

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

1.2 - Academic Flexibility

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

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

15

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

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

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

11

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

782

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Integration of Cross-Cutting Issues in the Curriculum

The institution effectively integrates cross-cutting issues into its curriculum through various methods, ensuring a holistic educational experience for students. Key areas of focus include:

Gender Equality and Sensitization

- The institution promotes co-education and conducts all practicals and projects without gender discrimination.
- Activities addressing gender equality include guest lectures on healthy attitudes towards gender and initiatives like the Nirbhay Kanya Abhiyan.
- Equal opportunities are provided to all genders for organizing and participating in various activities.

Environmental Awareness and Sustainability

- Environmental consciousness is fostered through regular awareness programs such as tree plantation drives, NSS camps, and poster-making competitions.
- Courses related to environmental studies are embedded in the curriculum to instill the importance of sustainability among students.

Human Values

- The institution organizes activities that promote sensitivity towards societal issues, including blood donation camps, coaching for rural children, and visits to old age homes and orphanages.
- Special events are celebrated on national and international days, such as International Women’s Day, Republic Day, and Yoga Day.

Professional Ethics

- Faculty members instill professional ethics among students through dedicated courses and discussions led by industry experts and motivational speakers.
- Topics covered include plagiarism, intellectual property rights (IPR), and work ethics.

Cohesive Environment

- The institution addresses social, moral, and legal implications of gender discrimination, fostering a collaborative environment for students, faculty, and staff.

Through these initiatives, the institution aims to develop well-rounded graduates equipped with the necessary skills and values to navigate complex societal challenges.

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

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

21

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

1060

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://sndcoe.ac.in/suggestion-feedback/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://sndcoe.ac.in/suggestion-feedback/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

546

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

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

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

212

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

SND College of Engineering & Research Centre (SNDCOE & RC) has implemented a strategic approach to identify and support both advanced and slow learners, ensuring that all students receive the attention they need to succeed. The classification of students is based on their performance in internal examinations and continuous assessments. For slow learners, the institute organizes special remedial classes outside the regular schedule, allowing for focused instruction. These classes are designed to provide individualized attention through tailored assignments, problem-solving sessions, seminars, and oral presentations. Faculty members, course coordinators, and department heads collaborate to uplift the performance of these students, addressing their specific learning challenges through personalized counseling. Advanced learners benefit from additional resources such as NPTEL courses, MOOCs, and skill development programs that enhance their knowledge and motivate them for deeper learning. The institute also emphasizes the development of soft skills and communication abilities, particularly for students from rural backgrounds. This comprehensive support system not only aids slow learners in overcoming academic hurdles but also enriches the educational experience for advanced learners, fostering a collaborative and inclusive learning environment that promotes overall student success.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/2.2.1-Peer-Teaching.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1605	138

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Experiential Learning

SNDCOE & RC emphasizes experiential learning by incorporating practical courses, including laboratory work and virtual labs, into its curriculum. Students gain hands-on experience through training on the maintenance and repair of lab equipment, extending their knowledge beyond the standard syllabus. The institute utilizes a variety of learning methodologies such as problem-based, case-based, project-based, inquiry-based, and cooperative learning to enhance student engagement. Students are encouraged to undertake innovative major and mini-projects that apply research methods to solve complex problems through experimental design and data analysis, fostering critical thinking and problem-solving skills.

Problem-Solving Methodologies

To enrich learning experiences, SNDCOE & RC employs various problem-solving methodologies that equip students to address real-world challenges effectively. Techniques such as root cause analysis, design thinking, and systems thinking are integrated into the curriculum, enabling students to systematically dissect complex issues. Through simulations and case studies, they learn to identify problems, generate creative solutions, evaluate alternatives, and implement effective strategies.

Participative Learning

Participative learning is fundamental to SNDCOE & RC's educational philosophy. Students engage in group discussions and brainstorming sessions to collaboratively develop solutions for complex engineering problems. Industrial visits provide exposure to current technologies, while a mandatory three-week internship for third-year students enhances practical experience. Innovative

teaching methods such as debates, quizzes, role-playing, and creative projects foster an engaging learning environment, preparing students for successful engineering careers.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/2.3.1-Event-2023-24.pdf

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

SNDCOE & RCis committed to enhancing the teaching-learning process through advanced ICT-enabled facilities.

All classrooms and seminar halls are equipped with LCD projectors and internet connectivity, ensuring they are ready for use at any time. Each department features smart interactive boards that facilitate engaging and interactive teaching methods. LCD projectors are utilized for regular lectures, seminars, workshops, and educational videos, along with providing access to e-books and CDs. T

he communication skills training facility is enriched with ICT tools that help students develop proficiency in listening, speaking, reading, and writing.

ICT components are integrated into the curriculum across all engineering disciplines, utilizing software like MATLAB and SCI Lab for computations and simulations.

Course delivery is enhanced through PowerPoint presentations, video conferencing, and educational materials from renowned institutions.

The central library is fully ICT-enabled, featuring multimedia PCs, internet access, e-books, e-journals, and audio-visual facilities. Innovative pedagogical practices such as Google Slides, animations, and videos are employed to deliver course content effectively. Additionally, the institute conducts online assessments through Google Forms and hosts expert talks and webinars using platforms like Zoom and Microsoft Teams. This comprehensive approach ensures an enriched learning experience for

all students.

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

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

2.3.3.1 - Number of mentors

98

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

2.4 - Teacher Profile and Quality

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

138

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

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

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

15

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

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

2.4.3.1 - Total experience of full-time teachers

819

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

2.5 - Evaluation Process and Reforms

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

For every internal assessment rubrics are defined and well aware to all students which results satisfaction of every students, marks are shown to all with justification due to which grievance are almost nill. but mecanism is in placed for trasperency as per follwong details

1. **Grievance Submission:** Students are encouraged to formally submit grievances regarding internal examinations using the designated grievance form, either online or in hard copy, within a specified period after examination results are announced.
2. **Acknowledgment:** Upon receiving the grievance, the Dept/ exam cellacknowledges its receipt and provides information about the resolution process.
3. **Facilitation of Discussion:** If appropriate, a discussion may be arranged between the student and faculty or examiners, to

seek an informal resolution.

4. **Formal Investigation:** If unresolved, a formal investigation is initiated by the Committee , which gathers evidence and hears from all involved.
5. **Decision Making:** After the investigation, the GRC makes a decision regarding the grievance and communicates this outcome to the student in writing within a defined timeframe.
6. **Appeal Process:** If dissatisfied with the resolution, students may appeal to a higher authority within a specified period.
7. **Final Resolution:** The final decision is communicated to the student, concluding the grievance process while maintaining records for transparency and future reference.

File Description	Documents
Any additional information	View File
Link for additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/2.5.1-Continuous-Evaluation-Process.pdf

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

For every internal assessment rubrics are defined and well awared to all students which results satisfaction of every students, marks are shown to all with justification due to which grievence are almost nill. but mecanism is in placed for trasperency as per follwong details

1. **Grievance Submission:** Students are encouraged to formally submit grievances regarding internal examinations using the designated grievance form, either online or in hard copy, within a specified period after examination results are announced.
2. **Acknowledgment:** Upon receiving the grievance, the Dept/ exam cellacknowledges its receipt and provides information about the resolution process.
3. **Facilitation of Discussion:** If appropriate, a discussion may be arranged between the student and faculty or examiners, to seek an informal resolution.
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6. **Appeal Process:** If dissatisfied with the resolution, students may appeal to a higher authority within a specified period.
7. **Final Resolution:** The final decision is communicated to the student, concluding the grievance process while maintaining records for transparency and future reference.

File Description	Documents
Any additional information	View File
Link for additional information	https://exampr.unipune.ac.in/Student/Dashboard/LogintoSPS

2.6 - Student Performance and Learning Outcomes

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

Steps for Communicating Program and Course Outcomes

1. **Definition and Development:** The institution clearly defines Program Outcomes (POs) and Course Outcomes (COs) for all offered programs, ensuring alignment with the educational objectives established by the University.
2. **Documentation:** POs and COs are meticulously documented, outlining the specific skills and knowledge students are expected to acquire upon completing each program and course.
3. **Approval Process:** The documented outcomes are submitted for approval to relevant academic committees, ensuring they align with institutional goals.
4. **Website Publication:** Once approved, POs and COs are prominently displayed on the institution's official website, making them accessible to students, faculty, and prospective learners.
5. **Faculty Communication:** Faculty members are informed about the POs and COs through departmental meetings and training sessions, ensuring they understand their significance in the curriculum.
6. **Student Awareness:** The Head of Department conducts sessions at the start of each semester to explain POs and COs to

students, highlighting their importance for academic success.

7. **Display in Classrooms:** POs and COs are displayed in classrooms and laboratories, with faculty explaining these outcomes during lectures and practical sessions.
8. **Inclusion in Course Files:** Each teacher includes POs and COs in their course files, mapping how assignments contribute to achieving these outcomes.
9. **Feedback Mechanism:** A system is established to gather feedback from students and faculty regarding the clarity of communicated outcomes for continuous improvement.
10. **Regular Updates:** The institution commits to regularly reviewing and updating POs and COs based on curriculum changes and industry trends, ensuring ongoing relevance.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/2.6.1-PO-PSOs.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Steps for Attainment of Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs)

1. **Mapping COs to POs and PSOs:** Each course outcome is mapped to the relevant program outcomes and program specific outcomes. This mapping provides a framework for quantitatively measuring how well the POs and PSOs are achieved.
2. **Assessment Design:** The concerned subject teacher prepares a CO-PO & PSO mapping for all courses within the program, ensuring that each assessment method aligns with the intended outcomes.
3. **Direct Assessment Methods:**
 - o **Unit Tests:** Conduct regular unit tests that assess specific COs.
 - o **In-Semester Examinations:** Administer in-semester exams that evaluate the attainment of relevant COs.
 - o **Preliminary and End Semester Examinations:** Use these exams to assess overall attainment of COs. Each

question is tagged to corresponding COs, allowing for targeted analysis of student performance.

4. CO Attainment Calculation: Calculate the overall attainment of each CO based on the average marks achieved by students in assessments, setting a target for final attainment.
5. Indirect Assessment: Conduct a course-end survey or Student Satisfaction Survey to gather feedback on the perceived attainment of COs from students' perspectives.
6. PO and PSO Attainment Calculation: After course completion, departments analyze survey results to compute the attainment levels of POs and PSOs based on student feedback and performance data.
- 7.
8. Reporting Results: Communicate the results of CO, PO, and PSO attainment to faculty and stakeholders for transparency and accountability in the assessment process.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sndcoe.ac.in/ps/

2.6.3 - Pass percentage of Students during the year

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

258

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://sndcoe.ac.in/wp-content/uploads/2024/12/2.6.3.1-Annual-Report-2023-24-1.pdf

2.7 - Student Satisfaction Survey

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

<https://sndcoe.ac.in/wp-content/uploads/2024/12/2.7.1-Students-Satisfaction-Survey-2022-23.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

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

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

3.1.2.1 - Number of teachers recognized as research guides

1

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

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

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

0

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

3.2 - Innovation Ecosystem

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

SND College of Engineering & Research Centre (SNDCOE & RC) is committed to fostering a dynamic research culture among students and faculty through its comprehensive Research and Development (R&D) policy. This initiative aims to create an environment that encourages innovation and academic excellence. The institute actively seeks funding for faculty development programs, seminars, and workshops, enriching the academic landscape. Faculty and students are motivated to pursue patents for their innovations, while faculty members are encouraged to publish in peer-reviewed journals and present at prominent expos. Regular training programs for faculty enhance their expertise, which is then shared with students. The management fosters a secure and trusting atmosphere that nurtures creativity, transforming innovative ideas into actionable proposals. Various academic and administrative committees, led by senior faculty, guide research initiatives aligned with institutional goals. The management collaborates with department heads to turn faculty ideas into practical projects. Additionally, the college hosts expert talks with industry professionals and alumni to develop students' skills beyond the curriculum. Students are made aware of available resources and encouraged to engage actively in their research. This holistic approach ensures that SNDCOE & RC prepares students effectively for future challenges in their fields.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sndcoe.ac.in/about-dean/

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

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

19

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

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

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

0

File Description	Documents
URL to the research page on HEI website	https://sndcoe.ac.in/about-dean/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

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

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

93

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

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

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

10

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

3.4 - Extension Activities

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

SND College of Engineering & Research Centre (SNDCOE & RC) is deeply committed to extension activities that engage students with the local community, enhancing their awareness of social issues and fostering holistic development. The National Service Scheme (NSS) at the institute plays a crucial role in this effort, involving students in various initiatives aimed at addressing community needs. Throughout the year, students participate in activities such as tree plantation drives, blood donation camps, and health awareness programs. These initiatives not only benefit the community but also provide students with valuable insights into societal challenges. For example, awareness campaigns on digital literacy and government welfare schemes empower local residents and promote inclusivity. The impact of these extension activities is significant, as they help cultivate essential life skills among students, including leadership, teamwork, and empathy. Participation in NSS camps and community service projects enhances their social responsibility and prepares them to become active, engaged citizens. By connecting academic learning with real-world issues, SNDCOE & RC ensures that students develop a well-rounded perspective on their roles in society. Ultimately, these efforts contribute to both personal growth for students and positive change within the neighborhood community.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/nss-programs/
Upload any additional information	View File

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

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

0

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

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

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

14

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

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

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

1666

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

3.5 - Collaboration

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

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

118

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

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

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

38

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institute has a policy for creation and enhancement of infrastructure in order to promote a good teaching learning environment. The College encompasses a well maintained lush green campus spread over 10 acres of land ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities as per AICTE norms.

College encompasses sufficient number of 39 Classrooms and Seminar Halls out of which 21 are ICT enabled with internet connectivity, Tutorial rooms, Laboratories, Language Laboratory, etc. all as per the AICTE requirements. SOP's are being made available in all the laboratories.

Computing Equipments with adequate number of servers, computers, printers and scanners are available in the institute. The entire campus is Wi-Fi enabled with 24/7 internet facility to the students and staff with bandwidth of 300 mbps.

Our central library is fully computerized by automating the issue of books with bar code reader. The library has 4704 titles and 21050 volumes covering all major fields of Science and Engineering. Digital library facility is available with sufficient number of E-Journals , E-Books, CDs etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2023/12/4.1.1-The-Institution-has-adequate-infrastructure-and-physical-facilities-for-teachinglearning.pdf

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

- **Cultural:**

College has amphitheatre of area 974.89 Sq. Mtr. For celebration of cultural activities, nine seminar halls each of them have area of 135.83 Sq. Mtr. where students can celebrate different events. Every year annual social Gathering "Kshitij" is organised in the college premises in which all the students participate enthusiastically and bring glory to the program.

- **Sports:**

College has playground for outdoor games for playing cricket, Basket Ball, football, kabaddi, Kho- Kho etc. There is separate court yard for volleyball and badminton. Also college has indoor game hall which includes Table Tennis, Chess, Carrom.

- **Yoga:**

Yoga helps to instil confidence and to bring learning to students and staff on an experiential level. Yoga teaches them to persevere, be patient, and work towards their goals. Yoga also provides tools for practicing compassion, mindfulness, generosity, focus, strength, and flexibility. By changing our lifestyle and creating consciousness, it can help in well-being. So we work towards adopting an International Yoga day on 21st June. College invites Yoga Expert to guide the importance of 'Yoga' to students and staff on same day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2023/12/4.1.2-Adequate-facilities-for-cultural-and-other-events.pdf

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

26

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2023/12/4.1.3-ICT-Geotagged-Photos.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

217.87

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The library is partially automated using e-library Management System Software since 2011 to till date. The ILMS details are given below:-

Sr. No.

Name of the ILMS Software

Nature of Automation

Version

Year of Automation

01

Library Manager Software

Partially

Offline

2011 to 2020

02

e-library Management System Software

Partially

Online (2.0)

2021 to 2024

The library is fully automated with 2.0 e-library Management System Software with barcode technology. The library has rich collection of text book, reference books, handbooks, rare books & competitive books etc. The total number of books available in library 21050 volumes with 4704 titles as on 25 November 2024.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://sndcoe.ac.in/wp-content/uploads/2023/12/4.2.1-Library-is-automated-using-Integrated-Library-Management-System-ILMS.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources A. Any 4 or more of the above

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

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

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

2.92

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

237

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

4.3 - IT Infrastructure

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

IT facilities have been updated on regular basis and Institute has always given priority for upgradation of IT facilities.

- **Internet Connection:**

The institute regularly updates the internet connection every year and as of now, the available internet bandwidth is 300 Mbps provided by Meera Network.

- **No. of Systems and their Configuration:**

Institute is having total of 618 computers with the configuration of Processor i5, i7, 4 GB RAM, 500 GB Hard Disk.

- **Firewall/Security:**

Institute uses firewall service from UNTANGLE NXG16.

- **Networking Peripherals:**

Institute has networking devices i.e. IBM Servers, Routers provided by D-Link, Cisco Gigabit Ethernet switches etc.

- **Software's:**

The institute has license copies of Windows Operating System and also works with open-source operating systems like Ubuntu, Linux OS and other software tools such as Postgres, Cisco packet tracer, ns2, Wireshark, Python, CLDC wireless toolkit, open GL, Spark, Hadoop.

- **I/O Devices:**

The institute purchases Projectors, Printers, Photo Copying Machines, and Plotters as per the requirements given by the departments.

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

4.3.2 - Number of Computers

640

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

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

204.44

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

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

- **Civil infrastructure:**

General civil maintenance and upkeep of civil infrastructure is carried out by the Civil Maintenance Department at Society level.

- **Electrical Maintenance:**

Electrical maintenance is done with the help of 'electricians' appointed by institute and major work is outsourced to local skilled agencies.

- **Water supply:**

RO in charge is appointed by institute for look towards its working. The quality of drinking water is maintained and recorded daily. Required plumbing work in the campus is done in-house. Maintenance of RO is done by external agency through AMC.

- **Garden and landscape:**

A special person is appointed by Society for maintenance of garden.

- **Housekeeping:**

The house keeping is outsourced to external agency by awarding annual contract including the sanitary materials and takes care of cleaning of all the utilities.

- **Maintenance of laboratories are as follows:**

The calibration, repairing and maintenance of sophisticated lab equipment's are done by the technicians of related owner enterprises.

- **Library:**

Library issues such as requirement and purchases of books, weeding out of old titles, schedule of issue/return of books etc. are chalked out / resolved by the library committee as per policy.

- **Sports:**

Regarding the maintenance of sports equipment the college sports in charge is deputed.

- **Classrooms:**

Classrooms are maintained by housekeeping agency and for major requirements administrative officers will look after.

- **Procedures for maintaining computers:**

There is centralized computer center for maintenance & repairing.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sndcoe.ac.in/procedure-and-policies/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1385

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the

institution / non- government agencies during the year

44

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://sndcoe.ac.in/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

548

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

548

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

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

155

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

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

5.2.2.1 - Number of outgoing student progression to higher education

11

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

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

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

8

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

5.3 - Student Participation and Activities

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

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

0

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

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

Students are given exposure to involve in administrative, co-curricular and extracurricular activities by including them as members of the committees in which direct and indirect relation with students is important. They actively participate in committee meetings.

The following are main Committees having student representation and engagement.

1. Department Association Committee: In each department of the institute "student's associations" are formed under mentorship of faculty co-ordinator.". The curricular and extracurricular activities are carried out under student's associations.

2. Sports Committee: This Committee organizes interdepartmental sport event. Our students actively participate in various indoor and outdoor sports.

3. Cultural Committee: This committee co-ordinates various cultural activities and events throughout the year. "KSHITIJ", an annual cultural event of our institute provides platform to the students to organize and participate activities through various event committees under KSHITIJ.

4. Internal Quality Assurance Cell (IQAC): The student representative is involved in IQAC. The student representative can present his/her ideas and put-up suggestions in regular meeting of IQAC. Thus, he/she is also active member in policy making process of IQAC.

5. Anti-Ragging Committee: This committee ensures zero ragging incidents in the institute and also spreads awareness among students against any type of ragging activities.

6. Anti-Sexual Harassment Committee: This Committee is responsible for investigating every formal written complaint of sexual harassment and taking appropriate remedial measures to respond to any substantiated allegations of sexual harassment.

7. Grievance Redressal Committee: This committee addresses student grievances and maintains harmony and discipline among the students.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/governing-body/
Upload any additional information	View File

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

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

17

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

5.4 - Alumni Engagement

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

YES, we have registered Alumni Association which is formed in 2020-21. Alumni are one of the main stakeholders of the institute

as they contribute immensely to the development of the institute in multiple dimensions. Alumni of the institute are providing mentoring services to institute, this became influential in making students understand the industry institute gap and also the way to plan and shape up their career in right direction and making the students to understand various business opportunities and providing all the support required for preparing the students to become industry ready or to make as entrepreneurs by knowing the current dynamics of the industry.

The institute is conducting many alumni-based events like online virtual meets, Reunions, Guest lectures and knowledge sharing sessions, during events, the Alumni are sharing their success stories to the ongoing students. Alumni could bring the need for tool-based learning, conducting project based labs and hackathons. Alumni have deliberated on concentrating on industry-based research projects and undertaking consultancy based on the expertise of the faculty and the kind of research labs supported by the department. Alumni are helping to develop quality standards that could be used for enhancing and raising high quality of delivery of educational system.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/alumni/
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

SND College of Engineering and Research Center, governed by the Jagadamba Education Society, has a comprehensive governance framework that ensures quality education and institutional excellence. Here are the key components of its governance and

operational structure:

1. Board of Governors (BoG):

- Composed according to AICTE guidelines, the BoG meets biannually.
- Members encourage efforts to maintain quality standards and provide strategic guidance to stakeholders.
- Focuses on creating versatile engineers equipped to serve society effectively.

2. College Development Committee:

- Responsible for discussing institutional progress and planning future initiatives.
- Makes decisions aligned with the college's vision and mission, ensuring continuous improvement.
- Prepares resolutions that guide the college's strategic direction.

3. Implementation Plan

- The plan includes infrastructure and facilities development, procurement of learning resources, appointment and training of faculty and staff, coordination of academic, co-curricular, and extracurricular activities, and student training and placement initiatives.

4. Internal Quality Assurance Cell

- Monitors academic quality and implements best practices across departments.
- Conducts regular assessments to ensure adherence to quality standards.

5. Faculty Participation:

- Faculty members are actively involved in various committees, including Anti-Ragging, Research, Examination, Faculty Development, Placement, and Internal Complaint Committee (ICC).

6. Student Involvement:

- Students are encouraged to participate in governance through representation in various committees..

7. Continuous Improvement:

- Regular audits and evaluations are conducted to assess the effectiveness of programs and initiatives.
- The institution is committed to adapting to changing educational needs and technological advancements.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/governing-body/
Upload any additional information	View File

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

1. Participative Management System:

- Involves collective decision-making among the Principal, Deans, Heads of Departments (HODs), Examination In-charge, Training and Placement Officer, Dean of Academics, academic coordinators, tutors (mentors), class teachers, and the Registrar.

2. Decentralized System:

- A well-defined system is in place to follow university guidelines for internal assessments and end-semester examinations.

3. Examination Cell:

- Operates under the Principal's guidance and collaborates closely with the Controller of Examinations at SPPU.
- Disseminates instructions to HODs and Departmental Exam Coordinators.

4. Departmental Exam Coordinators:

- Manage semester-wise student enrollments and upload marks for internal assessments (theory and practical).
- Oversee examination form fill-ups (regular and backlog) and handle scrutiny and review processes.

5. Academic Committees:

- Various committees (e.g., library committee, timetable committee, attendance monitoring committee) ensure smooth day-to-day academic operations.
- Focus on holistic development and enhancement of student facilities and experiences at the institute.

6. Feedback Mechanisms:

- Regular feedback from students and faculty is collected to improve academic programs and administrative processes.
-

7. Professional Development:

- The institution emphasizes faculty development through workshops, training programs, and conferences to enhance teaching methodologies.

8. Student Support Services:

- Dedicated committees address student grievances, provide counseling services, and facilitate extracurricular activities to ensure a supportive learning environment.

9. Collaboration with Industry:

- The college maintains partnerships with industry stakeholders for internships, placements, and guest lectures, enhancing practical exposure for students.

10. Monitoring Academic Performance:

- Regular monitoring of academic performance is conducted to identify areas for improvement, ensuring that students meet learning outcomes effectively.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/governing-body/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategy Development and Deployment at SND College of Engineering and Research Center

1. Perspective Plan:

- The institute has implemented a strategic perspective plan since its establishment, focusing on continuous improvement in various areas.

2. Infrastructure and Academic Expansion:

- Progressive expansion of infrastructure and academic programs to support the growing needs of students and faculty.

3. Resource Procurement:

- Essential resources have been procured to enhance the educational environment and support learning outcomes.

4. Standardized Practices:

- Institutional practices have been standardized to ensure consistency and quality in educational delivery.
- Human Resource Development:
 - Recruitment, training, and nurturing of human resources aligned with the institute's vision, emphasizing a learner-centric approach.

- Continuous professional development programs for faculty to keep abreast of educational trends.

5. Milestones Achieved:

- Significant milestones include the successful implementation of 'The Academic,' focusing on faculty qualification improvement and enhancing the teaching-learning environment.

6. Institutional Strategic Goals:

- Efficient teaching and learning processes.
- Effective leadership and participative management.
- Constant internal quality assurance system.
- Ensuring effective governance and student development through participation.
- Employee advancement and welfare.
- Faculty participation in faculty development programs (FDP).
- Increasing placement opportunities.
- Addressing grievances of women, students, and faculty.
- Financial planning and management.
- Strengthening institute-industry interaction.
- Encouraging budding entrepreneurs through incubation centers.
- Promoting research and development initiatives with funding support.
- Boosting internal revenue generation through workshops and training programs.
- Enhancing alumni interaction and outreach activities for networking opportunities.
- Expanding physical infrastructure to accommodate growing student enrollment.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://sndcoe.ac.in/college-development-committee/
Upload any additional information	No File Uploaded

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

Functioning of Institutional Bodies at SND College of Engineering and Research Center

1. **Participative Management Approach:**
 - Aimed at developing versatile engineers ready to serve the nation and the world.
2. **Leadership Structure:**
 - Comprises the Governing Body, Principal, Heads of Departments (HODs), teaching staff, and non-teaching staff.
3. **Governing Body:**
 - Oversees the strategic direction of the institution.
 - Reviews academic aims, financial strategies, and recruitment policies.
4. **Organizational Hierarchy:**
 - Supports decision-making at appropriate levels to ensure educational effectiveness.
5. **Committees and Cells:**
 - Establishes various committees, including the Internal Quality Assurance Cell (IQAC) and Anti-Ragging Cell.
 - Provides academic and administrative leadership in compliance with university and government guidelines.
6. **Stakeholder Involvement:**
 - Diverse stakeholders participate in committees, enhancing decision-making processes.
7. **Quality Assurance:**
 - Maintains a constant internal quality assurance system to monitor educational standards.
8. **Employee Welfare:**
 - Emphasizes employee advancement through professional development programs.
9. **Student Participation:**
 - Encourages student involvement in governance through representation in committees.
10. **Grievance Redressal:**
 - Mechanisms are in place to address grievances of students, faculty, and staff.
11. **Financial Management:**
 - Conducts financial planning to align resource allocation with institutional goals.
12. **Industry Interaction:**
 - Regular interactions with industry partners enhance practical exposure for students.
13. **Research and Development:**
 - Promotes research initiatives and encourages engagement in innovative projects.
14. **Alumni Engagement:**
 - Active alumni interaction helps in networking and provides insights into industry trends.

15. Infrastructure Development:

- Continuous growth in physical infrastructure supports academic programs and enhances student experiences.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/governing-body/
Link to Organogram of the institution webpage	https://sndcoe.ac.in/organization-structure/
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The faculty is honored with an incentive in the form of cash for various distinguished merit activities in the field of academics and research. For career progression, Faculty Development Programs (FDP) conducted at TCET are either Self-Financed, sponsored by approving authorities like AICTE / ISTE, or Training Programs offered by IIT's conducted at TCET (Remote Center). FDPs have proven to be beneficial to faculty members as well as students. During these FDP's there is a high level of exchange of ideas. Substantial leaves will be sanctioned with full pay to the teaching staff for attending FDP, workshops, conferences, who have registered for / pursuing to attend the Ph.D work. Appreciation

for the faculty member for good work. Institute follows a well-defined and framed model of performance appraisal system namely API (Academic Performance Indicator) as per UGC guidelines It is based on mainly three categories Teaching, learning and evaluation related activities Professional development, co-curricular and extension Activities Research and Academic Contribution Professional development, co-curricular and extension Activities Research and Academic Contribution Student satisfaction is given utmost importance at the Institute and hence it is a part of the faculty appraisal system. The feedback helps to review and improve the quality of the teaching learning processes and measure the effectiveness of course design and delivery. The feedback is conducted in online/offline mode and complete confidentiality and anonymity is maintained. Apart from feedback, faculty is also assessed on performance of the students.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/general-policy/
Upload any additional information	View File

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

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

35

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

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

196

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

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

Institute follows a well-defined and framed model of performance appraisal system namely API (Academic Performance Indicator) as per UGC guidelines It is based on mainly three categories

Teaching,

learning and evaluation related activities

Professional development,

co-curricular and extension Activities

Research and Academic Contribution

Professional development,

co-curricular and extension Activities

Research and Academic Contribution

Student satisfaction is given utmost importance at the Institute and hence it is a part of the faculty appraisal system. The feedback helps to review and improve the quality of the teaching learning processes and measure the effectiveness of course design and delivery. The feedback is conducted in online/offline mode and complete confidentiality and anonymity is maintained. Apart from feedback, faculty is also assessed on performance of the students.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/6.3.5-Faculty-Appraisal.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The mechanisms used to monitor effective and efficient use of financial resources are as below:

Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering therecommendations made by the heads of all the departments, to the management.

College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other

consumable charges etc., and non - recurring expenses like lab bequipment purchases, furniture and other development expenses.

The expenses will be monitored by the accounts department as per the budget allocated by the management.

Process of the internal audit:

All vouchers are audited by an internal financial committee. The expense incurred under different heads is thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the principal.

Process of the external audit:

As per the government rule the accounts of the college are audited by chartered accountant regularly. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/6.4-Financial-Management.pdf
Upload any additional information	View File

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

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

1.27

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

SND COE and RC is a self-financing private institute. It has a well- defined financial policy which ensures optimal utilization of finances for academic, administrative and research activities.

The institute is being run with self sufficient funds generated from tuition fee and other miscellaneous incomes.

In case of shortage of funds, the management supports by providing the finance. In case activities like expansion and renovation of building, the management always supports by providing required finance. Financial planning is done at the beginning of th cademic year well in advance with efficient budgeting involving all the Heads of Academic Departments and Administrative Sections.

The management reviews all the financial activities through scrutiny of budgets and expenses in every quarter

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/6.4-Financial-Management.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

Internal Quality Assurance Cell (IQAC)

IQAC conducts an internal academic audit twice and takes appropriate remedial actions to improve the quality of technical

education. The basic aim is to determine the existence, operation, and effectiveness of the quality system.

The continuous improvement is achieved through periodic audits and satisfying statutory requirements.

Faculty members plan the academic conduct as per the syllabus, detailing and developing resource book and course file, designing practice sessions, assignments, and experiments, and effective conduct of the academics.

All lectures and practical classes are to be conducted as per the plan and are reviewed time to time to improve the efficiency and effectiveness of teaching learning during the semester.

The latest available teaching methods, various modes of learning and digital platforms are also used. The TLP is monitored at 3 levels: Faculty, HOD and leadership mentors.

Academic audits help the college to know their strength and challenges and IQAC to assess the quality status individually and institution as a whole. It also helps in identifying the best practices that can be evolved and institutionalized. During the audit, course files are thoroughly verified.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/internal-quality/
Upload any additional information	View File

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

Institute has implemented the Academic Audit System that helps to attain the mission and to march towards the vision. To ensure the directed and significant progress the internal academic audit through IQAC and external academic audit by the external experts are done twice a year, generally at the end of the first semester and at the end of the second semester.

The audit system undertakes continuous monitoring and evaluation of the departmental academic processes and practices. Internal Academic Audit System :Every academic year the members of the

Internal Academic Audit Committee are nominated by IQAC.

Generally, the members of the Internal Academic Audit Committee are the Academic coordinator of the respective department and two academic coordinators of the other departments.

The main objective of the Internal Academic Audit Committee is to verify the academic activities of the departments as per the defined standards and the processes and prepare the detail report.

The Internal Academic Audit report is submitted to IQAC. Based on the submitted report IQAC prepares the suggestions.. External Academic Audit Committee: The members of the External Academic Audit Committee are appointed by the head of the Institute as per the recommended names from the department. This committee is constituted of three or four members, minimum of one member from the Industry and others from academia.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/vice-principals-desk/
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://sndcoe.ac.in/wp-content/uploads/2024/12/6.5.3.1-Annul-report-2023-24-.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institution understands the responsibility towards gender equality, and many initiatives have been taken to consider it. The institute has a culture of equal opportunity for all cadres and genders. The main services provided to females are listed below

1. Safety & Security Presence of security personnel to encourage a safe and ragging-free environment.
2. Counseling: To resolve day to day academic problems of the students & motivate them, mentors are appointed for a batch of students, and they will counsel the respective students once a week.
3. Common Room. In the institute, separate boys and girls common rooms are provided at various locations during the leisure and lunch hours.
4. Day Care center for younger children. Sanstha's sister concerned English Medium, close, is extending the support to provide daycare facilities to our faculty's children.
5. Other relevant initiatives by institutes. We organized following events to promote gender equality and sensitization in cocurricular: I] National Girl's Child Day II] National Women's Day III] Nirbhaya Day

File Description	Documents
Annual gender sensitization action plan	https://sndcoe.ac.in/wp-content/uploads/2024/12/Annual-gender-sensitization-action-plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://sndcoe.ac.in/wp-content/uploads/2024/12/Specific-facilities-provided-for-women.pdf

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

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

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

Solid Waste Management:

The Institute follows the principle of 3R (Reduce, Reuse and Recycle).

In our institute, we have a simple solid waste management system. Paper and paper products, pens, disposable drink containers, waste food in canteen and compostable organic material etc. are the waste products in college campus. Adequate number of trash cans and dust bins are placed all over the campus. We separately collect these wastes at different locations in bins according to the properties like disposable and non-disposable waste material as well as solid and liquid waste.

Liquid Waste management:

The chemical waste of the laboratory is fully diluted with water and drained out. Liquid waste generated from canteen comprises of food wastes, dairy products and domestic waste water is discharged in soak pit. The toilet waste is collected through piping system and discharged into septic tank.

E-waste management:

E-waste of computers, electronic and electrical instruments is used for demonstration purpose to the students. Whereas outdated and scrap e-waste is handed over to local authorized scrap vendor. UPS batteries are exchanged with new batteries considering scrap values from the suppliers. The institute also takes benefit of the various buy back offers from the suppliers.

The institute does not generate hazardous waste, radioactive waste and biomedical waste.

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

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

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **A. Any 4 or All of the above**

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered

vehicles

3. Pedestrian-friendly pathways

4. Ban on use of plastic

5. Landscaping

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

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

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

A. Any 4 or all of the above

of reading material, screen reading

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

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

Tolerance and harmony towards cultural and communal diversities:

- Independence Day, Republic day are celebrated every year. Constitutions Day, National Voters Day, Reading Inspiration Day, are celebrated.
- To ensure religious harmony among students, major religious festivals are celebrated .
- The minority cell, OBC cell and SC/ST committee are organizing meetings to ensure harmony among students.

Tolerance and harmony towards regional, linguistic diversities:

The institute has been established in 2006 and most of the Non-Maharashtra students also took admission and successfully completed graduation.

- The institute has a residential facility in campus with hostels.
- Currently, majority of faculties are from Maharashtra and few faculty are from out of Maharashtra.
- Marathi Language Day is celebrated in the institute.

Tolerance and harmony towards socioeconomic diversities:

- The Earn and Learn Scheme is effectively implemented for Economically Backward Class students.
- The institute implements the Government schemes like Tuition Fee Waiver Scheme (TFWS), EBC and SEBC scholarship,

Panjabrao Deshmukh Scheme for accommodation.

- Majority of students are from rural families and they requires extensions in paying fees. The institute allows such type of students to pay fees in instalment.
- Right from the establishment of the institute, the dress code is adopted to avoid social and economic disparity.

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

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

Our Institution proceeds all possible initiatives in arrangement of various events and programmes for molding the students and staff to become accountable citizens of the country by sensibilise them to the constitution of the country.

Activities for constitutional obligations: Values

- The morning schedule starts with the National anthem and ends with the National Song in the evening; centrally it motivates students with positive vibes.
- Constitutions Day, National Voters Day, ReadersInspiration Day,are celebrated.
- The National Service Scheme (NSS) unit works to motivate the students and the unit is always successfully conducting activities to provide service the society.

Activities for Duties and responsibilities of citizens:

- Every faculty, students and staff follows the dignity of national anthem and national song.
- Independence Day, Republic day are celebrated every year with grand auspicious function.
- The audit courses regarding values, rights, duties and responsibilities of citizens, "Introduction to Constitution" is preferred for students in academic learning.
- The eminent personalities visited the campus during annual functions and guided the students regarding values, ethics and patriotism.

- In the campus tobacco chewing and smoking is banned.
- Water saving and Electricity saving oath is followed by students, faculty and staff members in induction program and Energy Conversion Week.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://sndcoe.ac.in/wp-content/uploads/2024/12/Details-of-activities-that-inculcate-values-necessary-to-render-students-in-to-responsible-citizens.pdf
Any other relevant information	Nil

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

A. All of the above

4. Annual awareness programmes on Code of Conduct are organized

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

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

Institution celebrates commemorative days, events and festivals at college and department level.

Commemorative days:

Independence day and Republic day is celebrated. Birthday anniversaries of Mahatma Gandhi, Chhatrapati Shivaji Maharaj, Marathi Bhasha Din are celebrated.

Events:

Teacher's Day is celebrated on occasion of birth anniversary of Dr. Sarvpalli Radhakrushnan, which is celebrated centrally as well as at departmental level. The Engineers day is also celebrated on occasion of birth anniversary of Sir. M.Vishweshwarayya .

Festivals:

The tradition of celebrating Ganesh Festival, Khandenavami, Navratri, Holi, festival is continued. KSHITIJ annual cultural festival is celebrated every year at grand level. Such a celebrations enhances the involvement of students in organizing the events ultimately improves their team work, event handling ability and confidence. Singing, Dancing, Drama, Musical Instrument Playing, Traditional Day, Cultural Day, Rangoli Competition , Poster Presentation , Face Painting etc. are the parts of KSHITIJ. Students are felicitated and awarded at the Institute for their remarkable performance and achievement in cultural activities and events. Institute organizes fresher's party and induction program for first year students in which various activates are conducted for overall development. Departmental Associations events include skits on various occasions, Engineer's Day, Teacher's Day, Guru-Pournima.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Title of the Best Practice 1: Digital Content Development

Objectives

- Promote generation of e-Content in all subjects.
- Develop teachers and experts resources in e-Content creation.

Context

Individual course components i.e. units, lessons and media elements such as graphics and animations can be re-used in different contexts.

The Practice

Institute has its own portal as digital repository and for access of these video lectures link is available on website.

- A] Development of Digital content.
- B] Content Scrutiny by subject expert.
- C] Uploading the content.

Evidence of Success

improvement in result and quality of the teaching. Interbranch placement of students.

Problems Encountered and Resources Required

- 1) Audience's Challenges
- 2) Presentation Challenges
- 3) Personal Challenges

Resources Required

Internet, webcam, recording room, editing software.

Best Practice 2: Comprehensive Student Monitoring System.

Objectives

- To monitor the students regularity discipline
- To enable the parents to know about the performance regularity of their wards.
- To establish a first line of communication for each student with the institution.

The Context

Inculcating discipline, punctuality and motivation among the students is the main objective in career building of a student.

The Practice

1. Formation of Batch.
2. TG allotment.
3. Meeting planning by dean and conduction.
4. MoM and report to HoD,
5. Consolidated report to Principal and action taken.

Evidence of Success

The improvement in attendance of the students speaks volumes regarding steps taken for monitoring the students.

Problems Encountered and Resources Required

No problem is encountered in this process but active involvement of faculty is required.

File Description	Documents
Best practices in the Institutional website	https://www.youtube.com/@SNDCollegeofEnggRC/featured
Any other relevant information	https://sndcoe.ac.in/wp-content/uploads/2023/05/Best-Practice-2.pdf

7.3 - Institutional Distinctiveness

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

Giving back to society and Environment. The institute believes in high standards of academic, professional, and societal performance. We believe that college life is not all about academics, games, friends, and fun. It is also about learning to interact with other people, being aware of social, environmental and gender issues, and inequities in society.

In line with its vision of working towards the socio-economic development of the country, the institute, Yeola has taken utmost care to give back to the community. Several student committees are formed to carry out the duties towards society. The one-week-long intense induction program gives the freshmen an insight into the institute's values and vision.

Along with other sports cultural and technical activities, the NSS unit plans activities like tree plantation and field visits to expose the students to the pressing issues in our society. As a special thrust, societal development is also instilled on a large scale into the students through the active NSS unit which undertakes various services to inculcate social values. Throughout the year, the NSS unit undertakes a plethora of events ranging from street plays, cleanliness drives, tree plantation drives, donation drives, waste management drives, gender equity, field visits, and many more.

B] Additional Utilization of Resources. Facilitation Centers for Engineering Admission process. Department Services and Consultancy.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Process for Effective Curriculum Delivery

The effective delivery of the curriculum relies on a structured approach that ensures high-quality education through systematic monitoring, assessment, and support.

Mentorship and Communication

Each department assigns a teacher guardian (mentor) for a group of students, responsible for updating parents on performance and attendance. Daily attendance is monitored by an Academic Monitoring Committee (AMC) member to identify and address poor attendance promptly.

Syllabus and Assessment Management

Departments conduct weekly syllabus reviews and arrange additional lectures as needed. Continuous assessments include class tests, practicals, quizzes, and group discussions. Unit-wise tests are held after each unit, with corrective measures implemented for slow learners.

Support for Slow Learners

Subject teachers monitor performance closely and organize remedial classes to assist struggling students.

Faculty Development

The institution sponsors faculty members to attend professional development programs, enhancing their knowledge and fostering peer interaction.

Feedback Mechanisms

Regular course-end surveys gather feedback on course outcomes, leading to necessary corrective actions.

Project Coordination

Final-year students receive guidance from project coordinators who assign faculty mentors based on specialization. Students are encouraged to engage in industry-sponsored projects for experiential learning. This comprehensive approach fosters an enriching educational environment that supports student success.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/1.1.1-Effective-curriculum-delivery.pdf

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

Academic Calendar and Continuous Internal Evaluation (CIE) Process

1. University Notification:

- Before each semester, the university issues an academic calendar for all programs, detailing:
 - Start and end dates of the semester
 - Internship schedules
 - Dates for semester-end examinations

2. Institute Compliance:

- The institute strictly adheres to the university's academic calendar while planning its activities, including CIE.

3. Institute-Level Calendar:

- An institute-level academic calendar is prepared, which includes:
 - Total number of working days
 - Holidays
 - CIE dates
 - Dates for flagship programs

4. Departmental Calendars:

- Each department creates its own calendar that includes:
 - Guest lectures
 - Workshops

- Industrial visits
 - Co-curricular and extracurricular activities
- 5. Adherence to Schedule:
 - All academic activities and CIE are conducted as per the established calendar, except in unforeseen circumstances.
- 6. Components of CIE:
 - CIE includes:
 - Class tests
 - Assignments
 - Mock vivas
 - Seminars
- 7. Internal Assessment Timetable:
 - The examination committee publishes a timetable for internal assessments, ensuring stakeholders are informed.
- 8. Evaluation Process:
 - After assessments, course instructors evaluate answer sheets and calculate Course Outcome (CO) and Program Specific Outcome (PSO) attainment following result declaration.
- 9. CIE for Various Courses:
 - CIE is conducted for:
 - Laboratory courses
 - Project work
 - Seminars
 - Internships
- 10. Internal Tests:
 - Internal tests are conducted at the end of each semester based on predefined rubrics.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/1.1.2-Conduct-of-CIE.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University

A. All of the above

Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

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

1.2 - Academic Flexibility

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

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

15

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

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

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

11

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

782

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Integration of Cross-Cutting Issues in the Curriculum

The institution effectively integrates cross-cutting issues into its curriculum through various methods, ensuring a holistic educational experience for students. Key areas of focus include:

Gender Equality and Sensitization

- The institution promotes co-education and conducts all practicals and projects without gender discrimination.
- Activities addressing gender equality include guest lectures on healthy attitudes towards gender and initiatives like the Nirbhay Kanya Abhiyan.
- Equal opportunities are provided to all genders for organizing and participating in various activities.

Environmental Awareness and Sustainability

- Environmental consciousness is fostered through regular awareness programs such as tree plantation drives, NSS camps, and poster-making competitions.
- Courses related to environmental studies are embedded in the curriculum to instill the importance of sustainability among students.

Human Values

- The institution organizes activities that promote sensitivity towards societal issues, including blood

donation camps, coaching for rural children, and visits to old age homes and orphanages.

- Special events are celebrated on national and international days, such as International Women’s Day, Republic Day, and Yoga Day.

Professional Ethics

- Faculty members instill professional ethics among students through dedicated courses and discussions led by industry experts and motivational speakers.
- Topics covered include plagiarism, intellectual property rights (IPR), and work ethics.

Cohesive Environment

- The institution addresses social, moral, and legal implications of gender discrimination, fostering a collaborative environment for students, faculty, and staff.

Through these initiatives, the institution aims to develop well-rounded graduates equipped with the necessary skills and values to navigate complex societal challenges.

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

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

21

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

1060

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://sndcoe.ac.in/suggestion-feedback/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://sndcoe.ac.in/suggestion-feedback/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

546

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

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

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

212

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

SND College of Engineering & Research Centre (SNDCOE & RC) has implemented a strategic approach to identify and support both advanced and slow learners, ensuring that all students receive

the attention they need to succeed. The classification of students is based on their performance in internal examinations and continuous assessments. For slow learners, the institute organizes special remedial classes outside the regular schedule, allowing for focused instruction. These classes are designed to provide individualized attention through tailored assignments, problem-solving sessions, seminars, and oral presentations. Faculty members, course coordinators, and department heads collaborate to uplift the performance of these students, addressing their specific learning challenges through personalized counseling. Advanced learners benefit from additional resources such as NPTEL courses, MOOCs, and skill development programs that enhance their knowledge and motivate them for deeper learning. The institute also emphasizes the development of soft skills and communication abilities, particularly for students from rural backgrounds. This comprehensive support system not only aids slow learners in overcoming academic hurdles but also enriches the educational experience for advanced learners, fostering a collaborative and inclusive learning environment that promotes overall student success.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/2.2.1-Peer-Teaching.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1605	138

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Experiential Learning

SNDCOE & RC emphasizes experiential learning by incorporating practical courses, including laboratory work and virtual labs, into its curriculum. Students gain hands-on experience through training on the maintenance and repair of lab equipment, extending their knowledge beyond the standard syllabus. The institute utilizes a variety of learning methodologies such as problem-based, case-based, project-based, inquiry-based, and cooperative learning to enhance student engagement. Students are encouraged to undertake innovative major and mini-projects that apply research methods to solve complex problems through experimental design and data analysis, fostering critical thinking and problem-solving skills.

Problem-Solving Methodologies

To enrich learning experiences, SNDCOE & RC employs various problem-solving methodologies that equip students to address real-world challenges effectively. Techniques such as root cause analysis, design thinking, and systems thinking are integrated into the curriculum, enabling students to systematically dissect complex issues. Through simulations and case studies, they learn to identify problems, generate creative solutions, evaluate alternatives, and implement effective strategies.

Participative Learning

Participative learning is fundamental to SNDCOE & RC's educational philosophy. Students engage in group discussions and brainstorming sessions to collaboratively develop solutions for complex engineering problems. Industrial visits provide exposure to current technologies, while a mandatory three-week internship for third-year students enhances practical experience. Innovative teaching methods such as debates, quizzes, role-playing, and creative projects foster an engaging learning environment, preparing students for successful engineering careers.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/2.3.1-Event-2023-24.pdf

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

SNDCOE & RCis committed to enhancing the teaching-learning process through advanced ICT-enabled facilities.

All classrooms and seminar halls are equipped with LCD projectors and internet connectivity, ensuring they are ready for use at any time. Each department features smart interactive boards that facilitate engaging and interactive teaching methods. LCD projectors are utilized for regular lectures, seminars, workshops, and educational videos, along with providing access to e-books and CDs. T

he communication skills training facility is enriched with ICT tools that help students develop proficiency in listening, speaking, reading, and writing.

ICT components are integrated into the curriculum across all engineering disciplines, utilizing software like MATLAB and SCI Lab for computations and simulations.

Course delivery is enhanced through PowerPoint presentations, video conferencing, and educational materials from renowned institutions.

The central library is fully ICT-enabled, featuring multimedia PCs, internet access, e-books, e-journals, and audio-visual facilities. Innovative pedagogical practices such as Google Slides, animations, and videos are employed to deliver course content effectively. Additionally, the institute conducts online assessments through Google Forms and hosts expert talks and webinars using platforms like Zoom and Microsoft Teams. This comprehensive approach ensures an enriched learning experience for all students.

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

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

latest completed academic year)

2.3.3.1 - Number of mentors

98

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

2.4 - Teacher Profile and Quality

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

138

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

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

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

15

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

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

2.4.3.1 - Total experience of full-time teachers

819

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

2.5 - Evaluation Process and Reforms

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

For every internal assessment rubrics are defined and well awared to all students which results satisfaction of every students, marks are shown to all with justification due to which grievence are almost nill. but mecanism is in placed for trasperency as per follwong details

1. Grievance Submission: Students are encouraged to formally submit grievances regarding internal examinations using the designated grievance form, either online or in hard copy, within a specified period after examination results are announced.
2. Acknowledgment: Upon receiving the grievance, the Dept/ exam cellacknowledges its receipt and provides information about the resolution process.
3. Facilitation of Discussion: If appropriate, a discussion may be arranged between the student and faculty or examiners, to seek an informal resolution.
4. Formal Investigation: If unresolved, a formal investigation is initiated by the Committee , which gathers evidence and hears from all involved.
5. Decision Making: After the investigation, the GRC makes a decision regarding the grievance and communicates this outcome to the student in writing within a defined timeframe.
6. Appeal Process: If dissatisfied with the resolution, students may appeal to a higher authority within a specified period.

7. **Final Resolution:** The final decision is communicated to the student, concluding the grievance process while maintaining records for transparency and future reference.

File Description	Documents
Any additional information	View File
Link for additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/2.5.1-Continuous-Evaluation-Process.pdf

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

For every internal assessment rubrics are defined and well aware to all students which results satisfaction of every students, marks are shown to all with justification due to which grievance are almost nill. but mecanism is in placed for trasperency as per follwong details

1. **Grievance Submission:** Students are encouraged to formally submit grievances regarding internal examinations using the designated grievance form, either online or in hard copy, within a specified period after examination results are announced.
2. **Acknowledgment:** Upon receiving the grievance, the Dept/ exam cellacknowledges its receipt and provides information about the resolution process.
3. **Facilitation of Discussion:** If appropriate, a discussion may be arranged between the student and faculty or examiners, to seek an informal resolution.
4. **Formal Investigation:** If unresolved, a formal investigation is initiated by the Committee , which gathers evidence and hears from all involved.
5. **Decision Making:** After the investigation, a decision regarding the grievance and communicates outcome to the student in writing within a defined timeframe.
6. **Appeal Process:** If dissatisfied with the resolution, students may appeal to a higher authority within a specified period.
7. **Final Resolution:** The final decision is communicated to the student, concluding the grievance process while

maintaining records for transparency and future reference.

File Description	Documents
Any additional information	View File
Link for additional information	https://exampr.unipune.ac.in/Student/Dashboard/LogintoSPS

2.6 - Student Performance and Learning Outcomes

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

Steps for Communicating Program and Course Outcomes

- 1. Definition and Development:** The institution clearly defines Program Outcomes (POs) and Course Outcomes (COs) for all offered programs, ensuring alignment with the educational objectives established by the University.
- 2. Documentation:** POs and COs are meticulously documented, outlining the specific skills and knowledge students are expected to acquire upon completing each program and course.
- 3. Approval Process:** The documented outcomes are submitted for approval to relevant academic committees, ensuring they align with institutional goals.
- 4. Website Publication:** Once approved, POs and COs are prominently displayed on the institution's official website, making them accessible to students, faculty, and prospective learners.
- 5. Faculty Communication:** Faculty members are informed about the POs and COs through departmental meetings and training sessions, ensuring they understand their significance in the curriculum.
- 6. Student Awareness:** The Head of Department conducts sessions at the start of each semester to explain POs and COs to students, highlighting their importance for academic success.
- 7. Display in Classrooms:** POs and COs are displayed in classrooms and laboratories, with faculty explaining these outcomes during lectures and practical sessions.
- 8. Inclusion in Course Files:** Each teacher includes POs and COs in their course files, mapping how assignments contribute to achieving these outcomes.

9. **Feedback Mechanism:** A system is established to gather feedback from students and faculty regarding the clarity of communicated outcomes for continuous improvement.
10. **Regular Updates:** The institution commits to regularly reviewing and updating POs and COs based on curriculum changes and industry trends, ensuring ongoing relevance.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/2.6.1-PO-PSOs.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Steps for Attainment of Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs)

1. **Mapping COs to POs and PSOs:** Each course outcome is mapped to the relevant program outcomes and program specific outcomes. This mapping provides a framework for quantitatively measuring how well the POs and PSOs are achieved.
2. **Assessment Design:** The concerned subject teacher prepares a CO-PO & PSO mapping for all courses within the program, ensuring that each assessment method aligns with the intended outcomes.
3. **Direct Assessment Methods:**
 - **Unit Tests:** Conduct regular unit tests that assess specific COs.
 - **In-Semester Examinations:** Administer in-semester exams that evaluate the attainment of relevant COs.
 - **Preliminary and End Semester Examinations:** Use these exams to assess overall attainment of COs. Each question is tagged to corresponding COs, allowing for targeted analysis of student performance.
4. **CO Attainment Calculation:** Calculate the overall attainment of each CO based on the average marks achieved by students in assessments, setting a target for final

attainment.

5. **Indirect Assessment:** Conduct a course-end survey or Student Satisfaction Survey to gather feedback on the perceived attainment of COs from students' perspectives.
6. **PO and PSO Attainment Calculation:** After course completion, departments analyze survey results to compute the attainment levels of POs and PSOs based on student feedback and performance data.
- 7.
8. **Reporting Results:** Communicate the results of CO, PO, and PSO attainment to faculty and stakeholders for transparency and accountability in the assessment process.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sndcoe.ac.in/pso/

2.6.3 - Pass percentage of Students during the year

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

258

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://sndcoe.ac.in/wp-content/uploads/2024/12/2.6.3.1-Annual-Report-2023-24-1.pdf

2.7 - Student Satisfaction Survey

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

<https://sndcoe.ac.in/wp-content/uploads/2024/12/2.7.1-Students->

[Satisfaction-Survey-2022-23.pdf](#)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

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

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

3.1.2.1 - Number of teachers recognized as research guides

1

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

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

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

0

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

3.2 - Innovation Ecosystem

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

SND College of Engineering & Research Centre (SNDCOE & RC) is committed to fostering a dynamic research culture among students and faculty through its comprehensive Research and Development (R&D) policy. This initiative aims to create an environment that encourages innovation and academic excellence. The institute actively seeks funding for faculty development programs, seminars, and workshops, enriching the academic landscape. Faculty and students are motivated to pursue patents for their innovations, while faculty members are encouraged to publish in peer-reviewed journals and present at prominent expos. Regular training programs for faculty enhance their expertise, which is then shared with students. The management fosters a secure and trusting atmosphere that nurtures creativity, transforming innovative ideas into actionable proposals. Various academic and administrative committees, led by senior faculty, guide research initiatives aligned with institutional goals. The management collaborates with department heads to turn faculty ideas into practical projects. Additionally, the college hosts expert talks with industry professionals and alumni to develop students' skills beyond the curriculum. Students are made aware of available resources and encouraged to engage actively in their research. This holistic approach ensures that SNDCOE & RC prepares students effectively for future challenges in their fields.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sndcoe.ac.in/about-dean/

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

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

19

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

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

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

0

File Description	Documents
URL to the research page on HEI website	https://sndcoe.ac.in/about-dean/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

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

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

93	
File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

10	
File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

SND College of Engineering & Research Centre (SNDCOE & RC) is deeply committed to extension activities that engage students with the local community, enhancing their awareness of social issues and fostering holistic development. The National Service Scheme (NSS) at the institute plays a crucial role in this effort, involving students in various initiatives aimed at addressing community needs. Throughout the year, students participate in activities such as tree plantation drives, blood donation camps, and health awareness programs. These initiatives not only benefit the community but also provide students with valuable insights into societal challenges. For example, awareness campaigns on digital literacy and government welfare schemes empower local residents and promote inclusivity. The impact of these extension activities is significant, as they help cultivate essential life skills among students, including leadership, teamwork, and empathy. Participation in NSS camps and community service projects

enhances their social responsibility and prepares them to become active, engaged citizens. By connecting academic learning with real-world issues, SNDCOE & RC ensures that students develop a well-rounded perspective on their roles in society. Ultimately, these efforts contribute to both personal growth for students and positive change within the neighborhood community.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/nss-programs/
Upload any additional information	View File

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

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

0

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

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

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red

Cross/ YRC etc., during the year

14

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

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

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

1666

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

3.5 - Collaboration

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

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

118

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

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

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

38

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institute has a policy for creation and enhancement of infrastructure in order to promote a good teaching learning environment. The College encompasses a well maintained lush green campus spread over 10 acres of land ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities as per AICTE norms.

College encompasses sufficient number of 39 Classrooms and Seminar Halls out of which 21 are ICT enabled with internet connectivity, Tutorial rooms, Laboratories, Language Laboratory, etc. all as per the AICTE requirements. SOP's are being made available in all the

laboratories.

Computing Equipments with adequate number of servers, computers, printers and scanners are available in the institute. The entire campus is Wi-Fi enabled with 24/7 internet facility to the students and staff with bandwidth of 300 mbps.

Our central library is fully computerized by automating the issue of books with bar code reader. The library has 4704 titles and 21050 volumes covering all major fields of Science and Engineering. Digital library facility is available with sufficient number of E-Journals , E-Books, CDs etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2023/12/4.1.1-The-Institution-has-adequate-infrastructure-and-physical-facilities-for-teachinglearning.pdf

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

- **Cultural:**

College has amphitheatre of area 974.89 Sq. Mtr. For celebration of cultural activities, nine seminar halls each of them have area of 135.83 Sq. Mtr. where students can celebrate different events. Every year annual social Gathering "Kshitij" is organised in the college premises in which all the students participate enthusiastically and bring glory to the program.

- **Sports:**

College has playground for outdoor games for playing cricket, Basket Ball, football, kabbadi, Kho- Kho etc. There is separate court yard for volleyball and badminton. Also college has indoor game hall which includes Table Tennis, Chess, Carrom.

- **Yoga:**

Yoga helps to instil confidence and to bring learning to

students and staff on an experiential level. Yoga teaches them to persevere, be patient, and work towards their goals. Yoga also provides tools for practicing compassion, mindfulness, generosity, focus, strength, and flexibility. By changing our lifestyle and creating consciousness, it can help in well-being. So we work towards adopting an International Yoga day on 21st June. College invites Yoga Expert to guide the importance of 'Yoga' to students and staff on same day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2023/12/4.1.2-Adequate-facilities-for-cultural-and-other-events.pdf

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

26

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2023/12/4.1.3-ICT-Geotagged-Photos.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

217.87

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

The library is partially automated using e-library Management System Software Since 2011 to till date. The ILMS details are given below:-

Sr. No.

Name of the ILMS Software

Nature of Automation

Version

Year of Automation

01

Library Manager Software

Partially

Offline

2011 to 2020

02

e-library Management System Software

Partially

Online (2.0)

2021 to 2024

The library is fully automated with 2.0 e-library Management System Software with barcode technology. The library has rich collection of text book, reference books, handbooks, rare books & competitive books etc. The total number of books available in library 21050 volumes with 4704 titles as on 25 November 2024.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://sndcoe.ac.in/wp-content/uploads/2023/12/4.2.1-Library-is-automated-using-Integrated-Library-Management-System-ILMS.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

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

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

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

2.92

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

237

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

4.3 - IT Infrastructure

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

IT facilities have been updated on regular basis and Institute has always given priority for upgradation of IT facilities.

- Internet Connection:

The institute regularly updates the internet connection every year and as of now, the available internet bandwidth is 300 Mbps provided by Meera Network.

- No. of Systems and their Configuration:

Institute is having total of 618 computers with the configuration of Processor i5, i7, 4 GB RAM, 500 GB Hard Disk.

- Firewall/Security:

Institute uses firewall service from UNTANGLE NXG16.

- Networking Peripherals:

Institute has networking devices i.e. IBM Servers, Routers

provided by D-Link, Cisco Gigabit Ethernet switches etc.

- **Software's:**

The institute has license copies of Windows Operating System and also works with open-source operating systems like Ubuntu, Linux OS and other software tools such as Postgres, Cisco packet tracer, ns2, Wireshark, Python, CLDC wireless toolkit, open GL, Spark, Hadoop.

- **I/O Devices:**

The institute purchases Projectors, Printers, Photo Copying Machines, and Plotters as per the requirements given by the departments.

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

4.3.2 - Number of Computers

640

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic

support facilities) excluding salary component during the year (INR in Lakhs)

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

204.44

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

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

- **Civil infrastructure:**
 General civil maintenance and upkeep of civil infrastructure is carried out by the Civil Maintenance Department at Society level.
- **Electrical Maintenance:**
 Electrical maintenance is done with the help of 'electricians' appointed by institute and major work is outsourced to local skilled agencies.
- **Water supply:**
 RO in charge is appointed by institute for look towards its working. The quality of drinking water is maintained and recorded daily. Required plumbing work in the campus is done in-house. Maintenance of RO is done by external agency through AMC.
- **Garden and landscape:**
 A special person is appointed by Society for maintenance of garden.
- **Housekeeping:**

The house keeping is outsourced to external agency by awarding annual contract including the sanitary materials and takes care of cleaning of all the utilities.

- Maintenance of laboratories are as follows:

The calibration, repairing and maintenance of sophisticated lab equipment's are done by the technicians of related owner enterprises.

- Library:

Library issues such as requirement and purchases of books, weeding out of old titles, schedule of issue/return of books etc. are chalked out / resolved by the library committee as per policy.

- Sports:

Regarding the maintenance of sports equipment the college sports in charge is deputed.

- Classrooms:

Classrooms are maintained by housekeeping agency and for major requirements administrative officers will look after.

- Procedures for maintaining computers:

There is centralized computer center for maintenance & repairing.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sndcoe.ac.in/procedure-and-policies/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year	
1385	
File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File
5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year	
5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year	
44	
File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above

File Description	Documents
Link to Institutional website	https://sndcoe.ac.in/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

548

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

548

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

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

155

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

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

5.2.2.1 - Number of outgoing student progression to higher education

11

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

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

government examinations)	
5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year	
8	
File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File
5.3 - Student Participation and Activities	
5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year	
5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.	
0	
File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File
5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)	
Students are given exposure to involve in administrative, co-curricular and extracurricular activities by including them as	

members of the committees in which direct and indirect relation with students is important. They actively participate in committee meetings.

The following are main Committees having student representation and engagement.

1. Department Association Committee: In each department of the institute "student's associations" are formed under mentorship of faculty co-ordinator.". The curricular and extracurricular activities are carried out under student's associations.

2. Sports Committee: This Committee organizes interdepartmental sport event. Our students actively participate in various indoor and outdoor sports.

3. Cultural Committee: This committee co-ordinates various cultural activities and events throughout the year. "KSHITIJ", an annual cultural event of our institute provides platform to the students to organize and participate activities through various event committees under KSHITIJ.

4. Internal Quality Assurance Cell (IQAC): The student representative is involved in IQAC. The student representative can present his/her ideas and put-up suggestions in regular meeting of IQAC. Thus, he/she is also active member in policy making process of IQAC.

5. Anti-Ragging Committee: This committee ensures zero ragging incidents in the institute and also spreads awareness among students against any type of ragging activities.

6. Anti-Sexual Harassment Committee: This Committee is responsible for investigating every formal written complaint of sexual harassment and taking appropriate remedial measures to respond to any substantiated allegations of sexual harassment.

7. Grievance Redressal Committee: This committee addresses student grievances and maintains harmony and discipline among the students.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/governing-body/
Upload any additional information	View File

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

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

17

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

5.4 - Alumni Engagement

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

YES, we have registered Alumni Association which is formed in 2020-21. Alumni are one of the main stakeholders of the institute as they contribute immensely to the development of the institute in multiple dimensions. Alumni of the institute are providing mentoring services to institute, this became influential in making students understand the industry institute gap and also the way to plan and shapeup their career in right direction and making the students to understand various business opportunities and providing all the support required for preparing the students to become industry ready or to make as entrepreneurs by knowing the current dynamics of the industry.

The institute is conducting many alumni-based events like

online virtual meets, Reunions, Guest lectures and knowledge sharing sessions, during events, the Alumni are sharing their success stories to the ongoing students. Alumni could bring the need for tool-based learning, conducting project based labs and hackathons. Alumni have deliberated on concentrating on industry-based research projects and undertaking consultancy based on the expertise of the faculty and the kind of research labs supported by the department. Alumni are helping to develop quality standards that could be used for enhancing and raising high quality of delivery of educational system.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/alumni/
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

SND College of Engineering and Research Center, governed by the Jagadamba Education Society, has a comprehensive governance framework that ensures quality education and institutional excellence. Here are the key components of its governance and operational structure:

1. Board of Governors (BoG):
 - Composed according to AICTE guidelines, the BoG meets biannually.
 - Members encourage efforts to maintain quality standards and provide strategic guidance to stakeholders.
 - Focuses on creating versatile engineers equipped to serve society effectively.
2. College Development Committee:

- Responsible for discussing institutional progress and planning future initiatives.
- Makes decisions aligned with the college's vision and mission, ensuring continuous improvement.
- Prepares resolutions that guide the college's strategic direction.

3. Implementation Plan

- The plan includes infrastructure and facilities development, procurement of learning resources, appointment and training of faculty and staff, coordination of academic, co-curricular, and extracurricular activities, and student training and placement initiatives.

4. Internal Quality Assurance Cell

- Monitors academic quality and implements best practices across departments.
- Conducts regular assessments to ensure adherence to quality standards.

5. Faculty Participation:

- Faculty members are actively involved in various committees, including Anti-Ragging, Research, Examination, Faculty Development, Placement, and Internal Complaint Committee (ICC).

6. Student Involvement:

- Students are encouraged to participate in governance through representation in various committees..

7. Continuous Improvement:

- Regular audits and evaluations are conducted to assess the effectiveness of programs and initiatives.
- The institution is committed to adapting to changing educational needs and technological advancements.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/governing-body/
Upload any additional information	View File

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

1. Participative Management System:

- Involves collective decision-making among the Principal, Deans, Heads of Departments (HODs), Examination In-charge, Training and Placement Officer, Dean of Academics, academic coordinators, tutors (mentors), class teachers, and the Registrar.

2. Decentralized System:

- A well-defined system is in place to follow university guidelines for internal assessments and end-semester examinations.

3. Examination Cell:

- Operates under the Principal's guidance and collaborates closely with the Controller of Examinations at SPPU.
- Disseminates instructions to HODs and Departmental Exam Coordinators.

4. Departmental Exam Coordinators:

- Manage semester-wise student enrollments and upload marks for internal assessments (theory and practical).
- Oversee examination form fill-ups (regular and backlog) and handle scrutiny and review processes.

5. Academic Committees:

- Various committees (e.g., library committee, timetable committee, attendance monitoring committee) ensure smooth day-to-day academic operations.
- Focus on holistic development and enhancement of student facilities and experiences at the institute.

6. Feedback Mechanisms:

- Regular feedback from students and faculty is collected to improve academic programs and administrative processes.

◦

7. Professional Development:

- The institution emphasizes faculty development through workshops, training programs, and conferences to enhance teaching methodologies.

8. Student Support Services:

- Dedicated committees address student grievances, provide counseling services, and facilitate extracurricular activities to ensure a supportive learning environment.

9. Collaboration with Industry:

- The college maintains partnerships with industry stakeholders for internships, placements, and guest lectures, enhancing practical exposure for students.

10. Monitoring Academic Performance:

- Regular monitoring of academic performance is conducted to identify areas for improvement, ensuring that students meet learning outcomes effectively.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/governing-body/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategy Development and Deployment at SND College of Engineering and Research Center

1. Perspective Plan:

- The institute has implemented a strategic perspective plan since its establishment, focusing on continuous improvement in various areas.

2. Infrastructure and Academic Expansion:

- Progressive expansion of infrastructure and academic programs to support the growing needs of students and faculty.

3. Resource Procurement:

- Essential resources have been procured to enhance the educational environment and support learning outcomes.

4. Standardized Practices:

- Institutional practices have been standardized to ensure consistency and quality in educational delivery.

- **Human Resource Development:**

- Recruitment, training, and nurturing of human resources aligned with the institute's vision, emphasizing a learner-centric approach.
- Continuous professional development programs

for faculty to keep abreast of educational trends.

5. Milestones Achieved:

- Significant milestones include the successful implementation of 'The Academic,' focusing on faculty qualification improvement and enhancing the teaching-learning environment.

6. Institutional Strategic Goals:

- Efficient teaching and learning processes.
- Effective leadership and participative management.
- Constant internal quality assurance system.
- Ensuring effective governance and student development through participation.
- Employee advancement and welfare.
- Faculty participation in faculty development programs (FDP).
- Increasing placement opportunities.
- Addressing grievances of women, students, and faculty.
- Financial planning and management.
- Strengthening institute-industry interaction.
- Encouraging budding entrepreneurs through incubation centers.
- Promoting research and development initiatives with funding support.
- Boosting internal revenue generation through workshops and training programs.
- Enhancing alumni interaction and outreach activities for networking opportunities.
- Expanding physical infrastructure to accommodate growing student enrollment.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://sndcoe.ac.in/college-development-committee/
Upload any additional information	No File Uploaded

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

Functioning of Institutional Bodies at SND College of

Engineering and Research Center

1. **Participative Management Approach:**
 - Aimed at developing versatile engineers ready to serve the nation and the world.
2. **Leadership Structure:**
 - Comprises the Governing Body, Principal, Heads of Departments (HODs), teaching staff, and non-teaching staff.
3. **Governing Body:**
 - Oversees the strategic direction of the institution.
 - Reviews academic aims, financial strategies, and recruitment policies.
4. **Organizational Hierarchy:**
 - Supports decision-making at appropriate levels to ensure educational effectiveness.
5. **Committees and Cells:**
 - Establishes various committees, including the Internal Quality Assurance Cell (IQAC) and Anti-Ragging Cell.
 - Provides academic and administrative leadership in compliance with university and government guidelines.
6. **Stakeholder Involvement:**
 - Diverse stakeholders participate in committees, enhancing decision-making processes.
7. **Quality Assurance:**
 - Maintains a constant internal quality assurance system to monitor educational standards.
8. **Employee Welfare:**
 - Emphasizes employee advancement through professional development programs.
9. **Student Participation:**
 - Encourages student involvement in governance through representation in committees.
10. **Grievance Redressal:**
 - Mechanisms are in place to address grievances of students, faculty, and staff.
11. **Financial Management:**
 - Conducts financial planning to align resource allocation with institutional goals.
12. **Industry Interaction:**
 - Regular interactions with industry partners enhance practical exposure for students.
13. **Research and Development:**

- Promotes research initiatives and encourages engagement in innovative projects.
14. Alumni Engagement:
- Active alumni interaction helps in networking and provides insights into industry trends.
15. Infrastructure Development:
- Continuous growth in physical infrastructure supports academic programs and enhances student experiences.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/governing-body/
Link to Organogram of the institution webpage	https://sndcoe.ac.in/organization-structure/
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above
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File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies
6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff
The faculty is honored with an incentive in the form of cash for various distinguished merit activities in the field of academics and research. For career progression, Faculty Development Programs (FDP) conducted at TCET are either Self-Financed, sponsored by approving authorities like AICTE / ISTE,

or Training Programs offered by IIT's conducted at TCET (Remote Center). FDPs have proven to be beneficial to faculty members as well as students. During these FDP's there is a high level of exchange of ideas. Substantial leaves will be sanctioned with full pay to the teaching staff for attending FDP, workshops, conferences, who have registered for / pursuing to attend the Ph.D work. Appreciation for the faculty member for good work. Institute follows a well-defined and framed model of performance appraisal system namely API (Academic Performance Indicator) as per UGC guidelines It is based on mainly three categories Teaching, learning and evaluation related activities Professional development, co-curricular and extension Activities Research and Academic Contribution Professional development, co-curricular and extension Activities Research and Academic Contribution Student satisfaction is given utmost importance at the Institute and hence it is a part of the faculty appraisal system. The feedback helps to review and improve the quality of the teaching learning processes and measure the effectiveness of course design and delivery. The feedback is conducted in online/offline mode and complete confidentiality and anonymity is maintained. Apart from feedback, faculty is also assessed on performance of the students.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/general-policy/
Upload any additional information	View File

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

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

35

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

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

196

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

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

Institute follows a well-defined and framed model of performance appraisal system namely API (Academic Performance Indicator) as per UGC guidelines It is based on mainly three categories

Teaching,

learning and evaluation related activities

Professional development,

co-curricular and extension Activities

Research and Academic Contribution

Professional development,

co-curricular and extension Activities

Research and Academic Contribution

Student satisfaction is given utmost importance at the Institute and hence it is a part of the faculty appraisal system. The feedback helps to review and improve the quality of the teaching learning processes and measure the effectiveness of course design and delivery. The feedback is conducted in online/offline mode and complete confidentiality and anonymity is maintained. Apart from feedback, faculty is also assessed on performance of the students.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/6.3.5-Faculty-Appraisal.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The mechanisms used to monitor effective and efficient use of financial resources are as below:

Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering therecommendations made by the heads of all the departments, to the management.

College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non - recurring expenses like lab bequipment purchases, furniture and other development expenses.

The expenses will be monitored by the accounts department as per the budget allocated by the management.

Process of the internal audit:

All vouchers are audited by an internal financial committee. The expense incurred under different heads is thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the principal.

Process of the external audit:

As per the government rule the accounts of the college are audited by chartered accountant regularly. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/6.4-Financial-Management.pdf
Upload any additional information	View File

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

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

1.27

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

SND COE and RC is a self-financing private institute. It has a well- defined financial policy which ensures optimal utilization of finances for academic, administrative and research activities.

The institute is being run with self sufficient funds generated from tuition fee and other miscellaneous incomes.

In case of shortage of funds, the management supports by providing the finance. In case activities like expansion and renovation of building, the management always supports by providing required finance. Financial planning is done at the beginning of th cademic year well in advance with efficient budgeting involving all the Heads of Academic Departments and Administrative Sections.

The management reviews all the financial activities through

scrutiny of budgets and expenses in every quarter

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/wp-content/uploads/2024/12/6.4-Financial-Management.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

Internal Quality Assurance Cell (IQAC)

IQAC conducts an internal academic audit twice and takes appropriate remedial actions to improve the quality of technical education. The basic aim is to determine the existence, operation, and effectiveness of the quality system.

The continuous improvement is achieved through periodic audits and satisfying statutory requirements.

Faculty members plan the academic conduct as per the syllabus, detailing and developing resource book and course file, designing practice sessions, assignments, and experiments, and effective conduct of the academics.

All lectures and practical classes are to be conducted as per the plan and are reviewed time to time to improve the efficiency and effectiveness of teaching learning during the semester.

The latest available teaching methods, various modes of learning and digital platforms are also used. The TLP is monitored at 3 levels: Faculty, HOD and leadership mentors.

Academic audits help the college to know their strength and challenges and IQAC to assess the quality status individually and institution as a whole. It also helps in identifying the best practices that can be evolved and institutionalized. During the audit, course files are thoroughly verified.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/internal-quality/
Upload any additional information	View File

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

Institute has implemented the Academic Audit System that helps to attain the mission and to march towards the vision. To ensure the directed and significant progress the internal academic audit through IQAC and external academic audit by the external experts are done twice a year, generally at the end of the first semester and at the end of the second semester.

The audit system undertakes continuous monitoring and evaluation of the departmental academic processes and practices. Internal Academic Audit System :Every academic year the members of the Internal Academic Audit Committee are nominated by IQAC.

Generally, the members of the Internal Academic Audit Committee are the Academic coordinator of the respective department and two academic coordinators of the other departments.

The main objective of the Internal Academic Audit Committee is to verify the academic activities of the departments as per the defined standards and the processes and prepare the detail report.

The Internal Academic Audit report is submitted to IQAC. Based on the submitted report IQAC prepares the suggestions..

External Academic Audit Committee:The members of the External Academic Audit Committee are appointed by the head of the Institute as per the recommended names from the department. This committee is constituted of three or four members, minimum of one member from the Industry and others from academia.

File Description	Documents
Paste link for additional information	https://sndcoe.ac.in/vice-principals-desk/
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	A. All of the above
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File Description	Documents
Paste web link of Annual reports of Institution	https://sndcoe.ac.in/wp-content/uploads/2024/12/6.5.3.1-Annul-report-2023-24-.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institution understands the responsibility towards gender equality, and many initiatives have been taken to consider it. The institute has a culture of equal opportunity for all cadres and genders. The main services provided to females are listed below

- 1. Safety & Security** Presence of security personnel to

encourage a safe and ragging-free environment.

2. Counseling: To resolve day to day academic problems of the students & motivate them, mentors are appointed for a batch of students, and they will counsel the respective students once a week.

3. Common Room. In the institute, separate boys and girls common rooms are provided at various locations during the leisure and lunch hours.

4. Day Care center for younger children. Sanstha's sister concerned English Medium, close, is extending the support to provide daycare facilities to our faculty's children.

5. Other relevant initiatives by institutes. We organized following events to promote gender equality and sensitization in cocurricular: I] National Girl's Child Day II] National Women's Day III] Nirbhaya Day

File Description	Documents
Annual gender sensitization action plan	https://sndcoe.ac.in/wp-content/uploads/2024/12/Annual-gender-sensitization-action-plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://sndcoe.ac.in/wp-content/uploads/2024/12/Specific-facilities-provided-for-women.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above
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File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

Solid Waste Management:

The Institute follows the principle of 3R (Reduce, Reuse and Recycle).

In our institute, we have a simple solid waste management system. Paper and paper products, pens, disposable drink containers, waste food in canteen and compostable organic material etc. are the waste products in college campus. Adequate number of trash cans and dust bins are placed all over the campus. We separately collect these wastes at different locations in bins according to the properties like disposable and non-disposable waste material as well as solid and liquid waste.

Liquid Waste management:

The chemical waste of the laboratory is fully diluted with water and drained out. Liquid waste generated from canteen comprises of food wastes, dairy products and domestic waste water is discharged in soak pit. The toilet waste is collected through piping system and discharged into septic tank.

E-waste management:

E-waste of computers, electronic and electrical instruments is used for demonstration purpose to the students. Whereas outdated and scrap e-waste is handed over to local authorized scrap vendor. UPS batteries are exchanged with new batteries considering scrap values from the suppliers. The institute also takes benefit of the various buy back offers from the suppliers.

The institute does not generate hazardous waste, radioactive waste and biomedical waste.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1.Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	A. Any 4 or All of the above

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

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

<p>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	No File Uploaded

<p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

Tolerance and harmony towards cultural and communal diversities:

- Independence Day, Republic day are celebrated every year. Constitutions Day, National Voters Day, Reading Inspiration Day, are celebrated.
- To ensure religious harmony among students, major religious festivals are celebrated .
- The minority cell, OBC cell and SC/ST committee are organizing meetings to ensure harmony among students.

Tolerance and harmony towards regional, linguistic diversities:

The institute has been established in 2006 and most of the Non-Maharashtra students also took admission and successfully completed graduation.

- The institute has a residential facility in campus with hostels.
- Currently, majority of faculties are from Maharashtra and few faculty are from out of Maharashtra.
- Marathi Language Day is celebrated in the institute.

Tolerance and harmony towards socioeconomic diversities:

- The Earn and Learn Scheme is effectively implemented for Economically Backward Class students.
- The institute implements the Government schemes like Tuition Fee Waiver Scheme (TFWS), EBC and SEBC scholarship, Panjabrao Deshmukh Scheme for accommodation.
- Majority of students are from rural families and they requires extensions in paying fees. The institute allows such type of students to pay fees in instalment.
- Right from the establishment of the institute, the dress code is adopted to avoid social and economic disparity.

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

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

Our Institution proceeds all possible initiatives in arrangement of various events and programmes for molding the students and staff to become accountable citizens of the country by sensibilibse them to the constitution of the country.

Activities for constitutional obligations: Values

- The morning schedule starts with the National anthem and ends with the National Song in the evening; centrally it motivates students with positive vibes.
- Constitutions Day, National Voters Day, ReadersInspiration Day, are celebrated.
- The National Service Scheme (NSS) unit works to motivate the students and the unit is always successfully conducting activities to provide service the society.

Activities for Duties and responsibilities of citizens:

- Every faculty, students and staff follows the dignity of national anthem and national song.
- Independence Day, Republic day are celebrated every year with grand auspicious function.
- The audit courses regarding values, rights, duties and responsibilities of citizens, "Introduction to Constitution" is preferred for students in academic learning.
- The eminent personalities visited the campus during annual functions and guided the students regarding values, ethics and patriotism.
- In the campus tobacco chewing and smoking is banned.
- Water saving and Electricity saving oath is followed by students, faculty and staff members in induction program and Energy Conversion Week.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://sndcoe.ac.in/wp-content/uploads/2024/12/Details-of-activities-that-inculcate-values-necessary-to-render-students-in-to-responsible-citizens.pdf
Any other relevant information	Nil

<p>7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff</p> <p>4. Annual awareness programmes on Code of Conduct are organized</p>	<p>A. All of the above</p>
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File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

<p>7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals</p> <p>Institution celebrates commemorative days, events and festivals at college and department level.</p> <p>Commemorative days:</p> <p>Independence day and Republic day is celebrated. Birthday anniversaries of Mahatma Gandhi, Chhatrapati Shivaji Maharaj,</p>

Marathi Bhasha Din are celebrated.

Events:

Teacher's Day is celebrated on occasion of birth anniversary of Dr. Sarvpalli Radhakrushnan, which is celebrated centrally as well as at departmental level. The Engineers day is also celebrated on occasion of birth anniversary of Sir. M.Vishweshwarayya .

Festivals:

The tradition of celebrating Ganesh Festival, Khandenavami, Navratri, Holi, festival is continued. KSHITIJ annual cultural festival is celebrated every year at grand level. Such a celebrations enhances the involvement of students in organizing the events ultimately improves their team work, event handling ability and confidence. Singing, Dancing, Drama, Musical Instrument Playing, Traditional Day, Cultural Day, Rangoli Competition , Poster Presentation , Face Painting etc. are the parts of KSHITIJ. Students are felicitated and awarded at the Institute for their remarkable performance and achievement in cultural activities and events. Institute organizes fresher's party and induction program for first year students in which various activates are conducted for overall development. Departmental Associations events include skits on various occasions, Engineer's Day, Teacher's Day, Guru-Pournima.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Title of the Best Practice 1: Digital Content Development

Objectives

- Promote generation of e-Content in all subjects.
- Develop teachers and experts resources in e-Content creation.

Context

Individual course components i.e. units, lessons and media elements such as graphics and animations can be re-used in different contexts.

The Practice

Institute has its own portal as digital repository and for access of these video lectures link is available on website.

A] Development of Digital content.

B] Content Scrutiny by subject expert.

C] Uploading the content.

Evidence of Success

improvement in result and quality of the teaching. Interbranch placement of students.

Problems Encountered and Resources Required

1) Audience's Challenges

2) Presentation Challenges

3) Personal Challenges

Resources Required

Internet, webcamera, recording room, editing software.

Best Practice 2: Comprehensive Student Monitoring System.

Objectives

- To monitor the students regularity discipline
- To enable the parents to know about the performance regularity of their wards.
- To establish a first line of communication for each

student with the institution.

The Context

Inculcating discipline, punctuality and motivation among the students is the main objective in career building of a student.

The Practice

1. Formation of Batch.
2. TG allotment.
3. Meeting planning by dean and conduction.
4. MoM and report to HoD,
5. Consolidated report to Principal and action taken.

Evidence of Success

The improvement in attendance of the students speaks volumes regarding steps taken for monitoring the students.

Problems Encountered and Resources Required

No problem is encountered in this process but active involvement of faculty is required.

File Description	Documents
Best practices in the Institutional website	https://www.youtube.com/@SNDCollegeofEnggRC/featured
Any other relevant information	https://sndcoe.ac.in/wp-content/uploads/2023/05/Best-Practice-2.pdf

7.3 - Institutional Distinctiveness

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

Giving back to society and Environment. The institute believes in high standards of academic, professional, and societal performance. We believe that college life is not all about

academics, games, friends, and fun. It is also about learning to interact with other people, being aware of social, environmental and gender issues, and inequities in society.

In line with its vision of working towards the socio-economic development of the country, the institute, Yeola has taken utmost care to give back to the community. Several student committees are formed to carry out the duties towards society. The one-week-long intense induction program gives the freshmen an insight into the institute's values and vision.

Along with other sports cultural and technical activities, the NSS unit plans activities like tree plantation and field visits to expose the students to the pressing issues in our society. As a special thrust, societal development is also instilled on a large scale into the students through the active NSS unit which undertakes various services to inculcate social values. Throughout the year, the NSS unit undertakes a plethora of events ranging from street plays, cleanliness drives, tree plantation drives, donation drives, waste management drives, gender equity, field visits, and many more.

B] Additional Utilization of Resources. Facilitation Centers for Engineering Admission process. Department Services and Consultancy.

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

7.3.2 - Plan of action for the next academic year

- 1.To promote Research by students and faculty.
- 2.To arrange career guidance programmes.
3. To provide holistic value-based education and inculcate entrepreneurial abilities in students to face the challenges of the corporate world.
- 4.To increase extension activities.
- 5.To develop more formal linkages through MoUs.

- 6.To facilitate continuous upgradation of the college.
- 7.To organise more workshops, seminars and conferences.
- 8.To undertake quality related research studies, consultancy, and training programmes.
- 9.To emerge as an exemplar to other colleges.
10. Applying for Autonomy along with 2F and 12 B UGC recognition.