



# YEARLY STATUS REPORT - 2020-2021

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	<b>SNS COLLEGE OF ENGINEERING</b>
• Name of the Head of the institution	<b>Dr.S.Charles</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone No. of the Principal	<b>7550316708</b>
• Alternate phone No.	<b>7339223443</b>
• Mobile No. (Principal)	<b>9443914199</b>
• Registered e-mail ID (Principal)	<b>principalsnsce@gmail.com</b>
• Address	<b>SNS Kalvi Nagar, Sathy Main Road (Opp. CRI Pumps), Kurumbapalayam (Po), S.S.Kulam (via),</b>
• City/Town	<b>Coimbatore</b>
• State/UT	<b>Tamilnadu</b>
• Pin Code	<b>641107</b>
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	<b>07/08/2019</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr. P.Gnanasundari**
- Phone No. **7550316708-121**
- Mobile No: **9443407147**
- IQAC e-mail ID **iqac.snsce@gmail.com**

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

<https://bitrix24public.com/sns.bitrix24.com/docs/pub/563d4c8dbe6ea02f6bcbcd564b306048/default/?&>

**4.Was the Academic Calendar prepared for that year?**

**Yes**

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

<https://bitrix24public.com/sns.bitrix24.com/docs/pub/afd98892015efc5c738e18074e536081/default/?&>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.01</b>	<b>2015</b>	<b>24/12/2015</b>	<b>02/03/2020</b>
<b>Cycle 1</b>	<b>A</b>	<b>3.01</b>	<b>2024</b>	<b>03/03/2020</b>	<b>31/12/2024</b>

**6.Date of Establishment of IQAC**

**15/01/2015**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>11/11/2020</b>	<b>0</b>

**8.Provide details regarding the composition of the IQAC:**

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

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

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

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

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

- If yes, mention the amount

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

1.Patents and Funding Projects 2.Training and Placement Activities 3.Paper publication 4.Various Teaching Pedagogy 5.To initiate International Conference at emerging area

**1.Constant encouragement to promote research ethics among faculty members**  
**2.Promoting Instructional / Digital / Online Teaching during Pandemic 3 (Programme) in UG Computer Science**  
**Administrative Audits were conducted and participate in Smart India Hackathon by AICTE**

**12.Plan of action chalked out by IQAC at the beginning of the year for quality enhancement and the outcome achieved by the end of the year**

Plan of Action
Faculty members should be motivated to publish the research articles in high impact factor journals SCI/Scopus/WoS
Employability Skill Test programmes to students of all branches.
Motivate the faculty members to participate various programmes organized by other Institutions.
Faculty members are motivated to register for online course for quality improvement and Career advancement.
Students should be motivated to participate in Competitions.
Training Programmes should be organized for students to compete in competitive examinations like GATE, TOEFL, CAT, MAT, etc., and to improve placements.
E-resource contents in Library should be enhanced.

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

- Name of the statutory body

Name of the statutory body
<b>Governing Council</b>

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

- Year

<b>Pa</b>
<b>Data of the</b>
<b>1.Name of the Institution</b>
<ul style="list-style-type: none"> <li>• Name of the Head of the institution</li> </ul>
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<ul style="list-style-type: none"> <li>• Registered e-mail ID (Principal)</li> </ul>
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• Mobile No:									
• IQAC e-mail ID									
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• if yes, whether it is uploaded in the Institutional website Web link:									
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1. Patents and Funding Projects 2. Training and Placement  
Teaching Pedagogy 5. To initiate International Conference













	<b>Extended</b>
<b>1.Programme</b>	
1.1	Number of programmes offered during the year:
File Description	
Institutional Data in Prescribed Format	
<b>2.Student</b>	
2.1	Total number of students during the year:
File Description	
Institutional data in Prescribed format	
2.2	Number of outgoing / final year students during the year:
File Description	
Institutional Data in Prescribed Format	
2.3	Number of students who appeared for the examination conducted by the institution during the year:

File Description
Institutional Data in Prescribed Format
<b>3.Academic</b>
3.1
Number of courses in all programmes during the
File Description
Institutional Data in Prescribed Format
3.2
Number of full-time teachers during the year:
File Description
Institutional Data in Prescribed Format
3.3
Number of sanctioned posts for the year:
<b>4.Institution</b>
4.1
Number of seats earmarked for reserved categories (GOI/State Government during the year:
4.2
Total number of Classrooms and Seminar halls
4.3
Total number of computers on campus for academic
4.4
Total expenditure, excluding salary, during the year (in Lakhs):
<b>Part</b>
<b>CURRICULAR ASPECTS</b>

**1.1 - Curriculum Design and Development**

1.1.1 - Curricula developed and implemented have met the global developmental needs which are reflected in the Specific Outcomes (PSOs) and Course Outcomes (COs) of the Institution.

The curriculum has been formulated in accordance with the guidelines of AICTE, affiliating institutions, and the vision and mission of the Institute. The curriculum is technology enabled development through the use of Educational Outcomes (PEOs) are defined in terms of Program Outcomes (POs) and Program Specific Outcomes (PSOs) out. The curriculum is developed in a manner that is made on student centric learning and the technical knowledge incorporated in the curriculum is technology enabled development among the students. The curriculum is thinking curriculum is implemented through research and outreach activities to reach potential excellence.

Structured committees at the department and institute level (Academic Council) are formed with reputed organizations/industry for 'review of disciplines'. Student feedback through various channels is considered for the updations during the development of curriculum.

The institute autonomy provides the scope to develop new courses for overall development in line with current industry needs. The choice of subjects by the institute has given scope to the students to explore domain subjects/technologies and to undertake project work for the development of their skills.

File Description	Documents
Upload additional information, if any	
Link for additional information	

**1.1.2 - Number of Programmes where syllabus is updated**



<b>5</b>	
File Description	Documents
Minutes of relevant Academic Council/BOS meeting	
Details of syllabus revision during the year	
Any additional information	
<b>1.1.3 - Number of courses focusing on employability offered by the Institution during the year</b>	
<b>250</b>	
File Description	Documents
Curriculum / Syllabus of such courses	
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	
MoUs with relevant organizations for these courses, if any	
Any additional information	
<b>1.2 - Academic Flexibility</b>	
<b>1.2.1 - Number of new courses introduced across the Institution during the year</b>	
<b>250</b>	
File Description	Documents
Minutes of relevant Academic Council/BoS meetings	
Any additional information	
Institutional data in prescribed format (Data Template)	
<b>1.2.2 - Number of Programmes offered through the Course System</b>	
<b>10</b>	

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	
Any additional information	
List of Add on /Certificate programs (Data Template)	

**1.3 - Curriculum Enrichment**

1.3.1 - Institution integrates cross-cutting issues of Values, Environment and Sustainability, and Human

**Courses to address Environment and Sustainability**

The curriculum includes various courses that address concern for environment, awareness and sustainability. For example, the courses Environmental Impact Assessment, Social Impact Assessment, Green Building, Wastewater Treatment, Air Pollution and Control, Solid Waste Management and Green Computing are designed to address Environment and Sustainability.

**Courses to address Human Values and Ethics**

The curriculum includes various courses that address Human Values and Ethics, which include Indian Constitution, Professional Ethics, Human Rights, Global Culture and Diversity.

As a part of Social Responsibility, the institution conducts various activities like Neighborhood School Program, Blood Donation, Anti-Drug Day, Swachh Bharat, Road Safety, AIDS Rally, Health Check-Up, Eye Check-Up, Career Evaluation Test, Talent Hunt & Training, and recognizing the young talents. The institution has a promise that everyone should contribute to working for the social, cultural and environmental well-being.

**Gender Issues**

The learning culture provides various opportunities to demonstrate professional behavior. The institution has the Anti-sexual harassment committee and conducts events like Seminar, panel discussion, and awareness programs.

The impact of these programs is e  
 portrayed by all students irrespe  
 respect for opposite gender as we

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

### 1.3.2 - Number of value-added courses for imp during the year

23

File Description	Documents
List of value-added courses	
Brochure or any other document relating to value-added courses	
Any additional information	

### 1.3.3 - Number of students enrolled in the cour

1237

File Description	Documents
List of students enrolled	
Any additional information	

### 1.3.4 - Number of students undertaking field w

698

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	
Any additional information	

**1.4 - Feedback System**

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

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://bi...m/docs/pub">https://bi...m/docs/pub</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	
Any additional information	

**1.4.2 - The feedback system of the Institution comprises the following**

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://bi...m/docs/pub">https://bi...m/docs/pub</a>
Any additional information	

**TEACHING-LEARNING AND EVALUATION****2.1 - Student Enrollment and Profile****2.1.1 - Enrolment of Students****2.1.1.1 - Number of students admitted (year-w**

**351 333 442**

File Description	Documents
Any additional information	
Institutional data in prescribed format	

**2.1.2 - Number of seats filled against reserved per the reservation policy during the year (exc**

351

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

**2.2 - Catering to Student Diversity**

2.2.1 - The institution assesses students' learning slow and advanced learners.

The student's data base were coll internal exam marks, assignment a on the analysis, students are cat medium learners and advanced lear

The Institution has a well establ Mentee System for every 20 studen in all aspects.

Peer group Learning : Students an bright, weak and average. Every g of their own interest to study. T actively involve in their own lea connection between the learner an

Remedial classes : Need based rem the department to the slow learne study holidays.

Support to the Advanced learners

- Class Toppers & Overall top certificate and cash prize" the Final year respectively
- Scholarship has been provid
- Encouraged to take up innov funding
- Encourage to achieve univer take up competitive examina
- Encourage to publish their conferences& Journals

- Motivate the students to pa
- SPINE -Workspace also provi

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

**2.2.2 - Student – Teacher (full-time) ratio**

Year	Number of Stu
31/05/2021	12

File Description	Documents
Upload any additional information	

**2.3 - Teaching- Learning Process**

2.3.1 - Student-centric methods such as experient solving methodologies are used for enhancing lea

The SNS Center for Learning and T inspire and support best practice promotes engaged, effective, stud learning for providing quality ed

The teaching learning process in geared up with best practices in upgradation in the major aspects using Design thinking Framework.

Student-centric learning faciliti or Video based presentations, ICT multiple choice questions,webinar Pedagogical methods, SNS coursewa presentations, ICT enabled Class Online multiple choice questions, through online resources.

Teachers' manual : The Course cor Workbook for Students and a Manua to be read and studied. The Workb

have its instructions followed and consist of the following

1. Learning Objective and outcome
2. Prerequisite
3. Structure of the session
4. Case studies and Project works
4. References
5. Teaching Methodology

File Description	Documents
Upload any additional information	
Link for additional Information	

2.3.2 - Teachers use ICT-enabled tools including learning

Information and Communication Technologies in SNSCE are equipped with facilities like Internet etc., to enable the students being taught in addition to that and enhance the learning experience of concepts better.

Students are also encouraged to attend Seminars for inculcating critical thinking process. CLT ( Center for Learning) with guidance and support to be effective and also creating an educational environment and innovation in teaching community.

Student-centric learning activities like play, analogy, project/ problem based learning, trends, quiz, online tests, brain mapping, group discussion and mind map techniques for better understanding of the students. facilities such as SNS courseware presentations, ICT enabled Class

questions, webinars and remote lessons are created for student's access

Students are encouraged to use ICT tools. They are encouraged to participate in college-level competitions in co-curricular activities.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="http://www.snsce.edu.in">http://www.snsce.edu.in</a>
Upload any additional information	

### 2.3.3 - Ratio of students to mentor for academic

#### 2.3.3.1 - Number of mentors

141

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

### 2.3.4 - Preparation and adherence to Academic Calendar

Academic calendar is prepared with the participation of all stakeholders and also in line with the guidelines of the affiliating University, College Handbook and released at the beginning of the year. The calendar is distributed to all stakeholders. The faculty prepares their tentative plan of action, identifies the content beyond syllabus, identifies the topics for lectures on required topics, prepares the lecture notes and displays the same in the respective classrooms.

Academic calendar also paves way for the faculty to undergo training programs, if required, for the dissemination. For students they are encouraged to attend Industrial visits during the academic year and plant training during vacation. W



Internal Examinations, it is possible to start preparing ahead of the examinations.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	

## 2.4 - Teacher Profile and Quality

### 2.4.1 - Number of full-time teachers against sanctioned posts

141

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	
List of the faculty members authenticated by the Head of HEI	
Any additional information	

### 2.4.2 - Number of full-time teachers with PhD/ DLitt during the year

20

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	
Any additional information	

### 2.4.3 - Total teaching experience of full-time teachers' total teaching experience in the current year

573

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	
Any additional information	
<b>2.5 - Evaluation Process and Reforms</b>	
<b>2.5.1 - Number of days from the date of last semester-end / year-end examinations and the date of declaration of results during the year</b>	
16	
File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	
Any additional information	
<b>2.5.2 - Number of students' complaints/grievances and number who appeared in the examinations during the year</b>	
0	
File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	
Upload any additional information	
2.5.3 - IT integration and reforms in the examination process. Continuous Internal Assessment (CIA) have brought in the Examination Management System (EMS) of the college.	
<p><b>Effective Examination Management</b> involves careful planning and executing the conduct of examinations and declaration of results by the college. Complete automation of the examination process brought the advancements in the examination process.</p> <ul style="list-style-type: none"> <li>• Portal integrated with Examination Management System facilitates the faculty to</li> </ul>	

- internal marks components e
- Students are provided with academic performance (Conti Attendance and End semester portal ensures transparency
  - Usage of ICT tools speedup CIA and End semester examin
  - Online verification of stud education background verifi

Continuous Internal Assessm

- Well planned academic calen beginning of the semester h
- Assessment by different mod Group Discussion, Online Te Seminar, Webinar, technical introduced to ensure differ
- Setting the Question Papers Taxonomy and ensuring the s coordinator

File Description	Documents
Upload any additional information	
Paste link for additional Information	

**2.6 - Student Performance and Learning Outc**

2.6.1 - Programme Outcomes and Course Outcom are stated and displayed on the website and comm

Course Outcomes are framed for al the commencement of the semester includesvarious levels like:

- Remember
- Understand
- Apply
- Analyze
- Evaluate

•Create

The department Vision, Mission and Advantage points across the department rooms, laboratories and department and Mission are published in the

To reach the stakeholders, the Mi given in the Institute brochures/ Training and Placement brochure, Governing Council Report.

In addition to the above, the Mis among Stakeholders during

a. Parent Teacher meetings

b. Alumni meets

c. Meeting with personnel from ac industrial experts and luminaries

with help of handbook, written fee

Vision, Mission, PO, CO and PSO also Employer survey form and Alumni s

Regular departmental meetings are and all agenda of improvement of achieve the PEOs.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	
Upload any additional information	
Link for additional Information	

2.6.2 - Attainment of Programme Outcomes and

**Attainment of Course Outcome:**

The Course Outcome attainment is (i) Internal assessment examination

All the courses have five Course committee decides the attainment which the course outcomes need to

In the end semester examination, student's performance /results are course outcomes for a particular based on the previous year performance three assessment years and their

Attainment of Program Outcomes :

The Program outcome is attained through such as Award of marks in continuous

The assessment shall be done as per below:

1. Continuous Assessment of Theory
2. The continuous assessment through the institution in which the monitored continuously over undergraduate program. Through continuous assessment methods course related projects and
3. The award of marks for continuous Internal examinations and Group Assignment, Case study, Semi

File Description	Documents
Upload any additional information	
Paste link for additional Information	

**2.6.3 - Pass Percentage of students**

**2.6.3.1 - Total number of final year students with Institution**

456

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	
Upload any additional information	
Paste link for the annual report	<a href="https://drive.google.com/file/d/1cMi-oDNzd...">https://dr cMi-oDNzd</a>
<b>2.7 - Student Satisfaction Survey</b>	
<b>2.7.1 - Student Satisfaction Survey (SSS) on ov may design its own questionnaire). Results and</b>	
<a href="https://bitrix24public.com/sns.bi090926227d8b31d7fba/default/?&amp;">https://bitrix24public.com/sns.bi 090926227d8b31d7fba/default/?&amp;</a>	
<b>RESEARCH, INNOVATIONS AND EXTENSIO</b>	
<b>3.1 - Promotion of Research and Facilities</b>	
3.1.1 - The institution's research facilities are fre for promotion of research which is uploaded on t	
<p>SNS College of engineering promot through curriculum based undergra Thinking projects. Our Curriculum Design Thinking which is the driv activities.. The Research Advisor for taking care of various aspect matters. The committee comprises an extended group consisting of t Committee screens research propos robustness and value. College als of the faculty members in seminar at national and international lev faculty members to conduct depart outreach programmes as well. Coll to travel national and internatio research work. All the mechanisms implemented for smooth running of</p>	

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://dr...">https://dr...</a> <a href="https://dr...">c1j</a>
Any additional information	

### 3.1.2 - The institution provides seed money to

#### 3.1.2.1 - Seed money provided by the institution (INR in lakhs)

10.75

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	
List of teachers receiving grant and details of grant received	
Any additional information	

### 3.1.3 - Number of teachers who were awarded advanced studies/research during the year

8

File Description	Documents
e-copies of the award letters of the teachers	
List of teachers and details of their international fellowship(s)	
Any additional information	

**3.2 - Resource Mobilization for Research****3.2.1 - Grants received from Government and projects, endowments, Chairs during the year**

2205450

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	
List of projects and grant details	
Any additional information	

**3.2.2 - Number of teachers having research pr**

46

File Description	Documents
Upload any additional information	
Paste link for additional Information	
List of research projects during the year	

**3.2.3 - Number of teachers recognised as resea**

2

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

**3.2.4 - Number of departments having research Government agencies during the year**

6



File Description	Documents
Supporting document from Funding Agencies	
Paste link to funding agencies' website	<a href="http://">http://</a>
Any additional information	

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovation supported by dedicated centres for research, entrepreneurship, etc.

SNS Institutions has setup various innovative Ideas and entrepreneurship objective is to promote and encourage subjects/sectors and would provide infrastructure facilities and other National Innovation and Start-up faculty of Higher Education Institute framework to enable the Institute faculties and staff in innovation activities, the spirit of which is ISP(Innovation Start up Policy). Development Cell, sponsored by AI sessions to expose the students of Central and State Governments, Financial organizations, Association of Industries involved in setting up own industries become entrepreneurs. The Entrepreneurship obtained 66 lakhs fund towards MSME a forum for innovation .Few start-up companies Futura and Mechnido are members carry out their projects/ various funding agencies like AICTE institution has developed IBI (Innovation liquid studio to show case the cr

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

**3.3.2 - Number of workshops/seminars conducted on Intellectual Property Rights (IPR), Entrepreneurship and Innovation**

30

File Description	Documents
Report of the events	
List of workshops/seminars conducted during the year	
Any additional information	

**3.4 - Research Publications and Awards**

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

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	
Any additional information	

**3.4.2 - Number of PhD candidates registered per year and number of recognized PhD guides/ supervisors provided in the institution****3.4.2.1 - Number of PhD students registered during the year**

14

File Description	Documents
URL to the research page on HEI website	<a href="https://cf">https://cf</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	
Any additional information	
<b>3.4.3 - Number of research papers per teacher during the year</b>	
27	
File Description	Documents
List of research papers by title, author, department, and year of publication	
Any additional information	
<b>3.4.4 - Number of books and chapters in edited the year</b>	
07	
File Description	Documents
Upload any additional information	
Paste link for additional information	
<b>3.4.5 - Bibliometrics of the publications during Scopus/ Web of Science/PubMed</b>	
<b>3.4.5.1 - Total number of Citations in Scopus d</b>	
444	
File Description	Documents
Any additional information	
Bibliometrics of the publications during the year	

**3.4.6 - Bibliometrics of the publications during Index of the University****3.4.6.1 - h-index of Scopus during the year****22**

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	
Any additional information	

**3.5 - Consultancy****3.5.1 - Revenue generated from consultancy and (in lakhs)****59.56**

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	
List of consultants and revenue generated by them	
Any additional information	

**3.5.2 - Total amount spent on developing facilities for undertaking consultancy during the year****3.125**

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	
List of training programmes, teachers and staff trained for undertaking consultancy	
List of facilities and staff available for undertaking consultancy	
Any additional information	

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood for the holistic development, and the impact thereof.

Extension Services benefitting the NSS, RRC, YRC and the departments. Core Values of NAAC, Vision and Mission realizing the UNESCO's declaration. Laying accessible road, forming programmes. The students of the college actively participate in these programmes and help them. These activities help practice good citizenship and give students also actively involved in and around the campus. For community college provides personality development proficiency coaching classes for Government teachers, so that they participate in these programs. The following activities are Blood donation camps. ? Voluntary special camps. ? Identifying villages. The students and faculty members participate themselves in social awareness programmes. Extension activities is one of the selection for Best out Going (BOG) department.

File Description	Documents
Upload any additional information	
Paste link for additional information	
<b>3.6.2 - Number of awards and recognition received by students for extension activities from Government during the year</b>	
7	
File Description	Documents
Number of awards for extension activities in during the year	
e-copy of the award letters	
Any additional information	
<b>3.6.3 - Number of extension and outreach programmes such as NSS/NCC/Red Cross/YRC, etc. during the year. Also, any programmes such as Swachh Bharat, AIDS Awareness, etc. organised in collaboration with industry, community, etc.</b>	
13	
File Description	Documents
Reports of the events organized	
Any additional information	
<b>3.6.4 - Number of students participating in extension activities during the year</b>	
640	
File Description	Documents
Reports of the events	
Any additional information	
<b>3.7 - Collaboration</b>	
<b>3.7.1 - Number of collaborative activities during the year such as student exchange/ internship/ on-the-job training, etc.</b>	
32	

File Description	Documents
Copies of documents highlighting collaboration	
Any additional information	

### 3.7.2 - Number of functional MoUs with institutions of national importance, other universities, industries, corporate houses, etc. functional MoUs with ongoing activities to be completed

11

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

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure including classrooms, laboratories, computing equipments, etc.

SNS College of Engineering, Coimbatore is affiliated to Anna University, Chennai. In the process of providing quality education of international standards, the college has very good infrastructure. The facilities are among the best in their field. The college is establishing the required infrastructure to meet the norms to facilitate effective teaching and learning. The college has made provision to create infrastructure to meet the changes in the curriculum, syllabus, and courses.

The total built up area is 40549 sq. ft. The college has spacious class-rooms and laboratories. The infrastructure is well equipped. The entire campus is well maintained for the students and faculty members, including the

The college established physical laboratories, seminar halls, staff rooms, etc. All these facilities norms. The classroom's interior for seat desk arrangement, a presentation desk. In addition to this typical contains an overhead LCD projector, speakers, LAN and Wi-Fi connectivity. The college is converting traditional classes into ICT digital. The college believes that students should be on a daily basis, so each classroom has newspapers will be available for

The laboratory is a resource for established labs with modern and equipment, devices, computers, and in a systematic way and upgraded and intake. The institution holds from the curriculum requirements technical assistance, and adequate enhance and stimulate the practical laboratories such as BOT lab, E-y advanced embedded lab, electronic factory for designing and fabrication and development centre that enable models of mechanical components.

A RO filtered water facility is for security and safety reasons, the surveillance. The Wi-Fi infrastructure strengthened every year. The campus such a way that it has a wastewater utilised for gardening, vehicle for lights and solar water heater also has various indoor and outdoor gym, etc.,.

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

4.1.2 - The institution has adequate facilities for (indoor and outdoor) including gymnasium, yoga centre,



While academics play a significant role, extracurricular activities are also important in shaping the student. With the same ideology, the college emphasizes non-academic courses (Sports) as an essential component in the curriculum. We encourage students to participate in various sports activities. college/university sports tournaments. To ensure students positively, we have the practice of regular physical activities mins of everyday, also the institution provides yoga training.

The college provides a facility for indoor and outdoor games and also has dedicated spaces for various sports such as table tennis, chess, carrom, etc. There are large outdoor playgrounds for cricket, tennis, basketball, volleyball, kho, kabaddi, hand ball, Bach volleyball, etc. We have appointed full-time qualified sports teachers in various sports. Expert training is provided for events, such as Basketball, Yoga, Kabaddi, throwball, Kho- Kho, Yoga, etc.

SPINE - THE SNS ACTIVITY CENTER provides world-class facilities for all kinds of sports, keeping in mind the fitness and health of the students. The center is specially designed and contributes to the overall well-being of the students. The center is equipped with exercise bike, dumbbells, and many more other indoor sports equipment. The center work under the strategies of "Fit and Fun" and have been working with a keen focus on providing an instructor. The gym and fitness center conduct regular sessions for students periodically and function to ensure a "sound body". The activity center also provides an indoor all-weather cricket practice ground, bowling machine, mini volleyball court, dance studio, mini theater hall, and other facilities for recreation.

File Description	Documents
Geotagged pictures	
Upload any additional information	
Paste link for additional information	

#### 4.1.3 - Number of classrooms and seminar halls

38

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

#### 4.1.4 - Expenditure for infrastructure augmentation (in Lakhs)

13.48267

File Description	Documents
Upload audited utilization statements	
Details of Expenditure, excluding salary, during the years	
Any additional information	

#### 4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Lib

The groundwork for the computerization with the manual entry of the details were fed in the data entry terminal work gained momentum with accuracy from commercial software of Lips sub LAN consisting of 7 terminals software, OPAC services and other activities are done within the li

The basic features of Automation charging, overdue controls, disch system should be capable to perfo registration of library members, charging and discharging of docum updating to record files, identif identification of items and due d orders for stolen books automatic circulation system, can retrieve immediately through the terminal. computerized providing statistics books. Introduction of barcode te maximum efficiency in providing a issue and return procedure.

OPAC (Online Public Access Catalo related to books, book bank books and standards available in the li books which are under issue. OPAC entire library collection and pro Author, Title, Subject, Keyword e availability of library documents user. Also, the users can know th books and the status of a document

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

**4.2.2 - Institution has access to the following:  
e-journals e-ShodhSindhu Shodhganga  
Membership e-books Databases Remote  
access to e-resources**

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

**4.2.3 - Expenditure on purchase of books/ e-books during the year (INR in lakhs)****14.79256**

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

**4.2.4 - Usage of library by teachers and students****4.2.4.1 - Number of teachers and students using library****307**

File Description	Documents
Upload details of library usage by teachers and students	
Any additional information	

**4.3 - IT Infrastructure**

4.3.1 - Institution has an IT policy covering Wi-Fi and regularly updating its IT facilities

- Students and Staff of SNSCE are provided with Wi-Fi access only for office and academic purposes.
- Students and Staff must not open suspicious or unsolicited mails through SNSCE email accounts.
- Students and Staff must not use SNSCE email accounts without proper acknowledgment.
- All the faculty members are provided with SNSCE email accounts under 'SNSCE' domain with 2GB storage.
- All the servers are provided with UPS to ensure uninterrupted service.
- All the computers with Internet access are provided with the unique DNS for easy access.
- Every system is protected with strong passwords, individual login identities for faculty and administrative staff.
- Data back-up facilities with regular backup.

portable storage devices and safety.

- Computers are available in the Departments, while Laptops are provided and accessed on demand. Cameras are provided for easy access to the internet.
- 24 X 7 Wi-Fi enabled campus.
- Internet lab usage timing is 24 hours a day and also on holidays.
- CCTV surveillance cameras are used to monitor the activities.
- 4 Servers and 971 systems with 102 printers are also available.
- ICT enabled classes with 54 computers and internet Facility.
- ERP software is available for process automation.
- College website is available for information regarding the department, facilities including R&D center.
- Exclusive websites are available for teaching and learning process.
- Whenever needed, system is reconfigured.
- Internet access rights and permissions for staff will be provided based on special tasks which they are assigned on recommendations.
- Internet access rights to guests are provided on the requirement of the guest on a specific timeline only.
- Prioritize Internet access based on the purpose.
- Internet access for recreational and extracurricular work to all students is provided if necessary. In special cases, internet access will be given on request from HOD.
- Guest login with Wi-Fi access is provided.

Inappropriate uses of Internet access

There are numerous appropriate uses of internet. Bulletin boards and access of information

Social Media and Banking etc. SNS reserves these resources. All users of SNS are expected to abide by the following

#### Access

- Each user of Internet facilities is expected to use them accurately when participating in online activities when representing SNSCE offline.
- Bandwidth both within the college and on the Internet is a shared, finite resource. Users are expected to make reasonable efforts to use them in a way that does not negatively affect other users.

#### Commercial use

Since SNSCE is defined as an educational site on the Internet, SNS reserves the right to delete individual Web pages which are used for commercial purposes.

#### Illegal use

Users are to refrain from any use of SNS that is illegal.

#### Harassing / Obscene material

Internet users at SNSCE are to refrain from distributing material (text, audio, or video) that is harassing, or which is in any way obscene. SNS reserves the right to delete any Statement of Values in any other form.

Displaying or distributing such material is a violation of the college Statement of Values. SNS prohibits the distribution of obscene material.

Users are to refrain from sending or receiving obscene or harassing as defined by law.

The obscenity standards are as follows:

- Such materials that they appeal to the prurient interests or violently subvert the good of an intellectual or communication.
- Materials that lack any literary, artistic or social value.

File Description	Documents
Upload any additional information	
Paste link for additional information	
<b>4.3.2 - Student - Computer ratio</b>	
Number of Students	
<b>1279</b>	
File Description	Documents
Upload any additional information	
<b>4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus</b>	
File Description	Documents
Details of bandwidth available in the Institution	
Upload any additional information	
<b>4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing</b>	
File Description	Documents
Upload any additional information	
Paste link for additional information	
List of facilities for e-content development (Data Template)	
<b>4.4 - Maintenance of Campus Infrastructure</b>	

**4.4.1 - Expenditure incurred on maintenance of academic and support facilities – classrooms, laboratories, etc. excluding salary component, during the year (2023-24)**

396.15164

File Description	Documents
Audited statements of accounts	
Upload any additional information	

**4.4.2 - There are established systems and procedures for maintaining physical, academic and support facilities – classrooms, laboratories, etc.**

**Introduction** The institution is highly committed for maintaining physical, academic and support facilities. Physical facilities an exclusive care of the complete campus maintenance. The institution upgrades the facilities and requires tutorial rooms, ICT tools, laboratories, hostel facilities, sports facilities, stadium based on the needs and in admissions. We also provide impetus in creating and maintaining state of the art buildings, student spaces, laboratories, learning resources, etc. Class rooms, laboratories, seminar hall are maintained on daily basis. This ensures proper functioning of the class committee meeting, student maintenance is collected and suitable for the complaints received. All machineries are properly used and maintained as per requirements. The institution has engaged agencies for maintaining and upgrading. The stock verification is being conducted as per maintenance budget for each department within institution budget. Support facilities are maintained through approved maintenance agencies for fire extinguishers, fire systems and gas detectors. The institution maintains the internet connectivity. Institution has an exclusive maintenance team where students and faculty members can report any electrical and plumbing faults. The institution has been carved out to promote the growth in the field of Science, Engineering and Technology and faculty members by providing



infrastructures required by them. rectify the issues immediately.

Following work is being carried out by the maintenance department

- ERP software support and maintenance
- Uploading of data in college website
- Renewal of software agreement and license agreement etc.
- Installation and up gradation of software
- Hardware maintenance of computers, laptops, printers, lease line, BSNL line for

Internet, and Jio Wi-fi is used in the campus.

- Maintenance of all UPS
- Maintenance and service of CCTV cameras is recorded.
- Campus wide networking.

Physical Education The Department provides facilities for both outdoor and extramural events in sports and stadium provides courts for basketball, table tennis. 'SPINE THE SNS ACTIVITY CENTER' is a unique hub, to enhance business of the institution, SPINE THE SNS ACTIVITY CENTER is its dynamic and vibrant infrastructure. ACTIVITY CENTER not only allows students to hone their skills but also gives them a prec

File Description	Documents
Upload any additional information	
Paste link for additional information	
<b>STUDENT SUPPORT AND PROGRESSION</b>	
<b>5.1 - Student Support</b>	
<b>5.1.1 - Number of students benefitted by schol Government during the year</b>	
545	
File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	
Upload any additional information	
<b>5.1.2 - Number of students benefitted by schol institution and non-government agencies durin</b>	
319	
File Description	Documents
Upload any additional information	
Institutional data in prescribed format	
<b>5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology</b>	

File Description	Documents
Link to Institutional website	<a href="https://sns.edu.in">https://sns.edu.in</a>
Details of capability development and schemes	
Any additional information	

**5.1.4 - Number of students benefitted from guidance and career counselling offered by the institution**

**1279**

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

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

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

**5.2 - Student Progression****5.2.1 - Number of outgoing students who got p**

420

File Description	Documents
Self-attested list of students placed	
Upload any additional information	

**5.2.2 - Number of outgoing students progressi**

16

File Description	Documents
Upload supporting data for students/alumni	
Details of students who went for higher education	
Any additional information	

**5.2.3 - Number of students qualifying in state/ during the year****5.2.3.1 - Number of students who qualified in s IIT-JAM/NET/SET/JRF/ GATE /GMAT /CA government examinations) during the year**

1

File Description	Documents
Upload supporting data for students/alumni	
Any additional information	

**5.3 - Student Participation and Activities****5.3.1 - Number of awards/medals for outstanding activities at inter-university / state /national / i should be counted as one) during the year**

25

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

**5.3.2 - Presence of an active Student Council and administrative bodies/committees of the institution**

SNSCE is basically headed by the Technical Director, where the Principal works forward with an extended team of Librarian and Physical Director.

The governing body is headed by the members of UGC, AICTE and Government. Others statutory bodies of monitoring committees, anti ragging its disseminating information's of the department.

Feedback on Institutional governance teaching learning process, general the feedback about course handling delivery effectiveness, use of discipline or also collected random

Apart from these the institution functioning as a non statutory body including ISTE, SAE, ACM, IE, IET institution include MUN club, yoga SMILE English club, and many more SNSCE makes students to participate also promote to organize community schools and at socially backward EDC founded by AICTE.

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

**5.3.3 - Number of sports and cultural events /**

<b>14</b>	
File Description	Documents
Report of the event	
List of sports and cultural events / competitions organised per year	
Upload any additional information	
<b>5.4 - Alumni Engagement</b>	
5.4.1 - The Alumni Association and its Chapters to the development of the institution through fina	
<p>The SNSCE Alumni Association has 1 coordinate all the events regardi 3000 members are in Alumni Associ 10 online alumni meet has been on various department passed out stu experience and innovative ideas. online seminars for the students the students knowledge in current various IT Industry. More than 10 various companies on the referenc members are included in BOS commi enrichment. Alumni members gave g cell for the upliftment of the st entrepreneur Short courses on soft Personality Development and skill writing, Elementary Computer Cour for the students but also for une</p>	
File Description	Documents
Upload any additional information	
Paste link for additional Information	
<b>5.4.2 - Alumni's financial contribution during the year</b>	

File Description	Documents
Upload any additional information	
<b>GOVERNANCE, LEADERSHIP AND MANAG</b>	
<b>6.1 - Institutional Vision and Leadership</b>	
6.1.1 - The governance of the institution is reflected in the vision and mission of the Institution	
<p><b>VISION:</b></p> <p>SNS College of Engineering envisages providing quality education of international standards to the students, in the process to become one of the leading institutions in the country and world.</p> <p><b>MISSION</b></p> <p>Create conducive environment for boys and girls to acquire quality education. Provide social and economic access to all members of society to enjoy education of global standards to meet future development in science and technology and gender equity, Empower students to acquire skills through networking with other institutions. Develop confident and diligent future leaders.</p> <p><b>Governance of the Institution</b></p> <p>SNSCE under the Chairmanship of Dr. S. Rajalakshmi, Correspondent and Dr. S. Kumar, Technical Director directs the institution towards excellence.</p> <p>The perspective plan of the institution is to realize the vision and mission by providing quality infrastructure such as laboratories, library, resources and innovative projects.</p> <p>Participative management is ensuring the active participation of faculty members and students in the initiatives of students' development. The institution is proposing the prerequisites on the</p>	

File Description	Documents
Upload any additional information	
Paste link for additional Information	
6.1.2 - Effective leadership is reflected in various and participative management	
<p>Success of SNSCE in institutional decentralisation and participative through the autonomy given to the decision on the academic activities development.</p>	
<p>As a part of this process, our st the identified 5 innovation techn Intelligence/Machine Learning, Io Reality/Virtual Reality/Mixed Rea Manufacturing) &amp; 7 Innovation Ind (SmartCity/HealthCare/ Agricultur Aerospace&amp;Defence, Retail/Finance</p>	
<p>The faculty members hold meetings includes members of the instituti professionals to understand the f requirements. So that our student those areas/technology and cater regard, the faculty members have introduced with curriculum and sy</p>	
<p>As the leadership and management participative, they positively gi the following new programmes.</p>	
<ol style="list-style-type: none"> <li>1. Artificial Intelligence/Dat</li> <li>2. CSE - Internet of Things an Chain Technology</li> <li>3. Computer Science and Design</li> </ol>	
<p>This is an example for the decent management practice of the instit</p>	



File Description	Documents
Upload strategic plan and deployment documents on the website	
Upload any additional information	
Paste link for additional Information	

**6.2 - Strategy Development and Deployment**

6.2.1 - The institutional Strategic/ Perspective plan

The institutional strategic plan curriculum is deployed through the five pillars are;

1. Centre for Learning & Teaching
2. Centre for Creativity (CFC)
3. Skill and Career Development
4. Industry-Institution Partnership
5. Social Responsibility Initiatives

Activities under these five pillars are implemented by the faculty members as one pillar. Creativity activities on day 1, CFC on day 2 and so on. Report of the Internal Quality Assurance Cell (IQAC) for assessment on weekly basis. The implementation of the strategic plan for students and institution is done through these five Pillars. Activities report are enclosed. Goals fixed by the faculty members towards its excellence.

File Description	Documents
Strategic Plan and deployment documents on the website	
Paste link for additional information	
Upload any additional information	

6.2.2 - The functioning of the various institutional policies, administrative set-up, appointment a

The Organogram of the institution hierarchy of the Institution.

Chairman holds the top management. He guides the work force on the promotional activities through Co-Directors who are the guiding and institution.

Director and Principals are on the responsibilities of guiding the developmental activities of the institution for the smooth running of the day-to-day aspects. Vice-Principal supports coordination between the Heads of top management.

Internal Quality Assurance Cell (IQAC) has the responsibility of ensuring the quality of academic activities of the teaching students and the departments.

Vice-Principal and IQAC have the implementation of the strategies/obtained through the Heads of Department. Faculty Advisor, IQAC Coordinators, Faculty reporting to the Heads of the Department on a daily basis. Vice-Principal and Head of Librarian, R&D, Placement Cell, Physical Director.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://drive.google.com/drive/folders/13VfQm3xrI...">https://drive.google.com/drive/folders/13VfQm3xrI...</a>
Upload any additional information	
Paste link for additional Information	

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

File Description	Documents
ERP (Enterprise Resource Planning) Document	
Screen shots of user interfaces	
Details of implementation of e-governance in areas of operation	
Any additional information	

### 6.3 - Faculty Empowerment Strategies

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

SNSCE has effective welfare measures for teaching faculty members focusing on their career development and progression.

. Faculty members are supported by management to undertake minor research and innovation.

- The college provides 50% of salary to On Duty for faculty who attend National & International Conferences.
- Faculty members are supported by award for paper presented in Journals.
- Providing Group Medical Insurance.
- Faculty members are provided with...

facility.

- Faculty Exchange Programme
- Staff club of SNSCE plays a role in providing support and empowerment. It extends support to faculty to balance their work-life through motivational activities.
- Encouraging faculty to enhance their skills (e.g., Ph.D., programme).
- Extending support to the chairs of faculty teachers in our Institution.
- Group COVID Insurance Scheme

**FOR NON-TEACHING FACULTY**

- Medical Group Insurance
- Employee Provident Fund
- Non-teaching faculty are provided with various benefits
- Staff club of SNSCE extends support to non-teaching faculty to balance their work-life through various programmes and activities.

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

**6.3.2 - Number of teachers provided with financial support and towards payment of membership fee of professional bodies**

46

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

**6.3.3 - Number of professional development / a by the Institution for its teaching and non-teach**

191

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	
Upload any additional information	

**6.3.4 - Number of teachers who have undergone Programmes during the year: (Professional Development Programmes, Induction Programmes, Refresher Courses, Short Courses)**

87

File Description	Documents
Summary of the IQAC report	
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	
Upload any additional information	

**6.4 - Financial Management and Resource Mo**

**6.4.1 - Institution conducts internal and external f**

A well-defined audit system is be Engineering to check and maintain institution. The source of income tuition fee collected from the st

Institution's developmental activ income. Students' are also support development and career growth with income is also utilized for the a the institution. Periodical audit institution is conducted both int

The transactions as well as the p audited. Internal audits are carr

the Head Office, while external a city's recognized external audito

A mechanism is also followed to s the audit is over, the suggestion after the audit process are sent consent. With their consent the s the requirement. Finally, the obje settled down with the proper supp justifications.

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

**6.4.2 - Funds / Grants received from non-gove during the year (not covered in Criterion III a**

29.32181

File Description	Documents
Annual statements of accounts	
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	
Any additional information	

**6.4.3 - Institutional strategies for mobilisation of**

The revenues at SNS College of En tuition fees paid by students, wh government regulations and used a These funds are generally used to development and for the salary of consulting activities are also a Registration/participation fees f university with external members The IQAC and the Finance departme maintaining and auditing records

The developmental activities of t

training programmes, value added research work of the students and the travelling allowance and registration participation in conference and seminars.

Cash awards for the Best Outgoing Rounder Performance (ARP) Award and Scholarships are also available to the institution's numerous schemes, such as the Founder's Scholarship Scheme for the meritorious students and Scholarships under Sports Quota in various sports.

File Description	Documents
Upload any additional information	
Paste link for additional Information	

### 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has implemented various quality assurance strategies and processes visible during the preceding year with regard to quality (improvements made during the preceding year with various initiatives (Second and subsequent cycles)

The Primary aim of IQAC is to develop consistent, and catalytic action to improve administrative performance of the institution.

To create a good quality culture and implement various measures of the institution towards quality. Strategies Ensuring timely, efficient and effective of academic, administrative and financial activities.

The relevance and quality of academic and administrative functions expected of the IQAC are based on quality benchmarks/parameters for the administrative activities of the institution.

Organization of workshops, seminars, conferences, etc.

promotion of quality circles. Dev  
the institution. Dissemination of  
quality parameters of higher educ

Arrangement for feedback response  
stakeholders on quality-related i  
a nodal agency of the institution

Preparation of the Annual Quality  
submitted to NAAC based on the qu

Ensure enhancement and coordinati  
the institution and institutional

**Outcomes of IQAC Activities**

Patent published: 42

Patent Granted: 01

Paper publication: 462

ARIIA Ranking: Band Performer

MHRD -IIC : 4 STAR Rating

Students Placement: 95 %

Students participation in various

AICTE -CII Survey : Platinum band

NPTEL MOOC : Active Branch

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

6.5.2 - The institution reviews its teaching-learning



operation and learning outcomes at periodic inter

Two internal audit and one external audits are conducted as per the academic improvement programmes a

1.Action Plan for Academic year 2

2.Action Plan for Academic year 2

3.Academic Calendar / Schedule

4.Annexure - Anna University and Autonomous

5.Elective Courses

6.Subject Allocation and Time table

7.Student Admission

8.Department Meeting Minutes

9.Class Committee meeting

10.Academic Advisory Committee Meeting

11.Theory Course File

12.Students' Feedback for Practic

13. Arrear Coaching Class

14. Faculty Members deputed for F

15. Seminars/FDP's/Workshop Atten

16. Faculty members Publications

17. Funded FDP/Workshop/Seminar C

18. Student Achievements and Awar

19. Scholarship Details

- 20. Graduates' Details and Graduation
- 21. MOUs
- 22. Industrial Visit/Industrial Training
- 23. Inplant Training/Internship
- 24. Higher Studies and Competitive Exams (CAT, TOEFL, public service exams)

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

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

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://drive.google.com/drive/folders/1cMi-oDNz0">https://drive.google.com/drive/folders/1cMi-oDNz0</a>
Upload e-copies of accreditations and certification	
Upload details of quality assurance initiatives of the institution	
Upload any additional information	

**INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 - Institutional Values and Social Responsibility**

7.1.1 - Measures initiated by the Institution for the

Gender sensitivity is an inherent part of the institute and its neighboring facilities -

(a) Safety and Security

- Extensive surveillance network rooms.
- Rotational duty by all faculty security.
- The Proctorial Committee includes the institute as well as faculty.
- Strict implementation of Anti-Ragging Free Campus.
- Awareness campaigns on women safety through street plays, rallies, and seminars.
- Separate hostels for men and women.
- The Institute is the preferred choice for education of their female wards and staff.

(b) Counseling

yoga & Meditation hour

- Formal and informal avenues for staff for academic and other issues.
- Class and Proctorial Committees for both males and females' students.
- Grievance Redressal Committees

(c) Common Rooms: •

In most of the Departments, common rooms for men and women, which also facilitate

File Description	Documents
Upload any additional information	
Paste link for additional Information	

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

File Description	Documents
Geotagged Photographs	
Any other relevant information	

7.1.3 - Describe the facilities in the institution for degradable and non-degradable waste (within a m

- Solid Liquid waste management

Liquid waste management

- Biomedical waste management

- E-waste management

Solid Waste:

The waste is generated by all sources out in the College that includes foods, etc. The waste is segregated by workers in each floor collect, and waste in the dustbins provided are emptied in movable containers and are taken to the dumping yard. College has contracted an authority from the designated place, segregated and disposes them at the landfills.

Liquid Waste:

1. Sewage waste
2. Laboratory, La

waste The above waste is treated (STPs) and Effluent Treatment Plant for horticulture and flushing in

**E-Waste :**

All electronics items are recycled. For a new machine, a buyback option is available. The e-waste generated from hardware is being recycled and disposed off by authorized vendors.

**Radioactive waste and biomedical waste management on campus**

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	
Geotagged photographs of the facilities	
Any other relevant information	

**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**

File Description	Documents
Geotagged photographs / videos of the facilities	
Any other relevant information	

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

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

**3. Pedestrian-friendly pathways****4. Ban on use of plastic****5. Landscaping**

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

**7.1.6 - Quality audits on environment and ene**

**7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:**

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions/awards**
- 5. Beyond the campus environmental promotional activities**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	
Certification by the auditing agency	
Certificates of the awards received	
Any other relevant information	

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and**

**facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

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

7.1.8 - Describe the Institutional efforts/initiative tolerance and harmony towards cultural, regional diversities (within a maximum of 200 words).

- The institution inculcates duties of each citizen to various extracurricular and
- Our curriculum consists of Ethics and Human Values, Hu
- Our Institution has an acti club for various activities
- Institution Hoists national importance and inhibits the constitutional duties to fa
- Seminar on the topic "India organized by the Department 14.08.2020 in order to incu understanding among diverse
- Seminar on the topic "Posit organized by the Department Engineering on 30.06.2020.

the positive spirit among t

- The Department of Computer an Awareness program on COVID the responsibilities and pr be followed by every citizen
- The Department of Mechanical workshop on Road Safety Awareness on the significance of Traffic each driver in Road safety

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

7.1.9 - Sensitization of students and employees of values, rights, duties and responsibilities of citizens

- The institution inculcates duties of each citizen to various extracurricular and
- Our curriculum consists of Ethics and Human Values, Hu
- Our Institution has an acti club for various activities
- Institution Hoists national importance and inhibits the constitutional duties to fa
- Seminar on the topic "Unive by the Department of Electr CommunicationEngineering on values.
- Seminar on the topic "Ethic



the Department of Mechanical Engineering aims to impart the need of following

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	
Any other relevant information	

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

File Description	Documents
Code of Ethics - policy document	
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	
Any other relevant information	

7.1.11 - Institution celebrates / organizes national and festivals

The institution is known for conducting national and international day celebrations prominent among them are Independence day, yoga day and other Religious Christmas and many more.

As a means of transcending national nationalism the Institute efficiently organizing Independence Day and Republic Day on the magnificent campus. On other international days like Energy conservation day, Consumer Day, etc., creative yet thought provoking activities are conducted.

On energy conservation and consumer awareness days, activities include Debate, Quiz competition, Essay writing, poster creation, Awareness programme & workshops are organized. An Organizing committee is formed for conducting and guiding the entire process. A notable international day celebration is conducted as a day celebration.

Among the cultural/ religious days, activities are prominently pursued as departmental programs. Cultural events are conducted during these days.

The other major religious festivals are celebrated in the institution used to promote the feeling of brotherhood and love through sharing.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	
Geotagged photographs of some of the events	
Any other relevant information	

**7.2 - Best Practices**

7.2.1 - Provide the weblink on the Institutional website in the prescribed format of NAAC

**Industry Based Curriculum**

**Objectives of the Practice**

The objectives of this initiative are:

- To innovate upon and refresh the curriculum

latest developments in technology industry.

- To integrate pure academics with industry engagement.
- To provide students with skills and positive work ethics needed for the changing industry and global market.
- To enhance learning by incorporating experiential learning.

### The Context

The institute always aims to have a strong link with industry, and believes that the gap between academia and industry could be bridged by regular interaction with industry. This is attained by

- Design of industry based curriculum and laboratories in collaboration with industry vouching the syllabus from time to time.
- Establishing industry interaction through Industry Participation Cell [IIPC]
- Imparting in-plant training to students and faculty members.
- Inviting more people from industry to interact with students.
- Conduct workshops/Seminars/Conferences with industry.
- Industrial Projects and Conferences.
- Organizing HR Conclaves /HR Conferences for students to have close interaction with HR experts from reputed industries.
- Collaboration with academic institutions for mutual benefit.

The students' learning experience listening and understanding to the classrooms and laboratories, but apply the concepts in practice. To work with the leading industrial using the cutting edge technology work and placement. Collaborative also enhance the students' learning like Acquiring New Skills and Knowledge Ready Graduates

#### The Practice

- **Industry based Curriculum:** In the exclusively framed in consultation well as vouching with International members to meet their current requirements graduates industry-ready from day
- **Industry internship:** The college as integral part of its curriculum industry internship before he gra
- **Value added Courses:** Students of industry-oriented courses for a month which will be offered by experts on topics apart from the prescribed programme. Experts from the industry value-added courses based on the requirements.
- **Faculty exchange and development** with the industry creates a platform and practices in the industry. Faculty various academic institutions and and enhance their knowledge and the relevant fields.
- **MoUs:** The College has signed many National and International Indust

#### Evidence of Success

Learning experience of the students skills is developed during a project

organization. These learning experiences enhance the students' self-sufficiency and confidence.

The outcomes of collaboration are:

1. No of Training for student's firm
2. Joint Publication
3. Collaborative Research
4. Project Internship for student
5. Sponsored Project
6. Consultancy
7. Placement

Problems Encountered and Resources

For continued success with an increasing number of students it is challenging to have a large number of organizations / Industries. Constraints and hectic work schedules hinder participation and sustained commitment. Industries and faculty members do not have sufficient Monetary Expenses. Finding industries for students is the difficulties faced by students' level of learning.

Title of the Practice -Case-Based Learning

Objectives of the Practice

- To provide students with a relevant practical experience
- To require students to analyze and draw a conclusion
- To develop analytical, communication and practical skills along with content knowledge

### The Context

Case Study Based Learning (CBL) is an approach used across disciplines to apply knowledge to real-world situations and enhance cognition. In this methodology, students learn from case studies, stories involving real-life scenarios. The cases present a challenge where students devise solutions under time constraints. Giving demonstrations or performing experiments to illustrate a concept is called a demonstration model. This method is used when students have a hard time connecting theory to practice or when students are unable to understand complex theories.

### The Practice

- To develop the conceptual skills of students, problems are presented innovatively, and students are encouraged to solve them through Simulation Exercises. Cases are presented in a contextual setting and also help in developing skills under simulated conditions. The learning is more vibrant than what the student experiences in a study based learning. A sufficient number of cases will be presented to each student to present as a group/individual. The cases will be a component of their internal marks. The demonstration based learning becomes optional, and it is implemented with the purview of the course in mind.

- The demonstration model is one where the teacher, technical and management students may act as a facilitator and invite students to demonstrate a concept with or without the help of students. Students can use various teaching aids like diagrams, graphs or physical products during the demonstration. The demonstration method of learning is used in projects and project works where the student's learning is evaluated on their performance.

### Evidence of Success

The participatory activities such as group discussions, demonstration are regulated and monitored by the teacher on need basis and they are

performance in the Leader Board of internal mark. As a mandatory component, students undergo Mini Project Capstone Project either as a demo model or as a project. The report was evaluated and the students are awarded credentials according to their work. That, students are encouraged to publish a research paper in reputed journals, participate in Case Study and demonstration projects (to do more Industrial real time projects), participate in Hackathons (Students), participate in Hackathon contests and get prizes (17 First Prizes in Events). Further students have published papers in indexed/UGC Journals (44 Papers), setup 4 startups during their course year. (Yet to be changed)

**Problems Encountered**

- Execution of Case Based Learning: In this issue students were given an assignment. Short time will be given to collaborate.
- Not all the students are equally interested in Cases and demo models. Since this is a competition, outperforming students will earn more. Learning will not be common among all.
- Faculty members struggled during the process of students to present / participate in Hackathons. Mentoring by the respective mentors was required.

File Description	Documents
Best practices in the Institutional website	<a href="https://bit.ly/3w0p0p0">https://bit.ly/3w0p0p0</a> <a href="https://bit.ly/3w0p0p0">m/docs/pub</a>
Any other relevant information	

**7.3 - Institutional Distinctiveness**

7.3.1 - Highlight the performance of the institution (within a maximum of 200 words)

Our Distinctiveness lies in our p where this approach to education academic freedom to understand co through engaged learning activiti minds. With leading-edge faculty committed to provide students wit education for developing them to solve the most pressing social is design thinking, we focus on deli providing an effective learning e who fix the real social needs and impart high quality, competency b Engineering and Technology to the required skills and abilities to industry.

As part of realizing this, the in ICT enabled teaching and learning ensures the provision of state-of infrastructure required for the e The entire campus and all the lea sufficiently equipped with resour

Students are provided with the op courses through NPTEL, COURSERA e

File Description	Documents
Appropriate link in the institutional website	<a href="https://bi...m/docs/pub">https://bi...m/docs/pub</a>
Any other relevant information	

7.3.2 - Plan of action for the next academic year

Institute has been initiating and to assure and improve quality in academics, co-curricular and extr faculty development.

- To get ARIIA ranking

To get Band in NIRF

- Increasing the number of studen



- .• To introduce Industry Integrat Artificial Intelligence, Data Ana AR/VR.
- To establish a Center of Excell and Automation and AR/VR & IOT et
- To create research culture amon and motivate them to publish thei science indexed Journals.
- To encourage the students and f patents/copyrights for their inno
- To enrich the Academic partners Infosys, IBM, and Google, Texas I
- To generate more revenue throug Public Organization.
- To establish a holistic learnin curricular activities, sports, et
- To maintain 100 percent industr innovation
- To enhance students placement w corporate.