



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>	
	<b>GOVERNMENT COLLEGE OF ENGINEERING, SALEM-11</b>
• Name of the Head of the institution	<b>Dr .R.VIJAYAN</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>04272346157</b>
• Mobile No:	<b>9443441416</b>
• Registered e-mail	<b>principal@gcesalem.edu.in</b>
• Alternate e-mail	<b>gcesalem.edu@gmail.com</b>
• Address	<b>NH 7, BANGALORE HIGHWAY, SALEM-636011</b>
• City/Town	<b>Salem</b>
• State/UT	<b>Tamil Nadu</b>
• Pin Code	<b>636011</b>
<b>2.Institutional status</b>	
• Affiliated / Constitution Colleges	<b>Affiliated</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>

• Financial Status	Grants-in aid				
• Name of the Affiliating University	Anna University				
• Name of the IQAC Coordinator	Dr. S. Sivalakshmi				
• Phone No.	04272346102				
• Alternate phone No.	04272346157				
• Mobile	9842888202				
• IQAC e-mail address	iqac@gcesalem.edu.in				
• Alternate e-mail address	iqacgces@gmail.com				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://gcesalem.edu.in/13/aqac-report">https://gcesalem.edu.in/13/aqac-report</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Downloads/Academic%20Schedule%20-%202022-2023%20Even%20Semester.pdf">https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Downloads/Academic%20Schedule%20-%202022-2023%20Even%20Semester.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.58	2018	02/11/2018	01/11/2023
<b>6.Date of Establishment of IQAC</b>			06/08/2018		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Institution	Intensive coaching	TN State Govt.	2022-2023 (1 Year)	421250	
Institution	ME stipend	TN State Govt.	2022-2023 (1 Year)	4176000	
<b>8.Whether composition of IQAC as per latest</b>			Yes		

<b>NAAC guidelines</b>	
<ul style="list-style-type: none"> <li>• Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>
<b>9.No. of IQAC meetings held during the year</b>	<b>4</b>
<ul style="list-style-type: none"> <li>• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>
<ul style="list-style-type: none"> <li>• If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>• If yes, mention the amount</li> </ul>	
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
<ul style="list-style-type: none"> <li>• As a part of the syllabus and curriculum, students of undergraduate are motivated and supported in undergoing internships to update themselves with the current needs of the industrial sector.</li> </ul>	
<ul style="list-style-type: none"> <li>• All the six engineering departments of the institution are supported in conducting national-level technical symposiums to help them develop managerial and organizational skills.</li> </ul>	
<ul style="list-style-type: none"> <li>• The Faculty members of our institution are also motivated to attend Faculty Development Programmes, training programmes, workshops and conferences in our institute and other institutions as well. All such programmes are usually state-government or central-government-funded.</li> </ul>	
<ul style="list-style-type: none"> <li>• The students of the institution are offered support by the state government for GATE examination preparation, internship, employability skill training, and career counseling. The students are guided to make use of the opportunity to improve their employability.</li> </ul>	
<ul style="list-style-type: none"> <li>• Students are motivated to participate in the skill development programme, and online courses under NPTEL, and other Indian and</li> </ul>	

foreign universities.

**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
Students to be encouraged to excel in sports	Cricket team of the institution secured runner position in the Anna University Zonal level Men's Cricket Tournament
Faculty members to be encouraged to publish research articles in reputed journals	Faculty members successfully published papers in national and international journals
Faculty members to be supported to do research	Many faculty members were pursuing their research and a few of them have completed their doctoral degree in the academic year.
Symposiums to be conducted by the departments to enhance the students' technical knowledge	National level technical symposiums were conducted by the engineering departments and the students were benefitted.
Students to be motivated to improve their employability skills	Students enhanced their skills through various online platforms like NPTEL, SWAYAM and other MOOCS, apart from their syllabus.
Focus to be given on students to excel at extra-curricular activities	Various clubs for students functioned excellently and helped students to focus on their extra-curricular skills
Participation in the programmes organised by other Institutions	Students and faculty members registered and took part in various workshops and training programmes organised by other institutions

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

Yes

- Name of the statutory body

Name	Date of meeting(s)
BOG	13/04/2023

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2022	05/01/2023

**15. Multidisciplinary / interdisciplinary**

The motto of the Government College of Engineering, Salem is to provide a multidisciplinary platform with a comprehensive range of programs at a global standard in Engineering and Technology. With respect to the current needs of the industrial sector, numerous interdisciplinary courses are offered under CBCS. The courses cover a wide range including Basic Science & Humanities, Professional core and electives, open electives, employability enhancement courses, and mandatory courses. Industry internships, courses oriented to industry, online industrial courses, and industrial mentorship are all available as part of the curriculum. Students may choose open electives and core electives according to NEP 2020 policy to support multidisciplinary education. As an innovative initiative, selected students of the 6th semester from various departments are offered industry-based training for the whole semester called Protosem. Forge is the company partner that offers the training for the students. It aims at offering real-time problem-solving training for the students and equipping them with the necessary skills to tackle such situations when faced in the industry.

**16. Academic bank of credits (ABC):**

Steps were taken to create awareness among the students of the institution about the existence of ABC (Academic Bank of Credit). Initial efforts to implement ABC in order to digitally store the academic credits earned by the students and the process to do so has been set in motion. The representatives have been given the responsibility to assist the students in this matter

**17. Skill development:**

The existing curriculum of the institution places more importance on learning by doing. As a part of it Student Internship Training Program in industry is made mandatory for all Undergraduate students. Such students are granted funds by the State Government for participating in the internship training program. There is a visible enhancement in the students' employability skills through

this initiative.

The Government of Tamil Nadu and the Department of Skill Development introduced a scheme named 'Naan Mudalvan' to all college students. As a part of the programme all the 4 year UG students of the institutions were trained in various skill development courses through online mode. Expert lectures were made available for the students and achievement tests were conducted to assess the students' achievement and feedback was given accordingly.

InnovateTN was another skill development initiative implanted in the institution. It is also known as Proto-Sem in which selected students were given training on how to tackle everyday issues in the current industrial scenario. The students were free to choose their own field of interest and to complete projects in teams.

Employability skill training programs were conducted to improve the student's employability skills.

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

Paying respect and reverence to nature is a major Indian way of life. To integrate it into the minds of the students at their younger age, Environmental Science and Engineering has been made mandatory courses in the CBCS curriculum. It provides an insight into the current lifestyle and its exploiting of nature. It also aims to make the students, environmentally responsible citizens.

Universal human values is another paper introduced in the first semester of UG. The paper aims to create awareness among the students on the concepts of Human Values, Happiness, Professional Ethics and Environmental awareness.

In the 22 regulations, 2 papers on Tamil were introduced to make the students understand that it is their responsibility to maintain the glorious tradition of Tamil culture.

TLA is the club in GCE Salem that aims to support students who are creative and expressive in Tamil verbal arts. In the academic year 2022-2023, the club published magazines and books in Tamil compiled and contributed by the students of the institution.

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

The objectives of OBE are implemented in the following ways in our Institution.

Program Educational Objectives (PEOs), Program Outcomes (POs), and Course Outcomes (COs) are conceptualized in a holistic manner and are assessed and achieved.

Development of Program Outcomes and Program Educational Objectives in alignment with departmental and institute missions and visions.

Setting up a mapping between the PO and the PEO.

Planning and developing course outcomes for each course, such as theory subjects, projects, surveys, etc.

An assessment of both internal and external assessments is used to calculate Net CO attainment.

Evaluation of program outcomes based on actual and expected outcomes.

Finally, batch-wise comparisons of POs and PEOs are carried out as well as the attainment of PEOs.

Assessment of Outcome Based Education has been enhanced by the successful attainment of PEOs and POs. Furthermore, the attainment is also helpful to the institute to review its PO, PEO, and Vision and Mission in the future.

## **20.Distance education/online education:**

Digital and Online Education.

A number of the faculty members are proficient in developing electronic content and in using technological tools, as well as teaching-learning strategies, as part of their teaching-learning process. In order to facilitate academic practice and to apply innovative teaching methods, the institution has a learning management system (LMS).

A new addition to the numerous technical advancements in the institution is the AR/VR Lab. The lab has provided an opportunity for interested students to do projects using the advanced software. The students have come up with many innovative augmented and Virtual reality projects that have helped them to be digitally updated and ready for the expectations of the companies that look to hire

students.

To be able to provide the best possible learning environment for the students, the department and the institution provide high-quality assistance to students in regard to their academic and career development. The department and the institution have arranged sessions on a variety of components such as career opportunities, GATE awareness, and education abroad.

By participating in technical and non-technical events, such as national and international conference presentations, hackathons, project design contests, etc., students are encouraged to interact with the outside world. Aside from facilitating personal achievement and insight, NEP's mission is to promote active participation in public activities and a productive contribution to society as listed in its policy.

It is mandatory for all engineering programs to comply with the AICTE model curriculum outlined in Regulation 2022 on the basis of the CBCS curriculum and the syllabi of all engineering programs. In order to facilitate the delivery of a multidisciplinary education according to NEP policy, students are encouraged to select open electives as well as professional electives that are of interest to them. As a result of the involvement of various clubs and organizations in and across the university, numerous events are held throughout the year for the students to actively participate in.

Students and staff members are encouraged to update themselves in the current fields by doing courses in NPTEL and SWAYAM. The institution also serves as the local chapter for NPTEL and SWAYAM

## Extended Profile

### 1.Programme

1.1 568

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

File Description	Documents
Data Template	<a href="#">View File</a>

### 2.Student

2.1 2092



Number of students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

2.2 26

Number of seats earmarked for reserved category as per GOI/ State  
Govt. rule during the year

File Description	Documents
Data Template	<a href="#">View File</a>

2.3 529

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

### 3.Academic

3.1 109

Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.2 127

Number of Sanctioned posts during the year

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of courses offered by the institution across all programs during the year	<b>568</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Number of students during the year	<b>2092</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	<b>26</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.3 Number of outgoing/ final year students during the year	<b>529</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of full time teachers during the year	<b>109</b>
File Description	Documents
Data Template	<a href="#">View File</a>

3.2	127
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

<b>4.Institution</b>	
4.1	56
Total number of Classrooms and Seminar halls	
4.2	1293.55
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	584
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

- The formulation of a department's vision, mission, Program Educational Objectives (PEOs), Program Outcomes (POs), and Program Specific Outcomes (PSOs) commences with policy changes from regulatory bodies such as AICTE or the Department of Higher Education. The institute's vision and mission serve as guiding principles, integrated into the department's goals by the Department Advisory Committee.
- Input is sought from diverse stakeholders: faculties, academic and industry experts, employers, students, alumni, and parents. The committee considers key aspects like engineering knowledge, standards exposure, industrial demands, employability, skill development, and ethical values.
- This collective input informs the department's vision and mission, which, in turn, influences the PEOs, POs, and PSOs

for the B.E and M.E program. The BOS featuring university nominees, subject and industrial experts, alumni, faculty, and students, reviews and refines these elements before Academic Council approval.

- The curriculum design process follows suit, with a draft developed based on stakeholder input and committee recommendations. After BOS scrutiny and approval by the Academic Council, the curriculum is implemented.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://drive.google.com/drive/folders/1yRFzbADVfjokuFEoS0Y2vC3srcM0lUWm">https://drive.google.com/drive/folders/1yRFzbADVfjokuFEoS0Y2vC3srcM0lUWm</a>

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

The institution's commitment to academic rigor and systematic educational processes is exemplified by its steadfast adherence to the academic calendar, which includes the pivotal practice of Continuous Internal Evaluation (CIE).

The academic calendar serves as the institution's roadmap for the entire academic year. It meticulously outlines the schedule for classes, assessments, examinations, and other educational activities.

CIE is a multifaceted assessment mechanism that unfolds progressively throughout the academic term. It incorporates quizzes, assignments, projects, and periodic examinations to gauge students' understanding and progress. This approach ensures that assessment is not a one-time event but a continuous process, offering students ongoing opportunities for self-improvement and growth.

Adhering to the academic calendar, especially in relation to CIE, showcases the institution's dedication to a structured and comprehensive educational framework. Students benefit from regular feedback, enabling them to identify their strengths and areas

requiring development.

By following the academic calendar and CIE practices, the institution nurtures a dynamic, learner-centric environment. It fosters holistic development, critical thinking, and a profound understanding of subjects, ensuring that students are well-prepared for the challenges of both academia and the professional world. This commitment underscores the institution's unwavering pursuit of academic excellence.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	<a href="https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Downloads/Academic%20Schedule%20-%202022-2023%20Even%20Semester.pdf">https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Downloads/Academic%20Schedule%20-%202022-2023%20Even%20Semester.pdf</a>

**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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## **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**

**12**

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 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)

69

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

2092

#### 1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

2773

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

**The Government College of Engineering, Salem, stands as a shining**

example of educational innovation and social responsibility by effectively integrating crosscutting issues into its curriculum. This institution has taken a proactive stance in nurturing not just technically proficient engineers, but also socially conscious and ethically grounded individuals.

By incorporating subjects related to professional ethics, the college equips its students with the moral compass necessary to make principled decisions in their future careers. This ensures that graduates are not just experts in their fields but also responsible professionals who uphold the highest ethical standards.

In addressing gender issues, the institution promotes inclusivity and gender equality. It creates an environment where students, regardless of gender, can thrive and contribute to their full potential.

Human values and environmental awareness are integral to the curriculum, fostering empathy, respect for diversity, and a deep understanding of sustainability. Graduates are instilled with a sense of responsibility toward the environment, which is essential in today's world.

The Government College of Engineering, Salem, exemplifies a holistic approach to education. It prepares students not only to excel in their careers but also to be conscientious, empathetic, and environmentally aware individuals. By embedding these crosscutting issues, the institution plays a pivotal role in shaping the future leaders who are poised to make a positive impact on society and the world.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

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

14

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

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

518

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 1.4 - Feedback System

<b>1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders</b> <b>Students</b> <b>Teachers</b> <b>Employers</b> <b>Alumni</b>	<b>A. All of the above</b>
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File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

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

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://gcesalem.edu.in/13/feedback">https://gcesalem.edu.in/13/feedback</a>

**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 sanctioned seats during the year**

**588**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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**

**382**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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

GCE, Salem believe in outcome-based learning processes, where we categorize the students through valid support from Faculty advisors, based on the class interaction and test performances.

**Programmes for Advanced Learners:**

(i) They are offered with Skill Development and Placement Training Programmes like Communicative English, Aptitude sessions.

(ii) They are motivated to prepare for competitive examinations like GATE, CAT, UPSC, GRE, TOFEL, and IELTS and also offered Foreign language training for German, Japanese and French.

(iii) Assignment and Student Seminars on contemporary topics to enable them for placement.

(iv) The academic achievements of the students are extremely motivated by honoring them with Medals and certificates on Graduation Day, department functions.

(v) They are appointed as member in board of studies and office bearers of student council, department association and various professional bodies to develop their communication, leadership and team building skills.

(vi) They are encouraged to participate in value added/MOOC Courses, Seminars/ Conferences/ Workshops, National /International level hackathons.

(vii) The Faculty members helps the students to do real time projects and publish papers.

**Programmes for Slow Learners:**

(i) By conducting remedial classes to improve the academic

performance of the slow learners.

(ii) By giving additional assignments/tutorials for problem solving.

(iii) Mentoring System is in practice to resolve the difficulties faced by the slow learners both academically and personally. Slow learners are continuously monitored and motivated by mentors to improve their performance.

File Description	Documents
Link for additional Information	<a href="https://drive.google.com/drive/folders/1om_uodZ3yxEBUaUPDFaBiA3dReEbbgmoQ?usp=drive_link">https://drive.google.com/drive/folders/1om_uodZ3yxEBUaUPDFaBiA3dReEbbgmoQ?usp=drive_link</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
2092	109

File Description	Documents
Any additional information	<a href="#">View File</a>

## 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

The teaching-learning process is one of the major objective and the strength of GCE. Students are given a right blend of traditional and modern methods to make learning studentcentric and a rewarding experience. Experiential learning, participative learning and problem solving methodologies are well adopted. Outcome Based Education (OBE) is implemented to achieve the desired learning outcomes.

**Experiential Learning:**

1. Beyond syllabus laboratory sessions and periodic Industrial visits

2. Hands on training through internships are made compulsory

3. Student Technical clubs like Institute of EEE, e-yantra Robotics, startup cell

4. Value added Certificate courses

**Participatory Learning:**

1. Gceofest, Symposia for Paper, Project and Poster presentations for every department is conducted annually and students are encouraged to take part in Inter-college / Nationwide conferences, seminars.

2. To enhance student Managerial skills activities like English Literature Association and Tamil Mandram events are held to inculcate extra-curricular skills. The Annual cultural program organized for students is an arena for creativity.

**Problem Solving Skills:**

1. Students are given exposure on problems relating to various cross cutting issues.

2. They are mentored by faculty and given ideas to solve the problems. Case studies are given to analyze and make decisions.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://drive.google.com/drive/folders/1d1f1b63w69FXhNNcdRYRq7ZbgGDJgN4h?usp=drive_link">https://drive.google.com/drive/folders/1d1f1b63w69FXhNNcdRYRq7ZbgGDJgN4h?usp=drive_link</a>

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

- Information and Communication Technology (ICT) has become an integral part of the teaching and learning process. Use of ICT tools has greater impact in students learning, as they can access the learning materials anytime from anywhere.

- GCE, realising the Power of ICT, has constantly encouraged the faculty and students to use the ICT tools wherever it is possible. Faculty are given training to regularly update the various tools available for modern innovative teaching and learning.
- Faculty are provided facilities to use online platforms such as zoom, Google meet and MS Teams to deliver lectures in online. Continuous assessment tests and end semester exams are conducted using these platforms.
- Smart classrooms are available in all departments where the faculty can download video clippings, course contents and quizzes online.
- Digital Library provides e - resources, namely, e-books, e-journals, databases which the faculty can access from anywhere. Use of ICT tools and online mode of education have become inevitable for effective teaching and learning. GCE and its faculty are fully prepared for the use of ICT tools.
- Peer grouplearning, NPTEL/Swayam, Project based learning.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="https://drive.google.com/drive/folders/1I1s9qeXw29dFP00WwBWycZ2D-t6zs-fG?usp=sharing">https://drive.google.com/drive/folders/1I1s9qeXw29dFP00WwBWycZ2D-t6zs-fG?usp=sharing</a>

### 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

96

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

109

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

### 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

50

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

1103

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 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.

GCE, Salem follows the robust procedure for internal assessment. The internal assessment is transparent as the evaluation procedures are displayed in the website and printed in the curriculum and syllabus book. The tests, assignment and tutorials are conducted with the interval of one month.

### Theory courses:

- Unit Tests [75% weightage]: Three tests, each carrying FIFTY (50) marks, shall be reduced to 75 marks.
- Assignment [12.5% weightage]: The total marks of Three assignments carrying 10 Marks each shall be reduced to 12.5 marks.
- Tutorial / Objective Test [12.5% weightage]: The total marks of Three Tutorial / Objective Test carrying 10 Marks each shall be reduced to 12.5 marks.
- The total of 100 marks shall be reduced to 40 marks.

### Practical Courses with Laboratory Component:

Every Practical exercise / experiment shall be evaluated based on conduct of exercise / experiment and records maintained.

There shall be atleast one test. The criteria for arriving at the internal assessment marks are:

Experiment / Record / Practical classes Performance : 60%  
Weightage

Practical Test : 40% Weightage

The total of 100 marks shall be reduced to 40 marks.

Project Work:

There shall be three assessments during the semester by a review committee. The students shall make a presentation on the progress of the project before the committee. The Head of the Department shall constitute the review committee consisting of HOD, Guide and a senior member of faculty. The criteria for arriving at the internal assessment marks for the Project Work evaluated for 80 marks are:

Work assessed by the Project Guide : 50% Weightage

Work assessed by the Committee : 50% Weightage

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://gcesalem.edu.in/regulations-2018">https://gcesalem.edu.in/regulations-2018</a>

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

GCE, Salem implemented transparent, time- bound and efficient methods for collecting grievances related to internal examinations.

Student addresses the course related grievances to the course faculty members, subject mentors and through class committee meetings.

The first meeting of the class committee shall be held within fifteen days from the date of commencement of the semester, in order to inform the students about the nature and weightage of assessments with the framework of the regulations. Two or three subsequent meeting may be held in a semester at suitable intervals.

At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the class committee. The chairperson of the class committee may invite the Faculty adviser(s) and the Head of the department to the meeting of the class committee. The



Principal may participate in any class committee of the institution.

The chairperson is required to prepare the minutes of every meeting, submit the same to Principal within two days of the meeting and arrange to circulate it among the students and teachers concerned. If there are some grievances in the minutes requiring action by the Head of the Departments and the same shall be brought to the notice of Head of the institution.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://gcesalem.edu.in/regulations-2018">https://gcesalem.edu.in/regulations-2018</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

- Government College of Engineering, Salem implemented Outcome Based Education in alignment with AICTE. Learning Outcomes and Objectives are well defined for each course including practical. This helps both the faculty and student to come to a common understanding of their responsibilities, as the outcomes are measurable and quantifiable.
- PEOs are defined for each department in alignment with their vision and mission statement. Programme Specific Outcomes are framed to attain PEOs and the vision of the department.
- The Curriculum and Syllabi are designed such that the attainments of POs and PSOs can be measured through the COs. The Cos for each course and it is mapped with relevant POs.
- The POs and PSOs are displayed in College website, all prominent places of the department, faculty cabins, library, Classrooms and Laboratories, Curriculum and Syllabi book. The Course outcomes are disseminated to students through Curriculum and Syllabi book, Question papers.
- Every student provides the feedback on the attainment of COs in all the courses of the semester under the course end

survey. The outcome and attainment levels are analysed and used for further improvement.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://gcesalem.edu.in/index.php/node/654">https://gcesalem.edu.in/index.php/node/654</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) are evaluated through direct and indirect assessments.

Attainment of COs :

The attainments of COs are based on direct and indirect assessment.

Direct : The various tools used for the direct assessment are Assignments, Tutorials/Quizzes, Continuous Assessment, End Semester Examination, Rubrics for project works.

Indirect: The tools used for indirect assessment include course end survey collected at the end of every semester for each course.

Cumulative:

Attainment of COs = [75% of Direct Assessment + 25% of Indirect Assessment]

Attainment of POs and PSOs :

The attainment of POs and PSOs are measured directly from the COs.

The attainment of POs and PSOs are measured quantitatively through COs by assigning weightage to the COs, that are Substantial (3), Moderate (2), and Slight (1) respectively.

Indirect: The Indirect Assessment of POs / PSOs include the

programme exit survey, alumni survey employer and also survey obtained from internships, workshops etc...

Cumulative :

PO/PSO attainment = 90% of direct assessment + 10% of indirect assessment Cumulative POs and PSOs attainment are calculated at the end of every academic year and are analysed for further improvement through discussion in PAC, DAC and BOS.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://drive.google.com/drive/folders/1I-2p9fEhPUopNRv-wWXyYX5mofhMegyt?usp=sharing">https://drive.google.com/drive/folders/1I-2p9fEhPUopNRv-wWXyYX5mofhMegyt?usp=sharing</a>

### 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

489

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://drive.google.com/drive/folders/1HLblmYAcx3sThIcQ0k6rOKLlxVRIn5KT?usp=sharing">https://drive.google.com/drive/folders/1HLblmYAcx3sThIcQ0k6rOKLlxVRIn5KT?usp=sharing</a>

### 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://drive.google.com/drive/folders/1SRBNly9fGnNa7M4M4j\\_Blk5ClC6QI4jR?usp=drive link](https://drive.google.com/drive/folders/1SRBNly9fGnNa7M4M4j_Blk5ClC6QI4jR?usp=drive_link)

## 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)**

Nil

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year****3.1.2.1 - 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)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="#">Nil</a>

**3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year****3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year**

8

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.2 - Research Publications and Awards

#### 3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

94

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

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

##### 3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

5

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.3 - Extension Activities

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

In the dynamic landscape of Government College of Engineering (GCE), Salem, student clubs and organizations play a pivotal role in shaping a holistic educational experience. Among these, , NCC,

NSS, Rotary Club, Environmental Club and Green Campus, and YRC Club have demonstrated a commitment to community service, environmental sustainability, and personal development.

**National Cadet Corps (NCC 5 TN AIR SQN - TECH):**

- **Tree Plantation Events:** Symbolized commitment to sustainable living and national ideals on Independence Day and Republic Day.
- **Awareness Campaigns:** "Lifestyle of Environment" and Anti-Tobacco Day campaigns demonstrated dedication to eco-friendly practices and public health.
- **Blood Donation Drive:** showcasing a commitment to community well-being.
- **Intensive Training Camp:** Reflected the NCC unit's multifaceted contribution to personal and community development.

**National Service Scheme (NSS):**

- **Community Service and Environmental Awareness:** NSS units spearheaded campus cleaning activities, pandemic awareness, and plastic-free world campaigns.
- **Patriotic Initiatives:**
  - Celebrating Dr. A.P.J Abdul Kalam's birth anniversary.
  - Blood donation camps reflected patriotic fervour and dedication to social causes.

**Youth Red Cross (YRC) Club:**

- **Three-Day Blood Donation Camp:** Stood as a powerful testament to the club's commitment to altruism and community spirit.

File Description	Documents
Paste link for additional information	<a href="https://docs.google.com/document/d/1wozHoRc-r8vvLD_H_lnymyh204-Zgxy1/edit?usp=drive_link&amp;oid=113763622445964186255&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/1wozHoRc-r8vvLD_H_lnymyh204-Zgxy1/edit?usp=drive_link&amp;oid=113763622445964186255&amp;rtpof=true&amp;sd=true</a>
Upload any additional information	<a href="#">View File</a>

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

**3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year****3**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

**3.3.3 - 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****3.3.3.1 - 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****37**

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

**3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year****3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year****9573**

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.4 - Collaboration

#### 3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

30

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

35

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

## 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.

Government College of Engineering, Salem-11 was started in the year 1966 and is located on a 225.56 acres site surrounded by hills. The institution offers 6 UG & 6 PG programmes. Our Institution is the QIP center, recognized by AICTE for doing research leading to Ph.D. in all disciplines.

The existing buildings include each department block, I year block, two drawing halls, individual blocks for Physical Education, Administration, Library, Digital Library, Auditorium, Canteen, Health Centre, Planetarium, Seven hostel blocks, Five mess halls, Recreation halls, Research and Development block, Alumni center, Teaching learning center, Eight Video centers, Quality Assurance Centre, residential accommodation for the staff members of the college.

All the departments have well-equipped Lecture halls with ICT and Wi-Fi connectivity. The institution has a total of 45 lecture halls out of which most of them are equipped with LCD projectors to effectively carry out the teaching-learning process. The Institute has been selected as one of the 33 regional centers in India to collaborate with IIT, Mumbai, and ISTE to offer courses and training via video conferencing NPTEL Local Chapter was established in our Institution during the academic year 2018-2019 to support Students and Faculty for open online courses with certification. Grammarly@edu software is also available.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gcesalem.edu.in/">https://gcesalem.edu.in/</a>

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

The Department of Physical Education offers facilities for various games and track events. An open ground is available for the conduct of Sports and other games. There is also a well-equipped Indoor gymnasium. There are facilities for outdoor and indoor sports and games that include badminton, volleyball, carom, table tennis, and chess. Sports competitions are organized regularly for students and faculties, and Sports Day is conducted every year.

Students are specially trained for participation in Zonal and Inter-Zonal Sports meets. The College has a spacious auditorium. National Independence Day and Republic Day are celebrated in the Institute by unfurling the National Flag followed by a Guard of Honor for the Chief Guest by NCC students. An impressive march past of the NCC students is organized after the Flag hoisting by the Principal. Students present their cultural programs during the College Annual Day celebration. Also, department-wise Inauguration functions and Symposiums are conducted every year, which is an Inter college meet.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gcesalem.edu.in/">https://gcesalem.edu.in/</a>

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

9

##### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

36

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gcesalem.edu.in/">https://gcesalem.edu.in/</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

84.34746

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The Institution has a Digital Library to access e-journals, books, and NPTEL video lectures. For this purpose, a separate Library building has been constructed and 100 Computers with Internet facilities have been provided to access the e-resources. A video conferencing hall is also been established with a seating capacity of 160.

The following e-resources have been purchased/subscribed and made available to access by Staff and students at ANYWHERE, ANY TIME BASIS through "Remotexs" List of e-resources purchased/subscribed:

1. ASCE - 34 plus back files
2. ASME - 26 plus back files
3. DELNET Institutional Member
4. WILEY e-Books - 72 Titles
5. Pearson Education Books - 490 Titles
6. IET e-Books - 408 Titles
7. NPTEL Video course materials.

This facility is the first of its kind among all Government Engineering Colleges in Tamilnadu.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://gcesalem.edu.in/">https://gcesalem.edu.in/</a>
<b>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</b>	<b>C. Any 2 of the above</b>
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>
<b>4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)</b>	
<b>4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)</b>	
<b>5.975</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>
<b>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)</b>	
<b>4.2.4.1 - Number of teachers and students using library per day over last one year</b>	
<b>60</b>	

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

### 4.3 - IT Infrastructure

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

The Institutional website is maintained by Enova Solutions Pvt Ltd, Coimbatore. Designers from Enova Solutions Pvt Ltd are responsible for designing the templates suitable for home pages and department sites that meet web usability and accessibility standards ensuring that web materials comply with Institute policy, privacy and information security. The content hosted on the website is developed with guidance from the Principal and Department Heads by the website administration team ensuring the accuracy and timeliness of the information presented.

Institute website administration team: The Institute website administration team is responsible for overseeing, interpreting, and revising the current website policy. It is also responsible for adding new policies if necessary and responding to issues pertaining to website operations. The Website is managed/ maintained by Institute website administration team members. To publish any content on the Institute Website, the website content management team members get content approval from the respective Head of the Department and the Principal. The approved content is then formatted and uploaded for verification by Website administration team members in the hierarchy from below. After scrutiny of the information and format the information is published/ updated on the Institute Website.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gcesalem.edu.in/">https://gcesalem.edu.in/</a>

#### 4.3.2 - Number of Computers

584

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)

1166.19

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

The following statutory bodies monitor the functioning of the autonomous scheme

1. Board of Governors, 2. Academic Council, 3. Standing Committee of the Academic Council, 4. Board of Studies in various disciplines, 5. Board of Examiners, 6. Disciplinary Committee, 7. Finance Committee, 8. IQAC Other Committees for Buildings and

Works, Purchase, Institutional Development, Student Affairs, Library, Grievance Redressal, Anti Gender. These committees meet regularly and carry out their work meticulously.

**Library:-** Well-stocked library with many books. Digital library is available separately. Our college library is an Institutional Member of Delnet.

**Cooperative Stores:** A consumer co-operative store functions on the premises of the institution. It is open to the students and staff of the college.

**Health Centre:** A full-time Medical officer is in charge of the college dispensary taking care of the medical needs of the inmates of the campus.

**Sports:** - Regarding the maintenance of sports equipment the college sports in charge is deputed. Separate playgrounds for football, cricket, volleyball, shuttle, and kho kho exist.

**Classrooms:** The College has various committees for the maintenance of the classrooms. Many classrooms are well-equipped with LCD Projectors. The classrooms have proper lighting and ventilation facilities. Maintenance is carried out regularly.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gcesalem.edu.in/">https://gcesalem.edu.in/</a>

## 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

1666

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

### 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

62

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

**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	<a href="https://gcesalem.edu.in/medical-facilities">https://gcesalem.edu.in/medical-facilities,</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>



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

66

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

66

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

**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**

300

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**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**

13

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

**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**

5

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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.**

14

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

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 )

Government College of Engineering, Salem-11 has a unique collection of student-driven activities and committees. As a part of co-curricular and extra-curricular activities, various clubs like photographic painting, dance, music, Tamil Mandram, YRC, and Red Ribbon Club actively develop the skills of the students. The Institute has student participation in placement activities, cultural activities, and various clubs like disciplinary committee, Student affairs committee, library committee, and grievance redressal committee. At the start of every academic year, each committee has to schedule the activities with the guidance of the faculty in charge. The placement cell in the Institute has a Student Committee for Placement. They maintain the company's database, CVs of all students, and connect with the industry, and coordinate the placement process with the Placement Coordinator. Academic events like Seminars, Conferences, symposiums, Guest Sessions, and Alumni meetings have a systematic manner of involving students at various stages of the event. They participate in all the competitions and add pride to the college. These activities extensively utilize their managerial skills in designing advertisements, sponsorship, inviting other institutes, preparing their own teams, and celebrity guests from outside, and forming various committees. Entrepreneurship Cell is an initiative to trigger students to become an entrepreneur.

File Description	Documents
Paste link for additional information	<a href="https://gcesalem.edu.in/26/student-activity">https://gcesalem.edu.in/26/student-activity</a>
Upload any additional information	<a href="#">View File</a>

### 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

7

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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 Association of Government College of Engineering, Salem contributes significantly to the development of the institution through financial and non-financial means. The donations received from the alumni are deposited as corpus funds in the Alumni Association of Government College of Engineering Salem Account and the interest earned from that is used for distributing scholarships to the meritorious and financially weak students. Alumni have provided an Alumni Centre, especially to conduct campus interviews and other important meetings. The cost involved in the construction and facilities of the Alumni Centre is about rupees one crore. 1993 Batch Alumni have provided an Arch at the Central Gate of the college including connecting walls from the arch and connecting road at the arch. The cost involved in

construction is Rs.40 Lakhs which was arranged by 1993 batch Alumni (20 lakhs from 1993 batch Alumni and 20 lakhs support under Self Sufficiency Scheme of Tamilnadu Government).

The college invites senior Alumni as speakers for various programs organized by the departments. The Alumni Association actively participates and concentrates on college development. The Alumni members contribute various services to the institution like arranging visits to their industries for the students along with faculty members, providing internships for the students, providing project works to the students, providing jobs to the students through campus placements, and contributing learning resources to the department library. The Alumni also mentor the students opting for higher studies. Involvements of Alumni are also by acting as members of the Board of Studies, Academic Council, and Board of Governors.

File Description	Documents
Paste link for additional information	<a href="https://alumni.gcesalem.edu.in/">https://alumni.gcesalem.edu.in/</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

A. ? 5Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## 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

The governance of the Government College of Engineering, Salem, is owned by the vision and mission of the institution. The institute follows transparency in admission and governance as laid down by the Government from time to time. GCE, Salem encourage our students to be outstanding engineers and exhibit good conduct. Our commitment is to create well-rounded thinkers and compassionate students. To achieve this, the vision and mission of the institute were framed through the deliberation of the board of governing members, which is comprised of distinguished administrators,

academicians, industrialists, and faculty representatives. Each department in the institute has its own vision and mission that are in tune with the vision and mission statement of the institute. To achieve the vision and mission of the institute, various subcommittees involving different levels of functionaries were collectively involved. The principal will act as the chairperson for various committees and ably supported by members at different levels. Since the institute practices outcome-based education, the outcomes of the students are tracked, and corrective measures are taken in line with the vision and mission of the institute. The autonomous scheme is closely monitored by statutory bodies such as the Board of Governors and the Academic Council.

File Description	Documents
Paste link for additional information	<a href="https://gcesalem.edu.in/governance">https://gcesalem.edu.in/governance</a>
Upload any additional information	<a href="#">View File</a>

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

The Government College of Engineering, Salem, promotes decentralization in all activities, and various committees are established to monitor, plan, and execute for smooth functioning. The various committees are the Academic council, Finance committee, Building and works committee, Purchase committee, Disciplinary committee, Institutional development committee, Planning, and monitoring committee, Student affairs committee, Library committee, Grievance redressal committee, Anti-gender harassment committee, and Faculty and staff development committee. The Academic Committee is responsible for the holistic development of the college and is constituted to enhance the academic activities of the institution. The following are the responsibilities to be approved: The new regulations and changes made in the current regulations for UG/PG programmes. The modalities of end-semester examinations and the methodology of processing the results. The special committee meeting was to consider the additional subjects and subjects exempted for lateral entry and transfer students. Board of Studies, conducted to approve the curriculum and syllabus in the respective department. The COE cell prepares the academic calendar. Exercise general supervision and give direction regarding methods of instruction, evaluation, and improvements in academic standards. Take active

measures for improvement of standards of teaching, research, and training, and maintain standards of academic records. Considers the recommendations of the subcommittees and discusses the issues.

File Description	Documents
Paste link for additional information	<a href="https://gcesalem.edu.in/index.php/academic-committee">https://gcesalem.edu.in/index.php/academic-committee</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

IQAC actively focussing on the targeted benchmarks as follows:

### a. Academics:

1. Monitoring and Sustaining the implemented Outcome Based Education System for all UG and PG programmes
2. Average pass percentage of students > 90%
3. Average placement of students (on-campus) - >90%
4. Declaration of results: < 20 days
5. Number of books per students in the library > 80 to 100
6. Faculty/Student ratio < 1:18
7. Student/Computer ratio < 3:1
8. Percentage of teachers with Ph.D qualification - 100%
9. Online/ face-to-face Faculty Development Programmes (FDPs)/ Management Development Programmes (MDPs per teacher > 4 per year
10. Academic Internal audit periodicity: every semester
11. Academic External Audit periodicity: every year
12. Collaborative quality initiatives with other institutions > 2 per year

### b. Research & Innovation

1. Number of research papers publication per faculty per year > 2
2. Average Ph.D. output per Department per year > 1 per year
3. Number of research projects per Department > 2 per year
4. Number of Patents per Department > 1 per year
5. Number of functional MoUs/linkages/collaboration with institutions/industries for internship, on-the-job training, project work, student / faculty exchange and collaborative

research > 7 per year

6. By 2024, NAAC 2nd cycle - A Grade
7. By 2027, NBA - 100% UG and PG programmes
8. NIRF Ranking within top 100

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://gcesalem.edu.in/13/iqac-objectives">https://gcesalem.edu.in/13/iqac-objectives</a>
Upload any additional information	<a href="#">View File</a>

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.

The college administrative setup is as per AICTE and UGC norms. The key components of the organizational structure of the institution are the Board of Governance. Principal, Head of Departments, faculty members, non-teaching staff, and administrative staff. Since it is a Government Autonomous Institution all expenses were met from block grant funds. All transactions are made online. Purchases were carried out only by e-procurement through the state Government e-portal and the GEM portal. All account-related documents were maintained in an e-format. GPF and CPS amounts were credited to the government account by online mode. Government scholarships are provided for needy students in various categories. Scholarships from JSW, Alumni association etc. also offer scholarships to meritorious students. PG students are also offered a stipend of Rs. 6,000 per month. Service rules and procedures are as defined by the State Government of Tamil Nadu. Recruitment is done by the Teachers Recruitment Board. All promotional policies are based on the UGC 7th pay commission. All the newly recruited staff and the newly admitted students are made aware of these rules through orientation programmes. Government orders related to service rules, procedures, recruitment, and promotional policies are available on the website [www.tn.gov.in](http://www.tn.gov.in).



File Description	Documents
Paste link for additional information	<a href="https://dte.tn.gov.in/policy-note">https://dte.tn.gov.in/policy-note</a>
Link to Organogram of the Institution webpage	<a href="https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Mandatory%20Disclosure.pdf">https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Mandatory%20Disclosure.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

The Government College of Engineering in Salem has tailored its welfare measures to meet the specific needs of non-teaching staff, creating a supportive and inclusive work environment. These measures not only contribute to the well-being and satisfaction of non-teaching staff members but also enhance the institution's reputation as an employer that values and invests in all its staff.

#### Teaching & NonTeaching Staff

1. Tamilnadan state government welfare schemes such as National Health Insurance (NHIS), pension schemes, GPF, CPS, and reimbursement of Earned leave.
2. Accommodation facility (staff quarters) within the campus, Medical Facilities includes a dispensary, Co-operative store

to cater the stationery needs, Leave Travel Allowance (LTA) and Festival advance. are provided for teaching & non teaching faculties members.

3. The institution encourages faculty members to attend courses/conferences/workshops /seminars/training programmes and research-oriented programmes to develop expertise in the current research trends.
4. Provision for full paid Maternity Leave for one year, Causal Leave (CL), Earn Leave (EL), On-duty (OD), and Vacation (summer and winter).
5. General health check-up and eye screening are organized for employees periodically.
6. Loan facility at a very nominal rate of interest through cooperative society are arranged for faculty.
7. Financial support to teaching faculty members for doing research and publications.
8. Campus wide Wi-Fi facility.

File Description	Documents
Paste link for additional information	<a href="https://gcesalem.edu.in/medical-facilities">https://gcesalem.edu.in/medical-facilities</a>
Upload any additional information	<a href="#">View File</a>

### **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**

**11**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### **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**

04

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

**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**

37

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

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

**The two systems for evaluating and appraising the performance of teaching staff in government engineering colleges are**

**1. Confidential Report (CR):**

The Directorate of Technical Education of Tamilnadu requires all faculty members to submit a Confidential Report (CR) annually.

**2. Career Advancement Scheme (CAS):**

CAS is a structured program aimed at fostering the professional growth and development of faculty and staff in government engineering colleges.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/file/d/1cKFj2RfZPc5Vxr7Ia0Ta0_jiH1GQyT4V/view?usp=drive_link">https://drive.google.com/file/d/1cKFj2RfZPc5Vxr7Ia0Ta0_jiH1GQyT4V/view?usp=drive_link</a>
Upload any additional information	<a href="#">View File</a>

**6.4 - Financial Management and Resource Mobilization**

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

The financial committee has been established to allocate funds for various operations, and it is presented to the Governing council for approval. At the end of the financial year, account details are audited annually by external Auditor nominated by Directorate of Technical Education, and AG audit from office of the principal accountant General (Audit I) Tamilnadu, Chennai. Minor errors of omissions and corrections/suggestions when pointed out by the audit team are immediately corrected / rectified and necessary steps are taken to avoid recurrence of such errors in future. A compliance report is submitted for the information and consideration to the competent authority. The audited reports were made available in the college website.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/drive/folders/15oCwDohkX5sWCVKYVh-Kw7y9vATRoE-">https://drive.google.com/drive/folders/15oCwDohkX5sWCVKYVh-Kw7y9vATRoE-</a>
Upload any additional information	<a href="#">View File</a>

## 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)

2.59 lakhs

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

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

The Institute has finance committee to monitor the effective mobilization of funds and optimal utilization of resources. The BOG nominated the Finance Advisor and Chief Accounts Officer (FA & CAO) of Directorate of Technical Education, Tamilnadu as the member of the Financial Committee of the Institute. The convener of purchase committee and building and works committee collects the proposals for procurement, maintenance and infrastructure requirements from all departments and submit it in the committee meetings for approval. The Institution also mobilizes its resources through:

1. Block grant

2. Student's fees

3. Consultancy works

4. Sponsored research labs

5. Research grants received from government agencies

6. Fund/Grant received from non-government bodies/ philanthropers/Individuals

7. Genuineness check of mark sheet and certificate using direct verify system.

The funds received from the state government are used to pay the salaries of teaching, non-teaching, and administrative staff. The Institution's budget is prepared with the institution's developmental activities in mind; accordingly, provisions are made in the Budget, which is ultimately approved by the State government; and then funds are sanctioned, which are deployed on various Heads of Expenditure in accordance with the approval of various statutory committees constituted by the Institution from time to time for efficient use of funds/grants received from the government. When it comes to the usage of funds, the Institution is completely transparent.

File Description	Documents
Paste link for additional information	<a href="https://docs.google.com/document/d/1EXZSIemjClpyOgX86ruTZDpQlk31-jkY/edit?usp=drive_link&amp;oid=110236730850696657135&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/1EXZSIemjClpyOgX86ruTZDpQlk31-jkY/edit?usp=drive_link&amp;oid=110236730850696657135&amp;rtpof=true&amp;sd=true</a>
Upload any additional information	<a href="#">View File</a>

## 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 makes a major and meaningful contribution to the institution's post-accreditation phase. Throughout the year, the institution conducts a variety of academic and administrative activities. The planning, execution, and evaluation of each of these tasks are crucially influenced by the IQAC.

1. The IQAC cell prepares the Annual Quality Assurance Report (AQAR)

The team of faculty members is constituted for the preparation of the AQAR report. In each department, coordinators are appointed, and they collect the data of their department to be submitted for AQAR.

2. Stakeholder's feedback policy

The GCE prioritizes the delivery of high quality education by actively engaging with various stakeholders that include students, faculty members, parents, alumni and employers.

### 3. Action Taken report

IQAC internal audits were carried out twice in an academic year. Based on the observation from the audit team, necessary corrections and improvements were carried out. Hence there was a qualitative improvement in teaching-learning.

#### 4. Supervising the Teaching-Learning Process:

The IQAC gives suggestions for making the teaching-learning process more participative by adopting various methods.

5. NBA criteria were met as a result of IQAC measures.

6. Ensure internalization of the quality culture.

7.. Fast-track courses were offered, enabling students to take up industrial projects and internships for six months.

8. As a part of best practices in IQAC, the Clean and Green campus was maintained and solid waste composting and WiFi 24x7 were provided.

File Description	Documents
Paste link for additional information	<a href="https://gcesalem.edu.in/13/quality-indicators">https://gcesalem.edu.in/13/quality-indicators</a>
Upload any additional information	<a href="#">View File</a>

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

#### ICT for effective Teaching & Learning

E - Learning resources that are available are,

1. Language Lab
2. NPTEL, Swayam
3. EDUSAT and QEEE programs
4. e-contents, e -books
5. Virtual Internship
6. e-Journals and Educational CDs

ICT tools and resources that are available are,

1. LCD Projectors
2. Interactive Audio Visual tool
3. Smart class rooms
4. Campus wide Wi-Fi
5. OPAC (Online Public Access Catalog) system of Library

Industry based training for students

Industry experts are nominated for the Board of Studies, and a majority of the courses are introduced. 50% of the syllabus content has been revised during the last 5 years. Value-added courses are offered with the help of industrial experts on advanced topics / skill enhancement techniques. The R2022 curriculum includes FAB LAB courses that include intensive industrial training (2 credits) and internships (1credit) as mandatory courses. PROTSEM courses are introduced for the students of all the departments and organised by FORGE, Coimbatore. Field visits and site visits have been arranged in a few programmes as a part of the curriculum. Guest lectures, seminars, workshops, and technical symposiums are conducted with the help of industry experts.

Academic Audit:

The college's internal quality assurance cell (IQAC) was from the year 2018. Since then, numerous strategies have been used to focus on quality improvement. For this, the institution uses an IQAC set up according to standards to examine its teaching-learning process, structures & methodology of operations, and learning outcomes at regular intervals, and records the incremental improvement in various activities.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/file/d/1FI4-15ADij4G75JVCezMWj3bENq8JtM1/view?usp=sharing">https://drive.google.com/file/d/1FI4-15ADij4G75JVCezMWj3bENq8JtM1/view?usp=sharing</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for**

**A. All of the above**



**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	<a href="https://drive.google.com/file/d/1l5PvS2d_g7TQLa-b8XIAWuKggc5RMIhc/view?usp=sharing">https://drive.google.com/file/d/1l5PvS2d_g7TQLa-b8XIAWuKggc5RMIhc/view?usp=sharing</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

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

- The institute promotes gender equity in admissions, academic activities recruitment, and an administrative functionality. It promotes women leaders, the female faculties are appointed as heads of different departments, cells and clubs. The institute has female faculty appointed as warden, residential tutor, deputy wardens, faculty advisors, and mentors at the point of contact to address all the issues of girl students.
- .Grievances Readdressal committee constituted in the institution registers complaints and takes action to ensure safety and security in the campus for students and faculty.
- Anti-Gender Harassment Committee:Anti Gender Harassment Committee/Prevention and Prohibition of Sexual Harassment of women employees and students was constituted and functioning in the campus. This committee addresses gender related issues and registers complaints with respect to gender harassment at work and suggests the punishments.
- The women development cell interacts with students regarding gender problems and personal distress, so as to develop the sensitization of students. Every year on March 8, International Women's day is celebrated. Students and Non-

teaching staff of Government College of Engineering, Salem have participated in the programme.

- Girl students are encouraged to apply for Central Government Scholarship Pragati, participate in curricular, co-curricular as well as extracurricular activities like NSS and NCC activities.
- Girl students are appointed as mandatory student representatives in disciplinary committee, Institutional Development committee, Planning & Monitoring committee, Students Affairs committee, library committee, class representative and class committee meetings.

File Description	Documents
Annual gender sensitization action plan	<a href="https://docs.google.com/document/d/1vmiP_Y8vQ1vq5Sf0s6ysGJIe777x0KUv/edit">https://docs.google.com/document/d/1vmiP_Y8vQ1vq5Sf0s6ysGJIe777x0KUv/edit</a>
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	<a href="https://docs.google.com/document/d/1vmiP_Y8vQ1vq5Sf0s6ysGJIe777x0KUv/edit">https://docs.google.com/document/d/1vmiP_Y8vQ1vq5Sf0s6ysGJIe777x0KUv/edit</a>

**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**

**B. Any 3 of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

**E-waste management :** The institute follows the best practices to clear the e- waste. Segregation of electronic waste such as unused computers and its accessories are done and it is stored in a separate designated room at all departments.

**Solid waste management :** Composting pits are available in many places of the campus in order to avoid air pollution by open burning and the same used as manure for trees with in the campus. The institute has a practice of collecting solid waste in large dust bins at various locations and periodically removed by local panchayats. The plastics are collected and managed separately. To avoid the use of plastics, the banners and sign boards are placed in the campus.

**Liquid waste management :**Waste Water from the campus buildings are collected in a pond. Two numbers of Oxidation ponds are available for treating waste water. Treated water is used for watering the plantations

**Green landscaping with trees and plants:** The college campus is located on a 162 hectares site surrounded by greenish natural environment. The 'Environmental and Green Campus' club of the institution took steps like collecting degradable leaf waste and use them as manure for the trees all around the campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="https://docs.google.com/document/d/1LmXELP_yi2k7H5VkcxEew46xuqZ3HUdPU/edit">https://docs.google.com/document/d/1LmXELP_yi2k7H5VkcxEew46xuqZ3HUdPU/edit</a>
Any other relevant information	<a href="#">View File</a>

**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**

**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

<p><b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b></p> <ol style="list-style-type: none"> <li><b>1.Restricted entry of automobiles</b></li> <li><b>2.Use of Bicycles/ Battery powered vehicles</b></li> <li><b>3.Pedestrian Friendly pathways</b></li> <li><b>4.Ban on use of Plastic</b></li> <li><b>5.landscaping with trees and plants</b></li> </ol>											
<table border="1"> <thead> <tr> <th data-bbox="76 566 539 633">File Description</th> <th data-bbox="539 566 1445 633">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="76 633 539 734">Geo tagged photos / videos of the facilities</td> <td data-bbox="539 633 1445 734" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="76 734 539 801">Any other relevant documents</td> <td data-bbox="539 734 1445 801" style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>	File Description	Documents	Geo tagged photos / videos of the facilities	<a href="#">View File</a>	Any other relevant documents	<a href="#">View File</a>					
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Any other relevant documents	<a href="#">View File</a>										
<p><b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b></p>											
<p><b>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</b></p>											
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<p><b>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</b></p>	<p><b>A. Any 4 or all of the above</b></p>										

**5. Provision for enquiry and information :  
Human assistance, reader, scribe, soft copies  
of reading material, screen reading**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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).

- **Initiatives towards Cultural diversity:** Our institution encourages the students to organize and participate in national level technical symposia, state level cultural events and sports activities. Also includes clubs/cells and extra-curricular activities like sports, cultural events and yoga. Vidiyal Programme on 26h April 2023 was organised by Tamil Literary Forum, GCE, Salem-11. English literary club activity was organized.
- **Initiatives towards Regional diversity:** Apart from various districts of Tamil Nadu, the institute has got 26 students from the North east states, kashmir and Andaman- Nicobar islands of India. Those students are provided with equal chances to participate in the co-curricular activities. During such participation, the students from different parts of Tamil Nadu and the country share their region-specific attributes by mingling with the others. Students from various districts of tamilnadu are admitted and the institution conducted Induction programme for first year students in the first week of their college life.
- **Initiatives towards Communal diversity:** Students and faculty of all the communities and religions (FC, BC, BCM, MBC & SC/ST) are a part of this place of learning to develop a conducive environment. Initiatives towards Socio-economic diversity. For the students belonging to rural area and poor family, the institute has facilitated the students to receive the following scholarships and awards from state and

central governments.

- **Initiatives towards Socio-economic diversity:**For the students belonging to rural area and poor family, the institute has facilitated the students to receive the BC/MBC scholarships, SC/ST/SCC scholarship and awards from state and central governments.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

- **Duties and responsibilities of citizens :**

Every year pledges are taken by all the faculties and students in the campus in order to emphasize the values and rights. Some are Anti-Untouchability -30th January 2023, Anti Terrorism Day - 21st May 2023, Anti-Labour Day - 9th February 2023, National Integration - 19th November 2022,Reconciliation Day - 20th August 2022,National Voters Day -25th January 2023 ,Equality Day - 13th April 2023.

- **National youth parliament scheme**
  - To promote the Youth Parliament programme developed by the Ministry of Parliamentary Affairs, awareness programme was conducted to facilitate e-training and self-learning of the participants.
  - **Human Values:**
  - The values are inculcated through courses in the curriculum, namely Value Education, Yoga & Values for Holistic Development, Universal Human Values: Understanding Harmony and Professional Ethics & Human values. As part of the curriculum a non-credit course like Induction Program, Personality and Character Development Programmes, Indian Constitution, Essence of Indian Knowledge Tradition are offered for all engineering students.
  - Government College of Engineering (Autonomous) , Salem-11 celebrated International Yoga Day on 21.06.2023. Seminar and Demonstration on yoga was arranged to create awareness among

the students.

- Through NSS, NCC, Rotaract club, Self-Development Cell (SDC), Youth Red Cross, Energy-Environment club and Consumer Citizen club, various programs are organized to make the students realize their rights, duties and responsibilities.
- Blood donation camps under NSS have provided platform to understand the their responsibilities.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

C. Any 2 of the above

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Our Institution celebrates National and International days enthusiastically every year. All staff members and students gather

in the college to celebrate these days. Every culture has number of festivals and celebration has become a vital activity. Celebration of cultural and constitutional festivals is integral part of college's co-curricular activities. Throughout session different days are celebrated by students with guidance of teachers which help them to know about different cultures and to cognitively imagine India as a nation.

1. International Yoga Day on 21.06.2023.
2. Anti-Drug Awareness Program on 17.08.2022
3. Bureau of Indian Standards - celebrating World Standards Day on 14.10.2022
4. Government college of Engineering, salem observed the National Unity Day on 31st October 2022 to commemorate the birth anniversary of Sardar Vallabh Bhai Patel
5. On the eve of birthday Anniversary of the former Chief Minister Dr.K.Karunanidhi a "Mass Cleaning Campaign" event is celebrated today (03/06/2022) at Government College of Engineering, Salem
6. Independence day celebrations on 13.8.2022 TO 15.08.2022
- 7.International Women's Day 2021 celebrations on 08-03-2022
- 8.Youth Awakening day 15.10.2022
- 9.BLOOD DONATION CAMP 30.8.2022 By NCC TEAM
- 10.NUTRITION AWARENESS PROGRAMME 19.09.2023By NCC TEAM
- 11.Swatch Bharat Abhiyan - Cleaning Activity 8.10.2023 NCC TEAm
- 12.NATIONAL POLLUTION CONTROL DAY 2.12.2022 byNCC TEAm
- 13.Smart India



File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 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 -Clean and green campus

The objective of the practice is to maintain a clean and green campus.

The college campus is located on a 162 hectares site surrounded by greenish natural environment. The 'Environmental and Green Campus' club of the institution took steps like providing steel tumblers and plates to all the departments there by ensuring the one time plastics are not used in the campus.

Impact of the practice Well-organized usage of college atmosphere with good and clean environment by the students and the staffs. Practice on plantation of tree plant saplings during some important events like independence day.

### BEST PRACTICE - II -Outcome Based Education - Industry oriented Curriculum Design and Teaching - Learning Process. - 2022 Regulation.

The objective of the practice is to design Industry oriented curriculum and flexibility to meet out the requirements and incorporate the recent technologies in the syllabus. To promote courses as per the industry requirement and accommodate in Engineering Sciences courses, Program Core courses, Program Electives courses, Open Electives courses, EEC-Employment Enhancement courses and Mandatory courses.

To promote direct industry linkages like Innovate TN lab, Naan mudhalvan, AR/VR and with the departments and enhance In-plant training, Industry visits, field/site visits, Industry projects

and Internship opportunities to the students and also to train the faculty in the recent advancements.

**THE PRACTICE:** Induction Programmes, Industrial visits and In-plant training, Internship Programmes, Foreign Technical Training, Participation in Seminar / Workshop / FDP/MOOCs, NPTEL, Swayam

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 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

- High demand industry curriculum has consciously integrated FAB LAB - PROTSEM Courses Courses organized along with by FORGE, Coimbatore that includes intensive industrial training (2 credits) and internships (12 credits) as mandatory courses in R2022 and curriculum. for the students of all the departments and organized along with by FORGE, Coimbatore to maximize the students learning ability.
- The National Cadet Corps - Air Wing of our Institution is exemplary and it is a responsive, learning and continuously evolving organization that is guided by certain values Virtual Internship programmes were made with industry process video modules by the faculty members and uploaded in the AICTE website for online access of the students during COVID lockdown period.
- The Augmented Reality and Virtual Reality Laboratory was established in the Research and Development block at Government College of Engineering, Salem during May 2022
- Naan Mudhalvan Skill Development Courses offered by the Government of Tamil Nadu is a platform for industry specific skill development.
- The institution has recognized for testing and consultancy in the department of Civil engineering at state level.
- Digital Library with Remote Xs server has enabled in the institutions (academic or research) in optimizing usage of the precious e-resources and nurturing research interests of faculty and their students.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

To Enhance the academic excellence and the Infrastructure facilities to improve the technical skills of the students.

To increase industry institution collaborative activities. Improvement of placement performance to ensure 100 percent placement in reputed companies.

To Enhance Alumni institute relationship

Non accredited Programs to apply for NBA accreditation.

To Organize more number of entrepreneurship development programmes to third year students.

To organize Hackathon through IIC for students and promote student innovation and entrepreneurship. Motivating the Faculties with PhD and doing PhD to publish more number of papers in High Indexed Journal each year.

To increase the number of citations per faculty of the college.

To increase the number of industry consultancy projects.

To encourage faculty to submit project proposals to various funding agencies.