



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1. Name of the Institution

SREE NARAYANA GURUKULAM COLLEGE
OF ENGINEERING

- Name of the Head of the institution **Dr. Kemthose P Paul**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **04842597800**
- Mobile no **9497417700**
- Registered e-mail **info@sngce.ac.in**
- Alternate e-mail **principal@sngce.ac.in**
- Address **SREE NARAYANA GURUKULAM COLLEGE
OF ENGINEERING, KADAYIRIPPU,
KOLENCHERY, ERNAKULAM DISTRICT,
KERALA**
- City/Town **Ernakulam**
- State/UT **Kerala**
- Pin Code **682311**

2. Institutional status

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

- Financial Status **Self-financing**
- Name of the Affiliating University **APJ Abdul Kalam Technological University**
- Name of the IQAC Coordinator **Dr. Alby S**
- Phone No. **04842597800**
- Alternate phone No. **9847002446**
- Mobile **9847002446**
- IQAC e-mail address **iqac.sngce@gmail.com**
- Alternate Email address **iqac@sngce.a.cin**

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

https://sngce.ac.in/user/files/SNGCE_AQAR_2020-2021_Report.pdf

4. Whether Academic Calendar prepared during the year?

Yes

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

<https://sngce.ac.in/iqac.php?id=Mtgx&p=SVFBQw==&k=1>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.63	2015	14/09/2015	13/09/2020

6. Date of Establishment of IQAC

06/01/2014

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
Nil	NA	Nil	2021	00

8. Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of IQAC

[View File](#)

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

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report No File Uploaded

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

- If yes, mention the amount

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

Conducted Faculty training programme for newly joined faculty members of the institution.

Organized internal and external academic audits for all semesters.

Carried out end semester feedback on all courses.

Encouraged faculty members to attend Faculty development programmes.

Prepared two departments to apply for NBA accreditation.

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
Quality improvement programmes for Students	One week induction programme for first year students has been conducted from 22/11/2021 to 27/11/2021
Internal auditing - Academic and administrative auditing	Helped to ensure the quality and standardization in all aspects
Induction program for the newly joined faculty members of the institution	Helped to introduce the quality system followed in the institution
Encouraged to publish papers in international journals	Improved journal publication

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	22/08/2022

14. Whether institutional data submitted to AISHE

Part A

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• Pin Code	682311
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural
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• Name of the Affiliating University	APJ Abdul Kalam Technological

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<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
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<ul style="list-style-type: none"> If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
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<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Governing Body	22/08/2022
14.Whether institutional data submitted to AISHE	
Year	Date of Submission
2021-2022	10/05/2023
15.Multidisciplinary / interdisciplinary	
16.Academic bank of credits (ABC):	
17.Skill development:	
<p>During the first semester, the institution incorporates skill development courses into the curriculum, which is affiliated with the university. Students receive soft skill training, emphasizing the enhancement of communication, teamwork, problem-solving, and fostering a positive attitude. Professional society chapters</p>	

associated with the institution actively promote skill development programs for students. By integrating industry requirements into the curriculum and providing add-on courses, the institution ensures that students are well-prepared for the workforce upon graduation.

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

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

In our institution, Outcome-Based Education (OBE) is at the forefront of our educational approach. The college strictly follows the curriculum set forth by the affiliated university. Utilizing the Revised Bloom's Taxonomy, faculty members take the responsibility of defining Course Outcomes (COs) for courses in instances where the university has not provided them. All assessments are directly linked to the relevant COs. The college assesses the attainment of Course Outcomes by mapping them to Program Outcomes (PO) and Program Specific Outcomes (PSO). To continually improve the educational experience, the college conducts exit surveys for both courses and programs.

20.Distance education/online education:

Extended Profile

1.Programme

1.1 552

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

File Description	Documents
Data Template	View File

2.Student

2.1 994

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2

229

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

168

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

138

Number of sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	552
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	994
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	229
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	168
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	138
File Description	Documents
Data Template	View File

3.2	138
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution	
4.1	76
Total number of Classrooms and Seminar halls	
4.2	370.78
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	500
Total number of computers on campus for academic purposes	

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

SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING, an affiliated college under APJ Abdul Kalam Technological University, ensures effective curriculum delivery through a well-planned and documented process.

Step 1: The university prepares the academic year calendar, outlines the curriculum and syllabus, and prepares a semester plan in alignment with the KTU calendar.

Step 2: The Head of Department collects subject preference forms from faculty and allocates subjects based on their experience, expertise, and competency.

Step 3: The timetable is prepared centrally for courses, and teaching plans are prepared by faculty members.

Step 4: Value-added programs are decided in consultation with

IQAC, PAC, and department advisory boards.

Step 5: Course committee and class committee meetings are convened each semester to ensure course delivery.

Step 6: The curriculum is supplemented with co-curricular activities, such as expert lectures, presentations, seminars, open-ended experiments, in-house projects, tutorials, assignments, case studies, industry visits, industrial training, internships, NPTEL lectures, internal-tests, and extracurricular activities.

Step 7: Internal and external academic audits are conducted to ensure the quality of teaching.

Step 8: Feedback from stakeholders, such as students, faculties, alumni, and employers, is analyzed and remedial actions are taken.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://sngce.ac.in/naac/AQAR/criterial/C_1_1-1-1_2021-2022_3.pdf

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

SNGCE follows the academic calendar issued by the University and plans all its activities. An academic calendar notifies the commencement date, the total number of working days and holidays, the last working day of the semester, Continuous Internal Evaluation (CIE) dates and dates for semester-end examinations for all programs. Every department prepares an activity calendar which comprises guest lectures, workshops, industrial visits, and other co-curricular and extra-curricular activities. Each department's Time table Coordinator prepares the timetable, which is displayed on notice boards of every department. Faculty will prepare lecture plans based on the given calendar. Dates of the CIE exams are mentioned in the academic calendar. . In the case of labs and projects, internal viva and practical exams are conducted by respective departments before/after the university examinations. The question paper of internal exams is prepared by concerned faculties and approved

by the department head and DQAC. Assignments are provided to students on the scheduled dates mentioned in the academic calendar as a part of CIE. The tentative dates for university exams are indicated in the academic calendar. In case of unseen conditions, the academic calendar is modified as per the instructions of the Head of the Institution.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://sngce.ac.in/naac/AOAR/criterial/C1_1-1-2_2021-2022.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

8

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

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

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

65

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

1080

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

1.3 - Curriculum Enrichment

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

Sree Narayana Gurukulam College of Engineering is adopting APJ Abdul Kalam Technological University's Curriculum. It endeavors to inculcate ethics and values in students' communities to make them better citizens. The program's Curriculum includes courses about professional ethics, gender, human values, environment, and sustainability. Throughout the year, the institution

conducts numerous activities, such as workshops, awareness programs, seminars, webinars, etc., to assist in integrating cross-cutting topics into the Curriculum. Gender-based issues addressed through training, social safety, and rights in various initiatives for women's empowerment. Women's cell and internal complaint committees promote and support women's social respect, safety, and rights. SNGCE focuses on professional ethics, instilling ethical norms and values for a peaceful existence. It also provides a standard for professional practice, recommending appropriate technologies and management patterns. Students are encouraged to uphold morality and ethics in their professional practice. An Anti-ragging committee has been constituted to handle the ragging issues. Professional counselors provide value-based education and sustainability lessons. Clubs, NSS, and cultural and sports committees enhance character development and emphasize service, teamwork, and leadership. Blood Donation Camps instill human values.

The Curriculum also includes Environmental Science and Engineering courses, with Eco Club and NSS promoting environmental protection and awareness through various courses.

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

40

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

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

614

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
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File Description	Documents
URL for stakeholder feedback report	https://sngce.ac.in/naac/AQAR/criterial/C_1_1-4-1_2021-2022_2.pdf
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
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File Description	Documents
Upload any additional information	View File
URL for feedback report	https://sngce.ac.in/naac/AQAR/criterial/C_1_1-4-2-2021-2022_2.pdf

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

386

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

131

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

In keeping with the objective of ensuring student success with studies, the College conducts an induction program for students.

A gap in student approach to studies is addressed with the induction program. As students commence higher education after their senior secondary education some fare well while others do not.

A Bridge-course comes in handy for such weak students The University-designed induction program helps identify weak students. These weak students are given special attention so that they can perform well in engineering studies.

English language skills and mathematical skills are emphasized. These skills are sharpened with extra-class sessions and tutorials. Advanced students also benefit from these classes. During the semester, remedial class is of great use to weak students. During the week-days about two hours are set aside for remedial class. Slow learners are required to attend special classes on Saturdays. Courses that they find difficult to grasp are taught Saturdays.

Advanced learners are given the opportunity to participate in projects with teachers They also choose additional courses, honours for extra credit.

The College spends such efforts as are necessary to help slow learners reach the level of advanced learners. Before end semester examinations, slow learners are given intense tutorial and coaching classes to enable them to perform well.

Both advanced and slow learners are given training in taking employment admittance tests and for job interviews. The efforts crafted by the College have paid dividends.

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

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

Number of Students	Number of Teachers
994	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

SNGCE provides a platform for students to develop the latest skills, knowledge, attitudes, and values necessary for shaping their behavior in the correct manner. Faculty members strive to make the learning activities more interactive by adopting the following student-centric approaches:

1. **Experiential Learning:** Each department conducts add-on programs to support students in their experiential learning journey. The institution offers various experiential learning practices to enhance students' creativity and cognitive abilities, including conducting laboratory sessions with experiments beyond the syllabus, providing summer internships, offering add-on courses on the latest technologies through platforms like NPTEL, Coursera, etc.
2. **Participatory Learning:** Students are encouraged to actively participate in various activities such as seminars, group discussions, projects, and skill-based add-on courses. SNGCE provides platforms for students to utilize their specialized technical or management skills, including organizing an annual tech fest where selected projects are displayed, conducting a management fest where students from different colleges learn from each other organizing regular quizzes etc.
3. **Problem-Solving Methods:** The departments at SNGCE actively encourage students to acquire and develop problem-solving skills. Expert lectures on various topics, participation in MOOC courses and other competitions are organized to facilitate problem-solving skill development.

Through these student-centric methodologies, SNGCE strives to provide a holistic learning experience that empowers students to develop essential skills, apply their knowledge in practical settings, and prepare themselves for successful careers.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://sngce.ac.in/naac/AQAR/criteria2/C_2_2-3-1_2021_2022_1.pdf

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

SNGCE recognizes the transformative power of ICT tools in education, empowering both teachers and learners. These tools facilitate a shift from teacher-dominated to student-centric learning, resulting in increased learning gains and creating opportunities for learners. The faculty extensively uses ICT-enabled classrooms equipped with LCD projectors, Wi-Fi connectivity, and software to deliver advanced knowledge and practical learning experiences. The labs are regularly updated with the latest software, ensuring students have access to tools like Python, Matlab, and Microsoft Office, fostering hands-on learning.

The faculty at SNGCE employ a variety of teaching methods based on learners' needs and the subject being taught. While conventional methods like lecturing are used, interactive and collaborative approaches are also embraced, utilizing ICT-enabled platforms such as Microsoft Teams and Google Classroom. The college incorporates IT-enabled learning tools such as PowerPoint presentations, video clippings, animations, and online demonstrations to enhance the teaching-learning process. Reading materials and lab manuals are provided through email and other digital means.

By embracing ICT tools, SNGCE harnesses the potential for educational transformation, connecting learning to real-life situations and raising student interest levels. The college's commitment to utilizing ICT resources creates an enjoyable learning environment where students thrive and perform better.

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

138

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	No File Uploaded

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	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

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

25

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)	No File Uploaded

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

1179

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Scheduling & Conduct of Internal Examination

The Exam cell of the institute follows the following guidelines for conducting the CIE in line with the Academic calendar of the University. As per the guidelines, the procedure for effectively conducting CIE is as follows:

- The notice of the date of the internal examination and time table is published in college website and also communicated through student WhatsApp groups well in advance.
- Scheduling of Internal Examination, Seating arrangements, duty list of invigilators are prepared for for every examination.

- Preparing the question paper for the internal examination in the prescribed pattern based on Knowledge level using revised Bloom's taxonomy.
- Scrutiny of the prepared question paper is carried out by HoD/ DQAC members of the Department to ensure quality of the Question paper.
- Student's attendance is monitored during the examination.

Internal Examination Evaluation Process

- The evaluation of answer script is completed in seven days.
- After the evaluation, the faculty members discuss the expected answers and the evaluation scheme with the students.
- The Internal Assessment books are given to the students for verification of marks and answers as per the scheme of evaluation.
- Parents Teachers Association (PTA) meetings are organized each semester. During PTA meetings, parents are informed about their ward's performance in internal assessment, including attendance, extra-curricular activities and achievements.
- Class committee meetings are conducted at frequent intervals.

File Description	Documents
Any additional information	View File
Link for additional information	https://sngce.ac.in/naac/AQAR/criteria2/C_2_2-5-1_2018-2019_1.pdf

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

The institution has a well-defined policy and efficient mechanisms to deal with examination-related grievances. The process followed is transparent, and the rectification of grievances is time-bound

- The grievance may be there due to error in question, incomplete question or question being out of syllabus. If any such grievance is reported at the examination hall, then appropriate action is taken by the Controller of Examination.
- The grievance is at first verified with the respective department and necessary action is taken.
- If a student is concerned about the awarded marks, he/she can approach teaching faculty directly, who will handle the grievance. If the student is not satisfied with the response, he/she can raise his/her concern to the Faculty Advisor. If the student is still unsatisfied, the issue can be taken up with Head of the Department. Grievances that are still unsettled can be brought to the notice of Grievance Redressal and Appeals Committee constituted by the Principal. The Committee can look into any exam related decisions taken by the institute and advice rectifications, if required.
- Students who missed an internal exam can request for retest through Faculty Advisor and Head of the Department

File Description	Documents
Any additional information	View File
Link for additional information	https://sngce.ac.in/naac/AQAR/criteria2/C_2_2-5-2-2021-2022-1.pdf

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.

- Programme Outcomes (POs), Programme Specific Outcomes

(PSOs) and Course Outcomes (COs) for all Programmes are stated and displayed in the pages of corresponding department in college website and communicated to all stakeholders.

- Our institute organised various seminars and workshops on Outcome based Education.
- Program Outcomes and Programme Specific Outcomes are displayed at HOD room, Laboratories, Library, seminar halls, department newsletter etc.
- POs, and PSOs are communicated to students via lab manuals, project reports etc.
- The Course outcomes of all the courses are specified in the syllabus prescribed by the university. Faculty can modify and frame the outcomes according to Bloom's taxonomy. The outcomes so framed are further reviewed and finalized by PAC.
- The Head of the Department and the group tutors explain various program outcomes to students right from the induction meeting
- COs, POs, and PSOs are also included in the course note files.
- Course outcomes of theory and practical courses are communicated to students by the concerned faculty members handling the subject.
- Course Outcomes are mentioned in the Lesson plan and internal examination question papers.
- POs, PSOs are discussed in alumni meetings and feedback is collected for PO attainment calculation.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://sngce.ac.in/naac/AQAR/criteria2/C2_2-6-1_2021-2022_1.xlsx
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.

Evaluation of CO attainment is carried out based on the performance of students in Continuous internal Evaluation, Assignment or Tutorials etc and End semester University examination. Attainment level of CO is decided by calculating the percentage of students who have scored above class average for the course

Level 1- More than 40% of students scored above class average

Level 2- Between 50-60% of students scored above class average

Level 3- More than 60% of the students scored above class average

Based on the following formula, the overall CO attainment is calculated.

Final CO Attainment = Continuous Internal Evaluation (CIE) * 20/100 + University Attainment(ESE) * 80/100

The attainment of POs and PSOs are being calculated based on the COs attainment. PO attainment calculation includes both direct and indirect methods. Direct method includes direct CO attainment and indirect methods includes graduate survey, alumni survey and employer survey.

Overall attainments of POs are calculated by taking 80% of direct attainment and 20% of indirect attainment.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sngce.ac.in/naac/AQAR/criteria2/C_2_2-6-2_2021-2022_2.xlsx

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

164

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://sngce.ac.in/naac/AQAR/criteria2/C_2_2-6-3_2021-2022_3.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://sngce.ac.in/naac/AQAR/criteria2/2021-2022%20Student%20Satisfaction%20Survey.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

2

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

In the year 2021-2022, SNG College of Engineering (SNGCE) made

remarkable progress in establishing a dynamic ecosystem for fostering innovations and facilitating knowledge transfer. The institution's unwavering commitment to cultivating creativity and research excellence resulted in exceptional achievements among both students and faculty.

SNGCE's state-of-the-art research labs and innovation cells provided students with cutting-edge facilities, promoting interdisciplinary collaboration and encouraging the exploration of ground-breaking ideas. The college organized vibrant events such as hackathons, innovation challenges, and design thinking workshops, nurturing students' problem-solving abilities and fostering an entrepreneurial mindset.

The emphasis on knowledge transfer was evident as SNGCE actively encouraged faculty and students to publish their research findings in reputable journals and participate in prestigious conferences, ensuring that their valuable contributions reached a wider academic audience.

Through strategic collaborations with industry partners, the institution facilitated the practical application of research outcomes, leading to technology transfers and meaningful contributions to societal progress. Additionally, the active Incubation Center played a vital role in supporting students with innovative business ideas and providing mentorship and financial assistance.

The college's dedication to fostering creativity, research excellence, and entrepreneurial spirit empowered students and faculty to achieve significant strides and make positive impacts on the engineering landscape.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sngce.ac.in/naac/AQAR/criteria3/C3_3-2-1_2021-2022_RIE_IEDC-REPORT_2.pdf

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

56

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

3.3 - 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://www.sngce.ac.in/research.php?id=MjU=
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

20

File Description	Documents
Any additional information	View File
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

18

File Description	Documents
Any additional information	View File
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

During the reporting period 2021-2022, SNG College of Engineering (SNGCE) undertook various impactful extension activities in the community. These initiatives aimed to address diverse issues and create positive impacts on both the beneficiaries and the society.

Clothes supplies and sanitizer distributions supported the needy, while the repair of electrical damages and well cleaning contributed to improved infrastructure and water resources.

Road transport and roadside cleaning programs promoted awareness of road cleanliness and safety. Legal awareness sessions on DigiLocker ensured people's access to essential documents.

The college actively participated in energy conservation and the removal of plastic from roads, promoting environmental consciousness.

In response to the COVID-19 pandemic, face mask distributions and awareness programs highlighted preventive measures.

Safety was prioritized with programs on using fire extinguishers, electrical hazards, and drowning precautions.

Blood donation camps and Thanal Vriksham, a tree plantation initiative, showcased the college's commitment to social welfare.

Awareness sessions on solar energy utilization further promoted sustainable practices.

In addition, the college encouraged online bill payments to foster digital awareness.

Overall, these extension activities had a profound impact, making a difference in the lives of the beneficiaries and contributing positively to the community's well-being.

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

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

2

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

22

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the 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

431

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

3.5 - 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

5

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
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

2

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Campus spreads in a picturesque location of 25 acres in the outskirts of Kochi. The topographical location provides excellent ambience conducive for an effective teaching learning process. The college is provided with spacious well furnished classrooms with ultra modern facilities. All the laboratories are provided with state of art equipment like computer lab, Internet centre, Language lab and Digital library. All the rooms are adequately furnished with comfortable seating and ergonomic furniture. Classrooms are well spaced, fully furnished, numbered based on block name and provided with sufficient number of lights, fans, chairs and table for teachers, three seated benches with sufficient leg space etc. Air conditioned seminar halls equipped with LED projector, screen and public addressing system. Smart classes, tutorial rooms are provided in the college. Electronic resources management packages for E-Journals subscribe to AICTE mandatory like IEEE, Science Direct, Emerald Etc. Both faculty and students can access E Publications. College has D Space(Gurukulam Digital Repository) which collects, preserves and distributes digital material to a worldwide audience. LAN facility is provided in all computer labs. ICT Resources enhance the teaching and develop

presentations as a computer aided teaching material. Many modern instruments are available in the laboratories for developing practical intelligence in students and students are doing their project as well and labs are provided with intercom facilities. Students supporting services such as facilities for photocopying and store for stationery and textbooks are made available.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sngce.ac.in/naac/AOAR/criteria4/C4_4-1-1_2021-2022.pdf

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

Along with state of the art equipment and infrastructure for fulfilling the program - specific curriculum, SNGCE promotes sports and games culture on campus. The institution has a physical education department which provides the facilities for almost all the track and field events and games in the campus itself. Extra curricular activities include sports, outdoor and indoor games, gymnasiums, NSS, cultural activities, communication skill development, yoga ,health and hygiene etc.The outdoor facilities include athletic grounds, football fields, cricket pitch, volleyball, kho-kho etc. Staff recreation club is constituted in college for faculties who enthusiastically take part in sports events such as cricket, football, volleyball, badminton, caroms, chess etc. College has a multi-specialty Gymnasium which covers about 504 sq.ft. A one-of-a-kind fitness centre with the latest equipment and workout machine is established within the campus.

Cultural Activities

With an aim to promote interest in arts and literature, the arts club functions under the auspices of the college council. ARANGU - the annual intra- collegiate arts festival of SNGCE is organized for showcasing the talents and potentials of students. Students are organizing and participating in many cultural activities like group dance, group songs, skits etc., during arts day held every year in the college. Students enthusiastically participate in University arts festivals and other inter-collegiate competitions where they battled out and

won many prizes. Following clubs were formed under club activities; Literary Club, Quiz club, Film Appreciation club & Painting Club.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sngce.ac.in/naac/AOAR/criteria4/C4_4-1-2_2021-2022.pdf

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

1

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sngce.ac.in/naac/AOAR/criteria4/C4_4-1-3_2021-2022_2.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)

96.03

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)	No File Uploaded

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

? Name of ILMS software - Topscore Solution

? Nature of automation (fully or partially) - Fully automated

? Version - Library Ex.plus

? Year of Automation - 2009

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://sngce.ac.in/naac/AOAR/criteria4/C4_4-2-1_2021-2022.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)	No File Uploaded

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)**

2.44

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

89

File Description	Documents
Any additional information	No File Uploaded
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

Sree Narayana Gurukulam College of Engineering maintains a well equipped Central Computer Centre in addition to various labs in various departments. All servers have been centrally housed in the new Data Centre for ease of management and security. Two new Sun Fire V440 servers are added to the already existing assets of three HP Proliant Servers and two Acer Servers. Internet usage is controlled using Firewall. Registered users are managed and authenticated using their username and password. A computer Aided Design and Analysis lab has been set up with 45 Dell Precision Workstations. Server Edition of AutoCAD, ProE WildFire ANSYS, Iron CAD, Stadd Pro, Nastran, Primavera software are installed to meet growing challenges of the industry. The seminar hall is equipped with a video conferencing facility and internet connectivity. The IT centre in the institute provides 24 hour internet services on campus in hostels through Wi-Fi and LAN with a total bandwidth of around 100 Mbps. Some of our classrooms have LCD projectors. The students are encouraged to give seminar talks using ICT Resources. The computer faculty is rendering the role of the facilitator for the students in preparing teaching learning material with the help of online teaching and independent learning.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sngce.ac.in/naac/AQAR/criteria4/C_4_4-3-1_2021-2022.pdf

4.3.2 - Number of Computers

500

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
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)**

205.23

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	No File Uploaded

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.

Infrastructure

a) Spacious buildings with well-furnished lecture halls, seminar halls, play grounds and associated utilities.

b) Well-equipped laboratories/workshops, library, audio-visual aids and internet facility.

c) Supporting services such as fleet of transport, sports facilities, hostels, canteen facility, communication system, etc. are provided.

All equipment, machinery and instruments used are identified properly. The maintenance of equipment, building, premises and fittings is the responsibility of the custodian, section in charge, maintenance coordinator, etc. as the case may be. Maintenance calendar for the College drawn up by the Maintenance coordinator in consultation with specialists, if necessary, for ensuring satisfactory up-keep. The maintenance coordinator ensures maintenance activities are progressed as per planned schedule. Assistance of lab. instructors and tradesmen are utilized depending on the specializations of the work. Routine maintenances of certain equipment are periodically done by an AMC service provider. The AMC services are monitored by the custodian or maintenance coordinator as the case may be.

Master list of instruments, measuring and test equipment which require calibration and their periodicity are identified in each department by the staff in charge and reviewed by the HOD. Physical education lecturer prepares the calendar for the sports and games activities. He arranges the preparation of the facilities, procurement of the kit and organizes regular practice by selected participants. He also organizes teams of

staff and students to handle various responsibilities for conducting the sports and games in the College.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sngce.ac.in/naac/AOAR/criteria4/C4_4-4-2_2021-2022.pdf

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

106

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

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

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

719

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	Nil
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

755

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

755

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	A. All of the above
--	----------------------------

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

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

111

File Description	Documents
Self-attested list of students placed	No File Uploaded
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

3

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

3

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

10

File Description	Documents
e-copies of award letters and certificates	View File
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' representation and engagement in administrative, co-curricular, and extracurricular activities play an important role in their overall development and the functioning of educational institutions. Their roles in various activities are as follows:

Administrative Activities: With students' representation in administrative activities students learn about leadership, teamwork, negotiation, and problem-solving skills. It involves students participation in the following-

a) **College Students council:** Students' representation in the student council involves their participation in decision-making processes and their role in student governance

b) **Class representatives**

c) **Class committees and Course committees:** Students are active participants of class committees and course committees, in which students give their valuable suggestions to enhance the overall teaching learning process.

Co-curricular Activities: Co-curricular activities refer to activities that complement the academic curriculum and enhance the overall learning experience. It involves students participation in the following-

a) **Department Association activities**

b) **Club activities**

c) IEEE activities

Extracurricular Activities: They offer students opportunities to pursue their passions, develop hobbies, and engage in recreational and athletic activities. Institution celebrates national and international commemorative days. Extracurricular activities like Arts festival, sports teams, clubs provide a platform for students to showcase their talents and achievements.

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

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

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

40

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

Alumni Contribution

1. SNGCE UAE Chapter provide guidance on job opportunities available in their respective geographical locations

2. Institute takes Alumni Feedback to improve the functioning and services of the organization.
3. Alumni meet is organized once in every year in the institute to network and collaborate with the Alumni.
4. The alumni association works as partners to bridge the gap between the industry and academics.
5. Alumni also support in placement and continue to bring a good name to the organization.
6. Alumni interactions are conducted department wise to share their experiences and knowledge with our students
7. The Alumni provide feedback on the curriculum contributing to the curriculum design process
8. The alumni of SNGCE serve as members of IQAC, Department Advisory Committee and play a critical role in identifying add-on courses for the students in line with industry expectation
9. SNGCE 2014 EEE batch Fahima Backer memorial endowment is awarded to the top scorer in the Electrical and Electronics Engineering branch every year.

The Alumni contribute towards the development of the central library facility of the institute by donating books.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 - Institutional Vision and Leadership**

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

VISION

Empowering the masses to achieve economic and social freedom through technical and management education.

MISSION

Prepare students for a career in industry, academia, R&D and government by developing necessary technical capabilities and interpersonal skills in them.

The emphasis on shared leadership and participative decision-making is a positive aspect of the institution's management philosophy. By involving faculty members in the decision-making process, SNGCE recognizes the value of their expertise and ensures that multiple perspectives are considered.

An individual's progress is directly propositional to the interpersonal skill an individual develops. Thus to develop interpersonal skills of the students is a significant factor of the institution's mission. To achieve this, the institution allows an ample space for communication throughout the academics. The liberty to express and communicate anything that enhances personal development without hindering the academic achievement is entertained by the institution, imparting confidence to the thoughts and actions of the students. The involvement of student delegates in the course committee meetings and the liberal magazine publications are some examples.

File Description	Documents
Paste link for additional information	https://sngce.ac.in/naac/AOAR/criteria6/C_6_6-1-1_2021-2022_1.pdf
Upload any additional information	View File

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

Effective leadership is indeed visible in various institutional practices such as decentralization and participative management in SNGCE. These practices reflect a leadership style that empowers individuals and encourages their active participation in decision-making processes. By decentralizing decision-making authority, leaders in SNGCE allow for a more distributed form of leadership, where different individuals and teams have the opportunity to contribute their expertise and ideas. This not only fosters a sense of ownership among employees but also promotes a culture of collaboration and accountability. Additionally, the practice of participative management ensures that employees feel valued, heard, and respected, leading to increased engagement and productivity. Overall, the implementation of decentralization and participative management in SNGCE illustrates the effectiveness of leadership in creating an inclusive and dynamic work environment. These practices demonstrate a leadership approach that promotes shared decision-making and empowers individuals.. Participative management further emphasizes the importance of employee involvement, ensuring that their voices are heard and respected in decision-making processes. This inclusive approach enhances employee engagement, productivity, and overall organizational effectiveness. Thus, the adoption of decentralization and participative management practices in SNGCE exemplifies effective leadership that encourages collaboration and values the contributions of individuals at various levels of the organization.

File Description	Documents
Paste link for additional information	https://sngce.ac.in/naac/AOAR/criteria6/C_6_6-1-2_2021-2022_1.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution's long-term strategic plan, exhibits a clear vision and roadmap for achieving continuous improvement and ultimately becoming a Centre for Excellence by 2030. This long-term perspective demonstrates the institution's commitment to its goals and its determination to excel in all facets of education.

One notable positive initiative outlined in the strategic plan is the establishment of committees. These committees are tasked with enhancing infrastructure facilities, introducing new courses, and strengthening academic-industry linkages through research, consultancy, and projects. By forming these committees, the institution encourages collaboration, facilitates decision-making processes, and ensures the effective implementation of initiatives aimed at improving infrastructure, expanding academic offerings, and establishing stronger connections with industry partners. This demonstrates a proactive approach to addressing various aspects of the institution's operations.

In summary, the institution's strategic plan encompasses multiple areas such as admissions, teaching and learning, faculty excellence, student outcomes, and infrastructure and e-governance. This comprehensive approach demonstrates the institution's commitment to providing quality education, fostering growth and excellence, and ultimately achieving recognition as a Centre for Excellence. By addressing these areas and implementing the initiatives outlined in the strategic plan, the institution strives to create a positive educational environment and realize its vision for the future.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://sngce.ac.in/naac/AQAR/criteria6/C_6_6-2-1_2021-2022_1.pdf
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.

SNGCE (Sree Narayana Gurukulam College of Engineering) exemplifies the effective and efficient functioning of its institutional bodies through a comprehensive set of strategies and practices. The institution's success can be attributed to several key factors.

Firstly, SNGCE has developed well-thought-out policies that are aligned with its core values and objectives. These policies cover a wide range of areas, including academics, admissions,

faculty recruitment, student welfare, research, and infrastructure development. By providing clear guidelines and standards, these policies promote transparency, accountability, and fairness in decision-making processes.

Secondly, SNGCE has established a well-organized administrative structure. The institution maintains a clear hierarchy, with administrators, departments, and committees having well-defined roles and responsibilities. This facilitates effective coordination, communication, and decision-making, ensuring the smooth operation of the institution.

Furthermore, SNGCE follows fair appointment and service rules. The institution emphasizes merit and professionalism in the recruitment of faculty members, staff, and administrators. A rigorous selection process ensures that qualified individuals are appointed, and performance evaluations are implemented to continuously assess and enhance the competence and productivity of employees.

In conclusion, SNGCE demonstrates effective and efficient functioning through its well-crafted policies, organized administrative structure, fair appointment and service rules, and streamlined procedures. These factors collectively contribute to the institution's ability to provide quality education, foster a conducive learning environment, and effectively serve its stakeholders.

File Description	Documents
Paste link for additional information	https://sngce.ac.in/naac/AQAR/criteria6/C_6_6-2-2_2021-2022_1.pdf
Link to Organogram of the institution webpage	https://sngce.ac.in/naac/AQAR/criteria6/C_6_6-2-2_2021-2022_2.pdf
Upload any additional information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

Sree Narayana Gurukulam College of Engineering offers a comprehensive range of welfare measures to support the well-being and professional growth of both teaching and non-teaching staff. The existing welfare measures include:

Health Insurance: Both teaching and non-teaching staff receive health insurance coverage, ensuring access to medical care and treatments.

Provident Fund: Employees are enrolled in a provident fund scheme, enabling them to save for their future financial security.

Gratuity: Teaching and non-teaching staff are entitled to gratuity benefits as recognition for their years of service.

Leave Benefits: Adequate leave allowances, including sick leave, casual leave, and annual leave, are provided to support work-life balance and personal needs.

Employee Assistance Program: SNGCE offers counseling services and support through an Employee Assistance Program to address work-related or personal challenges.

Professional Development: Opportunities for professional growth, workshops, and training programs are provided to enhance the

skills and knowledge of staff.

Subsidized Food and Transport: The institution may offer subsidized meals and transportation facilities for the convenience of employees.

Recreational Facilities: Access to recreational amenities like sports facilities or cultural events is available to promote relaxation and a sense of community among the staff.

Childcare Support: SNGCE may provide childcare services or allowances to assist staff with young children.

Retirement Benefits: Pension or retirement plans are available to ensure long-term financial security after the service tenure.

These welfare measures demonstrate SNGCE's commitment to the overall well-being and satisfaction of its teaching and non-teaching staff, fostering a positive and supportive work environment for all employees.

File Description	Documents
Paste link for additional information	https://sngce.ac.in/naac/AQAR/criteria6/C_6_6-3-1_2021-2022_1.pdf
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

25

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

49

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	No File Uploaded

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

56

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	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

The Performance Appraisal System at SNGCE is a well-structured and efficient process designed to assess the performance of both teaching and non-teaching staff. The system plays a crucial role in providing feedback, recognizing achievements, and identifying areas for improvement.

Regular Assessment: The Performance Appraisal System is conducted periodically, typically on an annual basis, to evaluate the performance of staff members.

Objective Criteria: The system employs clear and objective criteria tailored to the roles and responsibilities of teaching and non-teaching staff. These criteria may include teaching effectiveness, research contributions, administrative efficiency, teamwork, and other relevant factors.

Feedback Mechanism: The appraisal process incorporates a feedback mechanism where supervisors, peers, and even self-evaluations are considered to provide a well-rounded assessment of the employee's performance.

Goal Setting: Employees are encouraged to set performance goals aligned with the institution's objectives.

Recognition and Development: High-performing staff members are acknowledged and rewarded for their contributions, motivating them to continue excelling.

Fairness and Transparency: The Performance Appraisal System

ensures fairness and transparency in the evaluation process, promoting an atmosphere of trust and accountability.

Performance Improvement Plans: In cases where staff members need assistance in reaching performance expectations, personalized Performance Improvement Plans are created to support their growth.

Continuous Improvement: SNGCE regularly reviews and updates the appraisal system to align it with the institution's evolving goals and to enhance the effectiveness of the evaluation process.

File Description	Documents
Paste link for additional information	https://sngce.ac.in/naac/AQAR/criteria6/C_6_6-3-5_2021-2022_1.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

In SNGCE, several internal and external financial audits are conducted throughout the year to ensure financial transparency and compliance with regulations. The audits include:

Internal Audits: They evaluate financial records, internal controls, and processes to identify any discrepancies or areas for improvement.

External Audits: External audits are carried out by a reputable audit firm external to SNGCE.

Government Audits: SNGCE is subject to audits by government authorities or regulatory bodies to verify compliance with relevant laws, regulations, and funding requirements.

Donor/Grant Audits: If SNGCE receives funding or grants from external donors or agencies, audits may be conducted to ensure proper utilization of the funds and adherence to grant-specific guidelines.

The mechanism for settling audit objections follows a systematic approach:

Audit Report Review: Once the audit is completed, the audit team presents their findings in a detailed report, highlighting any objections or discrepancies identified.

Management Response: SNGCE's management reviews the audit report and provides a formal response, addressing each audit objection and explaining the actions taken or proposed corrective measures.

Resolution Plan: Based on the management response, a resolution plan is formulated to rectify the identified issues and implement necessary changes.

Implementation: The resolution plan is put into action, and the management ensures that the recommended improvements are effectively implemented.

Follow-up Audit: In some cases, a follow-up audit may be conducted to verify the implementation of corrective actions and the resolution of objections.

File Description	Documents
Paste link for additional information	https://sngce.ac.in/naac/AQAR/criteria6/C_6_6-4-1_2021-2022_1.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)

0.52

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

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

The resource mobilization policy and procedures of the Institution focus on effective strategies to acquire and manage funds, ensuring financial stability, sustainability, and support for its various academic and operational needs. The key components of the policy and procedures are as follows:

Diverse Funding Sources: The Institution employs a multi-faceted approach to resource mobilization, seeking funds from a range of sources such as government grants, tuition fees, donations from alumni, corporate sponsorships, research grants, and endowments.

Alumni Engagement: The Institution maintains a strong alumni network, fostering connections and collaborations with former students to secure financial support and promote active involvement in the institution's development.

Corporate Partnerships: The Institution seeks partnerships with corporate entities for sponsorships, research collaborations, and infrastructure development, creating mutually beneficial relationships.

Grant Applications: The Institution actively pursues research grants and projects from government agencies and private foundations to support academic and research initiatives.

Endowment Fund: An endowment fund is established to accumulate donations and investments, generating a sustainable income stream for long-term financial support.

Transparent Financial Management: The policy emphasizes transparency and accountability in financial matters, adhering to proper accounting practices and ensuring the efficient utilization of funds.

Resource Allocation: An efficient resource allocation mechanism is in place to allocate funds to various academic departments and administrative units based on their needs and priorities.

Periodic Review and Adaptation: The policy undergoes periodic review to adapt to changing financial landscapes and align with the institution's evolving needs and objectives.

File Description	Documents
Paste link for additional information	https://sngce.ac.in/naac/AQAR/criteria6/C_6-4-3_2021-2022_1.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

The IQAC of SNGCE effectively maintains the quality of teaching and learning by implementing various rigorous initiatives and measures, including Faculty Self-Appraisal, Faculty Development Programs (FDPs), and Training Programs for both teaching and non-teaching staff. Additionally, they organize workshops on Outcome-Based Education (OBE), conferences on educational reforms, Success Improvement Program (SIP), and conduct Academic and Administrative Audits to ensure continuous improvement. SIP helps the students in clearing their arrears, special coaching classes have been conducted weekly once for selected subjects throughout the semester. As a part of quality assurance, the institution furnished itself before the National Board of Accreditation for two eligible programs namely Computer Science and engineering and Naval Architecture and Shipbuilding.

File Description	Documents
Paste link for additional information	https://sngce.ac.in/naac/AQAR/criteria6/C_6-5-1_2021-2022_1.pdf
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

Periodically, the institution conducts reviews of its teaching-learning process and academic operational methodologies through the IQAC.

The Academic Auditing System

The IQAC conducts regular academic audits to assess and evaluate the quality of academic programs and processes within the institution. These audits serve as a systematic and comprehensive review of various aspects, including curriculum design, teaching methodologies, assessment methods, learning resources, and overall academic standards. To uphold academic standards, the IQAC conducts internal academic audits every semester, while also arranging external academic audits annually by KTU auditors. The audits have proven instrumental in implementing the OBE process.

Outcome-Based Education- Review

The institution follows established norms by periodically conducting reviews of its Teaching Learning process, operational structures, and learning methodologies through the IQAC. The IQAC is dedicated to meticulously monitoring the teaching learning process to ensure the provision of quality education. It actively facilitates reviews of academic and research output in departments and offers valuable suggestions for improvement. Emphasizing the importance of aligning Program Outcomes (PO), Program Specific Outcomes (PSO), and Course Outcomes (CO), the IQAC encourages mapping exercises at the beginning of each program or course, guiding the selection of appropriate teaching and evaluation methodologies. At the start of every academic year, the IQAC effectively communicates its policies regarding Remedial, Mentoring, and Outcome-Based Education (OBE) to all teaching departments.

File Description	Documents
Paste link for additional information	https://sngce.ac.in/naac/AQAR/criteria6/C6_6-5-2_2021-2022_1.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC);

B. Any 3 of the above

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)

File Description	Documents
Paste web link of Annual reports of Institution	https://sngce.ac.in/naac/AQAR/criteria6/C_6_6-5-3_2021-2022_1.pdf
Upload e-copies of the accreditations and certifications	No File Uploaded
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

Higher education institutions are the key instruments for promoting gender equality, diversity, and inclusion. SNGCE ensures gender equity and promotes them through conscious intervention and effective implementation. Our institution makes use of a fair and transparent recruitment and promotion process for the staff members irrespective of gender. Both male and female students have equal opportunity in placements. Currently more than 70% of staff members in our college are female. Women play crucial administrative roles in the institution. The Female faculty members and students play a very active role in the events and fests organized by various committees and clubs of the institution and outside the campus. In the Student Council Elections, the posts of vice chairperson are reserved for women; whereas all other posts are open to all. Women's Cell plans and conducts various programmes targeted at ensuring gender equality in the campus. Safety and security of our staff and students is achieved by CCTV surveillance and 24x7 security guards are available in the campus. Ample college bus facility ensures safe

commute for all. For boys and girls, we have separate hostels and strict rules are observed to maintain proper law and order. Girls hostel has a full time female warden, matron, and helpers.

File Description	Documents
Annual gender sensitization action plan	https://sngce.ac.in/naac/AOAR/criteria7/C7_7-1-1_2021-2022_1.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	Nil

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

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

The primary focus is to reduce, reuse and recycle the waste. The management has also advised us to refuse anything which is not needed. Our college facilitates several techniques for the management of degradable and non-degradable waste. . Solid waste management including E-waste in the campus is accomplished either by inhouse utilization and by outsourcing its collection and disposal to an authorized agency. Different waste bins are placed in all departments at various places so that the waste is segregated at the source itself. The nontoxic biodegradable waste is used in the biogas plant. The slurry from the plant is used in the vegetable garden. To burn the garbage, without polluting the air, an incinerator is used in the college campus. Sewage

plant is functioning in the college campus for the management of liquid waste. Waste water received is treated in the STPs and used for irrigation of landscaping and gardening within the campus

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
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	No File Uploaded

7.1.5 - Green campus initiatives include

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

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

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	No File Uploaded
Any other relevant documents	No File Uploaded

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

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

A. Any 4 or all of the above

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

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

B. Any 3 of the above

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

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

Institution has conducted several programs for providing an inclusive environment. It has taken various initiatives for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities. The extension activities are targeted towards enabling a holistic environment for student development. Morning chant comprises a few handpicked stanzas from Sree Narayana Guru's Daiva Dasakam. It inculcates a sense of harmony among all. Students belonging to different caste, religion, regions are studying in this campus without any discrimination. To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated in the campus to generate the feeling of oneness and social harmony. Besides academic and cultural activities, a variety of sports activities are conducted for the physical development of the students. National Service Scheme: NSS unit of SNGCE organizes various programmes that provide the staff and students an opportunity to help the society. Blood donation camp is annually organized by SNGCE in association with NSS where students, faculty and staff contributed voluntarily by donating blood for the noble cause of serving society. Institution is offering a helping hand to the kids in the nearby orphanage. We used to provide them with the learning accessories.

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 institute promotes the secular, democratic and inclusive values enshrined in our Constitution. Students are encouraged to exercise their fundamental freedoms with a clear understanding of duties too. The Student Body Government is formed by the will of students through elections where all students are equally eligible to be represented or elected as a head of the student body without any discrimination. All other student clubs and bodies are founded on similar democratic values and participation and membership is open to all. Within the classroom, students are sensitized to present their views through reasoned argument and in a language that does not offend class, caste, religious or ethnic sensibilities. Courses like Constitution of India, Life Skills, Professional Ethics and Disaster Management are offered by the institution as part of university curriculum. Constitutional rights, duties are displayed in various locations on the campus. National anthem is compulsorily recited after every official program in our college to instill patriotism in all members in the campus. To infuse young minds with a sense of patriotism and nationalistic feelings SNGCE celebrates Republic Day and Independence Day every year. Code of conduct is prepared for students and staff and everyone should obey the conduct rules.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://sngce.ac.in/naac/AQAR/criteria7/C7_7-1-9_2021-2022_1.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers,

B. Any 3 of the above

administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

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

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

Our college celebrates National and International commemorative days, events and festivals enthusiastically every year. All staff members and students gather in the college to celebrate these days. Every culture has a number of festivals and celebration has become a vital activity. Celebration of cultural and constitutional festivals is an integral part of college's co-curricular activities. Every year institute celebrates National and International commemorative days and

important festivals which promote harmony amongst students and staff. We celebrated the Christmas, Arangu Induction programme and commemorative days like Yoga Day, Anti Drug day Teachers day and Pi day with great enthusiasm . Such events serve as a platform to demonstrate the cultural heritage and communal harmony in the campus.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
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.

Best Practice I

1.FAB-LAB

2. To empower students to create smart devices and technology enabled products and local entrepreneurship culture.

3. SNGCE Fab-Lab is a technical prototyping platform for innovation and inventions . This acts as a facility that provides a stimulus for local entrepreneurship.

4. The Fab-Lab in SNGCE is being used effectively by both teachers and students . All the students of different engineering department of the college are given opportunity to use this facility.

5. There is an increase in the number of students who are benefited by using the FAB Lab facility. Final year students are making the prototype of their project in FAB Lab.

6. Problems Faced and resources required.

7. One of the problems faced by the Fab-Lab is that few faculty members who have been trained in the operation and maintenance of the equipment in the lab quit the job during the pandemic.

Best Practice II

1. Student Improvement Programme

2. To enhance overall performance and employability index of all the students

3. SIP activities are intended to transform the students into autonomous learners and to inculcate the spirit of lifelong learning. SIP promotes self-learning.

4. Each class/ batch is divided into different groups according to the strength in each class. Each group will be under a teacher who will be responsible for the academic and nonacademic activities of each student in the group.

5. The SIP has contributed to large scale reduction in back papers leading to Zero Supply Status (ZSS) and also to enhance the performance in University examinations.

6. The workload of individual teachers has increased.

File Description	Documents
Best practices in the Institutional website	https://sngce.ac.in/naac/AQAR/criteria7/C7_7-2-1_2021-2022_2.pdf
Any other relevant information	Nil

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

Sree Narayana Gurukulam College of Engineering is a leading technical institution located in Kerala, India. Established in 2002, the college has gained a reputation for its innovative and unique practices in engineering education.

Industry-Academia Collaboration: SNGCE has established strong collaborations with leading industries in the field of engineering. This collaboration has resulted in various joint research projects, internships, and training programs for students. This practice helps students gain practical knowledge and skills and have resulted in good job opportunities for the students

Experiential Learning: SNGCE has a unique approach to teaching, where the focus is on hands-on, experiential learning. The college has well-equipped laboratories and workshops, where students can get hands-on experience. The college organizes technical events and competitions, where the students can showcase their skills and learn from their peers.

Innovation and Entrepreneurship Development Cell: SNGCE has a unique program for entrepreneurship development, which aims to encourage and support students who are interested in starting their own ventures. The college has a dedicated incubation center. The college organizes many events and competitions, which provide students an opportunity to showcase their ideas and get feedback from industry experts.

Social Responsibility: SNGCE has a strong commitment to social responsibility. The NSS unit of the college organizes various programs and takes initiatives aimed at improving the lives of the local community. This practice provided students an opportunity to apply their engineering skills to real-world problems.

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

7.3.2 - Plan of action for the next academic year

The IQAC of Sree Narayana Gurukulam College of Engineering has the following broad areas to focus next year:

- Preparation for NAAC re-accreditation:

To improve the quality of the institution, SNGCE has to prepare for the re-accreditation of NAAC. Need to start the preparation of SSR in the coming academic year and need to submit IIQA at the end of that academic year.

- Fulfill Social Obligations:

Every field of the society has to ameliorate after the depreciation by the pandemic. Need to organize more activities

and programmes to fulfill social obligations.

- **Skill Development Programmes and Activities:**

To promote job oriented courses, SNGCE has a plan to organize various programmes related to skill development activities.

- **Promotion of Extension Activities:**

Organize extension activities for the benefit of society and to develop social commitment to our students.

- **Promotion of Research Culture:**

To promote research culture, encourage faculty members to produce more quality research publications.

- **Improve the Technical Competency of Students:**

Emphasis on refining the course delivery and learning outcomes to make the advanced technical competency on students and hence achieve improved results in competitions and placements.