



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution		GOVERNMENT COLLEGE OF ENGINEERING, SALEM
• Name of the Head of the institution		Dr .R.MALAYALAMURTHI
• Designation		Principal
• Does the institution function from its own campus?		Yes
• Phone No. of the Principal		04272346157
• Alternate phone No.		04272346102
• Mobile No. (Principal)		9443441416
• Registered e-mail ID (Principal)		principal@gcesalem.edu.in
• Address		NH 7, BANGALORE HIGHWAY, SALEM-636011
• City/Town		Salem
• State/UT		Tamil Nadu
• Pin Code		636011
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)		28/11/2018
• Type of Institution		Co-education
• Location		Rural

• Financial Status	Grants-in aid				
• Name of the IQAC Co-ordinator/Director	Dr. A.RUBY MEENA				
• Phone No.	04272346102				
• Mobile No:	9486872678				
• IQAC e-mail ID	iqac@gcesalem.edu.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://gcesalem.edu.in/sites/gcesalem.edu.in/files/AQAR%20REPORT%202020-2021.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Downloads/GCE%2C%20Salem%20Academic%20Schedule%20-%202021-2022%20Even%20Semester_0.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.58	2018	02/11/2018	01/11/2023
6.Date of Establishment of IQAC			06/08/2018		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
Institution	TEQIP	WorldBank	01/09/2017	70000000	
ECE	MODROB	AICTE	04/04/2019	1306000	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI			View File		

9.No. of IQAC meetings held during the year	1	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>• Faculty members and students are motivated to attend the training programmes, workshops, conferences, etc., in parent institute and State Government and Central Government funded institutes. Also, faculty members are encouraged to organize various academic, and research-oriented programmes for the benefit of UG, PG students, and research scholars. • Undergraduate students have undergone internships in Government, and private companies. • Undergraduate and postgraduate students participated in technical symposiums, seminars, workshops, and conferences to exhibit their technical deliberations in various State Government, and Central Government funded institutions. • The Government of Tamil Nadu provides financial support for GATE examination preparation, internship, employability skill training, career counselling, etc., The students are highly motivated to utilise the funds for their higher studies and employability. • Students are motivated to participate in the skill development programme, and online courses under NPTEL, and other Indian and Foreign universities.</p>		
12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:		
Plan of Action	Achievements/Outcomes	
Initiation should betaken steps to get Accreditation for all departments	B.E Civil Engineering, Electronics and Communication Engineering, MechanicalEngineering Departments and M.E	

	PowerElectronics and Drives and got accreditation for the period 2021-2024.
Each department should organize Conference /Symposiums/workshops /FDP in every academic year	All the departments have organized Faculty Development Training programs/Workshops etc.,
Faculty members are motivated to register for online course for quality improvement and Career advancement	Faculty members have obtained certificates by participation in the online SWAYAM, NPTEL, ATAL and NITTT courses.
Participation in the programmes organised by other Institutions	Many faculty members attended FDP, Workshops, Training Programs, Industrial training etc in reputed organizations.
Faculties should be motivated to publish the research articles in high impact factor journals	Papers have been published in peer-reviewed national and international journals in the academic year 2021-2022.
Employability Skill Test programmes to students have been conducted for all the branches	The placement percentage is increased in 2021-2022through the Employability Skill Test and Training.
E-resource content in Library should be enhanced.	GCE have subscriptions to e-resources and subscription to SCOPUS under AICTE e-ShodhSindhu Scheme.
Faculty members should be motivated to participate in faculty development programs.	Many of faculty members have participated in training programs in reputed institutions.
To conduct Academic audit	Academic audit was completed and improvements in the department has made according to the feedback given in the audit report.
13.Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name of the statutory body	Date of meeting(s)
BOG	24/09/2019

14. Was the institutional data submitted to AISHE ?

Yes

- Year

Year	Date of Submission
2021-2022	05/01/2023

15. Multidisciplinary / interdisciplinary

Government College of Engineering, Salem's mission and vision is to provide a comprehensive range of programs at a global standard in Engineering, and Technology, and to foster research and develop global competence. Basic Science & Humanities, Professional core and electives, open electives, employability enhancement courses, and mandatory courses are emphasized in the CBCS curriculum. All B.E. programs have Humanities and Basic Science courses that makeup around 20% of the total curriculum. Students at CBCS can choose their courses and credits to prepare themselves for their future career based on their preferences. 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.

16. Academic bank of credits (ABC):

There have been initial efforts to implement an Academic Bank of Credit (ABC) in order to digitally store the academic credits earned by the students, and the process to do so has been initiated and is being considered.

17. Skill development:

Proposal submitted for the establishment of hi-end skill training center and it was approved at 21 st Board of governors meeting which was held at 19.01.2021.

Employability skill training programs were conducted to improve the students employability skills.

The curriculum itself student Internship training program in industry is made mandatory for all the students and the state government grants funds for those students who are participating in the internship training program. This will enhance the students employability skills.

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

In order to motivate students, it is important for them to work on projects that benefit societal welfare in some way. As part of the B.E Regulation 2022, environmental science and engineering has been made mandatory course in the CBCS curriculum in order to raise awareness of environmental issues among kids and youngsters. Several clubs, such as Tamil literature club, dance and singing clubs, and other activities are organized in our campus to promote the Indian and Tamil cultures.

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

Program Educational Objectives (PEOs), Program Outcomes (POs), and Course Outcomes (COs) are conceptualized in a holistic manner and are assessed and achieved. The following systematic steps are assessed to achieve the OBE in our institute:

- 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 can be enhanced by the attainment of PEOs and POs. Furthermore, the attainment will help the institute review its PO, PEO, and Vision and Mission in the future.

20.Distance education/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).

To be able to provide the best possible learning environment for the students, the department and the institution will provide high-quality assistance to students in regard to their academic and career development. The department and the institution arrange sessions on a variety of issues such as career opportunities, GATE awareness and education abroad. It is important to be aware that students have access to both class counselors and instructor advisors; they provide guidance and support for the successful emergence of each student into a successful career.

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. The NSS and NCC activities are going to be included in the upcoming regulations in order to encourage students to consider joining the NSS and NCC wings if they have any interest in doing so.

Extended Profile

1.Programme

1.1

2

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student2.1 **1959**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 **526**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **1959**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic3.1 **12**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 **113**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1	2
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	1959
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File

2.2	526
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	1959
Number of students who appeared for the examinations conducted by the institution during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	12
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	113
-----	-----

Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	127
Number of sanctioned posts for the year:	
4.Institution	
4.1	28
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	56
Total number of Classrooms and Seminar halls	
4.3	569
Total number of computers on campus for academic purposes	
4.4	268.17
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Our curricula have been designed to adhere to the guidelines set by AICTE, the affiliated Anna university and be in line with the vision and mission of the institution. The curriculum has been designed with an eye towards future technological advancements. It includes mathematics, basic and engineering sciences, humanities, professional core, open electives, and employability enhancement courses. The curriculum also includes laboratory work, mini and major project work and innovates. The core courses lay the foundation for students to be able to succeed in their program and

provide them with the skills they need to be successful. Professional core courses provide students with important foundational concepts while advanced concepts are explored in professional/open elective courses. Students can opt for online courses such as SWAYAM, NPTEL, etc., to promote their own learning. These courses offer the opportunity to learn at one's own pace and in a self-directed manner. Feedback of curriculum from a variety of sources - students, faculty, alumnae, employers, parents, and industry experts - to identify areas may be falling short and take necessary measures to address those areas in future iterations of the curriculum.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://gcesalem.edu.in/regulations-2018

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

6

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

86

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

0

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

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

1.3 - Curriculum Enrichment

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

The Institution offers a variety of courses in the curriculum that

help students develop holistically, including Environmental Science, Professional Ethics and Human Values, Industrial Safety Management, Disaster Management, Environment and Pollution Control, Waste to Energy, Industrial Safety, Constitution of India, Value Engineering. These courses help students understand the cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics.

Gender issues

Anti Gender Harassment Committee/Prevention and Prohibition of Sexual Harassment of women employees and students was constituted and functioning in the campus. The anti-gender harassment committee's work encompasses more than just gender harassment; it also provides students a way to interface with real life situations.

Human Values and Professional Ethics

A course on Professional Ethics and Human Values is offered to students during the programme of study. Social development activities such as blood donation camps, health check-up camps, hygiene and health workshops, environment awareness camps and workshops on social issues, public health and gender issues are organized periodically. All the activities are monitored by faculty in-charge at campus. College provides students with opportunities to get involved in social activities through programmes like NSS/NCC. These programmes aim to instill values, ethics and qualities that make students socially responsible citizens.

Environment and sustainability

A course on Environmental Sciences and Engineering is part of every UG program. To make students more aware of environmental and sustainability issues, we organize activities like seminars, workshops, guest lectures, industry visits, and field trips for students in all programs.

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

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

0

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

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

0

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

612

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

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is

B. Any 3 of the above

obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	https://gcesalem.edu.in/13/survey
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

C. Feedback collected and analysed

File Description	Documents
Provide URL for stakeholders' feedback report	https://gcesalem.edu.in/13/survey
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

471

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

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

455

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Here we 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.

Strategies for slow learners :

Remedial Classes are conducted to improve the academic performance of the slow learners, and to help them to catch up with their peers.

Strategies for advanced learners:

1. Skill Development Programme like Communicative English, Aptitude are conducted.
2. Trained for placement, GATE and other competitive exams.
3. Assignment and Student Seminars on contemporary topics to enable them for placement.
4. The academic achievements of the students are extremely motivated by honoring them with Medals on Award day ceremony and Graduation Day.
5. Appointed as member in board of studies and office bearers of student council, department association and various professional bodies to develop their communication, leadership & team building skills.
6. They are encouraged to participate in:
 - (i) MOOC Courses under Swayam platform.
 - (ii) Various Seminars/ Conferences/ Workshops/ Inter-Collegiate

Competitions.

(iii) National /International level hackathons and competitions.

(iv) Debate, Group Discussion, Problem Solving - Decision Making Exercises and Quiz Programmes.

(v) Extra-curricular activities, exhibitions and cultural competitions.

(vi) Innovative projects and other technical initiatives of the Institute.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
04/08/2021	1959	113

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

GCE provides platform to grow, develop skills and nurture values that shape student minds. Student oriented innovative programs to creativity, enhance problem solving capabilities and ensure participative learning are conducted. Following student centric methods are adopted:

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 from MOOCs, NPTEL, MNCs like Microsoft/ Google/ NSE etc., enhance subject knowledge
5. Participation in Simulated stock exchanges and hackathons help students work on real life scenarios

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 Society 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: Student Mini Project development, Solution to Environmental Problems, Quizzes, Case studies, Debates, in inter-intra college help students acquire problem solving qualities.

File Description	Documents
Upload any additional information	View File
Link for additional Information	NIL

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

The teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

The following tools are used by the Institute, ICT Tools:

E-resources and techniques used INDEST consortium

1. E-journals - ASME
2. Online catalogs
3. Indexes & full text databases
4. E-books
5. Online tutorials & Library guides
6. Electronic reserve & PDF formatted

- Online websites
- Coursera
- Openlearn
- Edx
- NPTEL
- National Academy of Engineering
- Engineer & free
- Swayam prabha channel
- Infosys campus connect
- TCS-campus commune
- ICT academy-skilledge
- Use of ICT by Faculty

1. Power Point Presentations- Faculties use power-point presentations for teaching using LCD's and projectors. Access to online search engines and websites is provided through digital library.

2. Industry Connect- Guest lectures, expert talks and various

technical competitions are organized for students in the well equipped seminar and conference halls.

3. Online quiz- Online quizzes are conducted for students after the completion of each unit through GOOGLE FORMS

4. Video Conferencing- Student Counselling is offered via Google meet applications.

5. Video lecture- Recorded Video Lectures are made available for long term learning and future referencing.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.youtube.com/watch?v=93u9misvIDc
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

98

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

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

An Academic committee is formed constituting the Principal, Vice Principal, HODs, Industrial experts and university nominees to formulate academic regulations, curriculum, and academic schedule.

1. Academic calendar:

The Academic Committee collects the plan of action and puts forth a well-planned Academic calendar which is displayed in the notice

boards and website for student access.

2. Teaching Plan:

A unit-wise teaching plan of the course content, spread over the allotted lecture hours, is prepared to ensure a uniform pace of teaching by the respective faculty before commencement of semester course work.

An Outcome Based Education prescribed by NBA includes following:

1. Course prerequisites
2. Course objectives, Course outcomes and mapping with Programme Outcomes
3. Learning resources and delivery methodologies like LCD project.
4. Assessment methods
5. Unit wise lecture plan
6. Assignment, tutorial and model questions
7. Link to video lectures
8. Additional information

Internal Audit Committee will audit the Academic plans of each faculty and the audit reports are submitted to the Principal, for follow up action.

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

2.4 - Teacher Profile and Quality

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

113

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

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

49

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

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

1172

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

13

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Choice Based Credit System

The regulations and curriculum has the following provisions Internship, Project/Mini Project, Field visit, Language Laboratory, In plant Training, Self-study courses, Break of

study permitted, Open Electives, Additional Activity Points, Value added courses, SWAYAM/MOOC courses, Audit and mandatory courses as per the AICTE model curriculum

The quality of the question paper is ensured through two level Question paper setting and scrutiny process.

Transparency in examination evaluation system Students are permitted to receive the photocopy of the valued Answer Scripts at nominal fees Students can apply for revaluation. The results will be intimated to the student concerned through the Head of the Department within 7 working days from the last date of application of revaluation.

Challenging the revaluation is permitted. In such a case, Join

Revaluation is carried out by two subject experts and the results are declared within 2 days.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://portal.gcesalem.edu.in/

2.6 - Student Performance and Learning Outcomes

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

Course Outcomes are framed for all courses in the program during the commencement of the semester based on Blooms' Taxonomy which includes various levels like:

- Remember
- Understand
- Apply
- Analyze
- Evaluate
- Create

HOD along with subject faculties and domain experts discuss and frame the Course Outcomes. Mechanism of Communication of all Learning Outcomes (PO, PSO, CO) among faculty, staff, and students

•Students are educated with the outcomes of each course before the commencement of the subject.

•POs and PSOs are displayed at prominent places like HOD Room, Seminar Hall, Class room, Laboratories, Faculty Rooms.

•POs, PSOs, COs are included in Lesson Plans, Laboratory Manuals, Course files, Course End Survey, Alumni Survey etc

•It is displayed in Institution Website

•These points are discussed in Alumni meet and taken the feedback from alumni to ensure whether the outcomes are met.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://gcesalem.edu.in/18/department-electrical-and-electronics-engineering-po

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

- Course Outcomes identify the unique knowledge and skills expected to be gained from a given course.
- Programme Outcomes are one step broader statements that describe what students are expected to know and be able to do upon the completion of a specific program.
- Programme Specific Outcomes are what the students of a specific programme should be able to do at the time of studying in the programme.
- Programme Outcomes and Programme Specific Outcomes are attained through the attainment of Course Outcomes.
- Measurement of attainment of POs, PSOs and COs is done through formative and summative methods. Analysis of students' performance in internal tests is continuous assessment. Maximum 300 marks are allotted on three internal examination and 30 marks on three assignments and 30 marks for Quizzes / Objective type Test/Tutorial. Analysis of terminal exam results is also done.
- After the analysis, strategy for improvement is made and implemented. All the assessments are analyzed regularly. The analysis of students' performance in semester examination is done to know the levels of attainment of POs, PSOs and COs. Each department analyses the result of the students for each subject.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

523

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Annual%20report%202021-2022.pdf

2.7 - Student Satisfaction Survey

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

<https://gcesalem.edu.in/13/survey#>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The research policy of Government College of Engineering, Salem planned to produce and maintain a research culture among its teachers and students. . Alos our commitment lies in producing comprehensive knowledge seekers and humane individuals, capable of building a strong and developed nation of all its learners leading to the realization of the institute's vision and mission.

Faculty members are always encouraged to get engaged in research paper publications in peer reviewed journal and also get participated in industrial consultancy projects. Academic committee and staff development committee was established to promote the research activities in the institution and the research activities are always updated in the Institution website.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://gcesalem.edu.in/index.php/node/386
Any additional information	View File

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

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

NIL

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

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

2

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

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

NIL

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

3.2.2 - Number of teachers having research projects during the year

0

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

3.2.3 - Number of teachers recognised as research guides

28

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

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

0

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	NIL
Any additional information	View File

3.3 - Innovation Ecosystem

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

R&D cell motivates the faculty members to submission of research proposals to various funding agencies like DRDO, DST, AICTE, DBT, etc. The institute has an excellent ecosystem for innovations including incubation centre for creation and transfer of knowledge. The college offers undergraduate, postgraduate and doctoral programs, creating an ecosystem that enriches young minds through various supported learning opportunities. As a result of this ecosystem, students co-work with faculty designing and developing systems. There are several ongoing funded research programs in which members work continuously. This provides an opportunity for students to work on live projects also results in the creation of research publications, patents, and products.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gcesalem.edu.in/node/511

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

2

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

3.4 - Research Publications and Awards

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

C. Any 2 of the above

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

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

4

File Description	Documents
URL to the research page on HEI website	https://gcesalem.edu.in/node/386
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

89

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

20

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

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

40

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-

Index of the University

3.4.6.1 - h-index of Scopus during the year

1281

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

3.5 - Consultancy

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

113.163

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

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

NIL

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

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The college organizes a number of extension activities to promote institute neighborhood community sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively National Service Scheme. Through NSS, the college undertakes various extension activities in the neighbourhood community activities were carried out by NSS volunteers addressing social issues which include cleanliness plantation ,water conservation Shramdan, Social interaction, Group discussion Eradication of superstition Environmental awareness, Women empowerment, Blood donation camp, Health check up camp,

Various departments of the college is conscious about its responsibilities for shaping students responsible citizens of the country by making students aware of social issues through various programmes like Environmental Awareness, Personal Health and Hygiene, Diet awareness, Road Safety, Tree Plantations, Soil and Water Testing, Plastic eradication, No vehicle day, Jananisuraksha, organizing visit to Orphanages and Anganwadi, Voters awareness, Blood donation camps, etc. All these mentioned activities positive impact on the students and it developed student community relationship, leadership skill and self confidence of students. It also helped in cultivating hidden personality of students and creates awareness among students.

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

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

2

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

3

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

450

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

333

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

10

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Government College of Engineering, Salem-11 was started during 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 centre, 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 centre, 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 totally 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 centres in India to collaborate with IIT, Mumbai and ISTE to offer courses and training via video conferencing NPTEL Local Chapter has been 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	View File
Paste link for additional information	NA

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

The department of Physical Education offers facilities for various games and track events. An open-ground is available for 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, volley ball, 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 programmes 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
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://gcesalem.edu.in/sports

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

36

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

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

190.34

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

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	View File
Paste link for additional information	https://gcesalem.edu.in/25/digital-library

4.2.2 - Institution has access to the following: **A. Any 4 or more of the above**
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

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

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

3.197

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

60

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

4.3 - IT Infrastructure

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

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 page and department sites that meets web usability and accessibility standards ensuring that web materials comply with Institute policy, privacy and information security. The content hosted on the website are developed with the 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 current website policy. It is also responsible for adding new policies if necessary and to respond to issues pertaining to website operations. The Website is managed/ maintained by Institute website administration team members. To publish any content in the Institute Website, the website content management team members get content the 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 hierarchy from below. After scrutiny of the information and format the information is published/ updated in the Institute Website.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1956	560

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development:

D. Any one of the above

Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NA
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

192.0571

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

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 in 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	View File
Paste link for additional information	https://gcesalem.edu.in/index.php/academic-committee

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1653

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

99

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

C. Any 2 of the above

File Description	Documents
Link to Institutional website	NIL
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

150

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

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

C. Any 2 of the above

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

5.2 - Student Progression

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

214

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

5.2.2 - Number of outgoing students progressing to higher education

32

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

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

10

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

5.3 - Student Participation and Activities

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

2

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

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Government College of Engineering, Salem-11 has a unique collection of student-driven activities and committees.

- In Academic activities like Board of Studies (BOS) and class committee meetings, the student members are involved and the activities are planned, implemented, and executed based on their feedback.
- The students are actively involved in designing the posters, advertisements, getting sponsorship, and inviting other institutions for the execution of academic events like Seminars, Conferences, symposiums, Guest Sessions, workshops, and Alumni meetings in a systematic manner.
- In various committees like disciplinary, Anti Ragging, Students affairs committee, grievance redressal committee, and clubs like photographic painting, dance, music, Tamil Mandram, YRC, and Red Ribbon club, students take their role and play well to showcase their managerial skills.
- As a part of academic activities, a student placement committee was created and coordinated with industry and placement faculty coordinators to maintain their database and CVs of all registered students.
- Students have taken various responsibilities such as General Secretary, mess representative, and block representative in both girls' and boys' hostels.
- Entrepreneurship Cell is an initiative to trigger students to become an entrepreneur. Entrepreneurship awareness programs were conducted to motivate their skills towards entrepreneurship.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gcesalem.edu.in/index.php/students-affairs-committee

5.3.3 - Number of sports and cultural events / competitions organised by the institution

2

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

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. Donations are exempted under Section 80G of the Income Tax Act. Alumni have provided Alumni Centre, especially for the purpose of conducting campus interviews and other important meetings. The cost involved in the construction and facilities of the Alumni Centre is about rupees one crore. 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 student internships, providing project works, providing jobs to the students through campus placements, and contributing learning resources to the library. The Alumni also mentor the students

opting for higher studies and acting as members of Board of Studies, Academic Council, and Board of Governors.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alumni.gcesalem.edu.in/

5.4.2 - Alumni's financial contribution during the year A. ? 15 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The governance of 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 is in tune with the vision and mission statement of the institute. To achieve the vision and mission of the institute, various sub-committees 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 outcome of the students is tracked and corrective measures were 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
Upload any additional information	View File
Paste link for additional Information	https://gcesalem.edu.in/governance

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

Government College of Engineering, Salem promotes decentralization in all activities and various committees are accomplished 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 for the enhancing academic activities of the institution. The following are the responsibilities to approve:

- The new regulations and changes made in the current regulations for UG/PG programmes.
- The modalities of end-semester examinations and methodology of processing the results.
- The special committee meeting, 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.

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 sub-committees and discusses the issues.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://gcesalem.edu.in/index.php/academic-committee

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Strategic / Perspective plan:

1. To update the curriculum with changing trends in technology.
2. To bring ICT into the teaching-learning process and to make learning interesting and fun.
3. To carry out research and consultancy work using the resources of the institute.
4. To bring out industry-institute interaction and entrepreneurship activities.
5. To strengthen alumni engagement.
6. To establish a clean and green campus and move towards renewable energy.
7. To move towards 100% placement.
8. To motivate students to take up research and entrepreneurship.

Development:

1. Curricula for each programme are formulated and revised by guidelines of AICTE, affiliating university, and in alignment with the vision and mission of the Institute.
2. In pace with the recent technology , the 2018 Regulation curriculum is framed withbasic science , engineering science , Mathematics, Professional Core, Professional elective, Open Elective subjects.

3. It is mandatory to carry out, mini-projects and final-year projects.
4. Industrial internships and in-plant training were made mandatory for course completion.
5. Mandatory Course includes Environmental Science, the Constitution of India, Induction Programme /NCC / NSS / SPORTS / YRC/Yoga activities were also part of the curriculum.
6. Feedback from student stakeholders.
7. The curriculum also offers a Choice Based Credit System.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://gcesalem.edu.in/bog-minutes-meeting
Upload any additional information	View File

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

The 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 the Departments, faculty members, non-teaching staff, and administrative staff. Since it is a Government Autonomous Institution all expenses were met out from block grant funds. All transactions are made online. Purchase was carried out only by e-procurement through the state Government e-portal and 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.6000 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 in the website www.tn.gov.in.

File Description	Documents
Paste link to Organogram on the institution webpage	https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Mandatory%20Disclosure.pdf
Upload any additional information	View File
Paste link for additional Information	https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Mandatory%20Disclosure.pdf

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Teaching

Tamilnadu state government schemes such as new health insurance scheme, pension schemes, GPF, CPS and earn leave reimbursement.

Staff quarters available for teaching faculty.

College provides financial support for doing research and publications to faculty members. The institution encourages faculty members to attend courses/conferences/workshops /seminars/training programmes and research - oriented programmes.

Provides full paid Maternity leave for one-year, Medical Facilities within the campus, annual sport events for faculties.

General health check-up and eye screening are done to employees.

Leave Travel Allowance (LTA) is provided to employees. The Institute has provision of sanctioning loans at a very nominal rate of interest to the faculty through cooperative society.

Non-teaching

Tamilnadu state government schemes such as new health insurance scheme, pension schemes, GPF, CPS and earn leave reimbursement.

Staff quarters available for nonteaching faculty. The institution encourages non-teaching faculty members to attend courses/ workshops /seminars/training programmes. Provides full paid Maternity leave for one-year, Medical Facilities within the campus, annual sport events for faculties.

General health check-up and eye screening are done to employees.

Leave Travel Allowance (LTA) is provided to employees. The Institute has provision of sanctioning loans at a very nominal rate of interest to the faculty through cooperative society.

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

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

5

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

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

2

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

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

40

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

External audit

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. The audited reports were made available in the college website.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/u/0/folders/1y78E5bOJaAZV5sTu8xmPR3-fwKHpFjDK

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

3

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

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The primary sources of funding for our institution are student fees and State Government grants based on budgetary allocations. However, in order to satisfy future research and teaching learning resource requirements, the Institution also mobilises its resources through:

1.Block grant towards to meet the salary and non salary items of expenditure 2.Student's fees 3.TEQIP III funds 4.Consultancy works

5.Sponsored research labs 6.Research grants received from government agencies.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal Quality Assurance Cell (IQAC) has contributed significantly to institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in the case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC will make a major and meaningful contribution to the Institution's post-accreditation phase. Incremental Improvements made during the preceding year:

1. 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.
2. Ensure internalization of the quality culture.
3. NBA criteria were met as a result of IQAC measures
4. As a result of quality improvement, placement in core companies and software companies were improved.
6. 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
Upload any additional information	View File
Paste link for additional information	https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Department_attachments/Best%20Practices.pdf

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

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. Academic audits are undertaken once a year, with one internal and one external audit per semester, with the goal of improving the program's quality.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gcesalem.edu.in/13/iqac

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

B. Any 3 of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://gcesalem.edu.in/node/387
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

- 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.
- The women development cell interacts with students regarding gender problems, so as to develop the sensitization of students. Every year on March 8, International Women's day is celebrated.
- Girl students are encouraged to participate in curricular, co-curricular as well as extracurricular activities like NSS and NCC activities.
- Technical and soft skills programmes were conducted for motivating the young female students.
- 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.
- Grievances Readdressal committee constituted in the institution registers complaints and takes action to ensure safety and security in the campus for students and faculty.
- Women Empowerment Programme titled "Java Programming with Soft Skills" organized by ICT Academy in association with DXT

Technology between 12-03-2021 and 18-08-2021 has benefitted 76 girl students.

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

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

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

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

1. 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.

2. 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.

3. Plastic free campus zone.

4. 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.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

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

B. Any 3 of the above

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

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

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

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

E. None of the above

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

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

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

C. Any 2 of the above

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

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

- **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.
- **Initiatives towards Regional diversity:** Apart from various districts of Tamil Nadu, the institute has got 35 students from the North east states of India. Those students are provided with equal chances to participate in the co-curricular activities including clubs/cells and extra-curricular activities like sports, cultural events and yoga.
- **Initiatives towards Linguistic diversity:** To bridge the gap between the region specific language students and other state students, English is utilised as a medium of teaching in all the classrooms. Interested Students are taught the other foreign languages like German and Japanese in the campus through on-line mode to support them in their way abroad for their higher studies and work across the world.
- **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 Socioeconomic 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.

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

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

- **Duties and responsibilities of citizens :**Every year Constitution Day pledge is taken by all the faculties and students. National Integration Pledge taken on 19-11-2021
- Anti-Untouchability pledge taken on 30-11-2021
- Anti Terrorism Day pledge taken on 21-05-2021
- Sadhbavna Diwas pledge taken on 20-08-2021
- National youth parliament scheme 2022 :
- To promote the Youth Parliament programme developed by the Ministry of Parliamentary Affairs, awareness programme was conducted to facilitate self-learning of the participants.
- **Human Values:**
 - 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 their responsibilities.
 - During natural disasters, students are permitted to collect funds/ materials and distribute them to the affected people (Rain affected areas in Cuddalore, Chennai / Corona period)
 - 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. 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.

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

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

C. Any 2 of the above

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

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

1. Yoga day June 6, 2022

2. Covid Awareness Day campaign with 200 student participation

3. Engineers day celebration on 16-09-2021

4. National Unity Day/Rashtriya Ekta Diwas was celebrated with theme of "Unity in diversity is better than unity in similarities" on 31-10-2021

5. Teachers' Day on 5-10-2021 was celebrated in the campus
6. World Environment Day is celebrated every year with great enthusiasm by planting trees in campus.
7. Independence day celebrations on 15-08-2021
8. International Women's Day 2021 celebrations on 08-03-2022
9. Republic day celebrations on 26-01-2022
10. CPR - THE life saving techNIQUES FOR NSS AND NCC STUDENTS
30.8.2022
11. NSS UNITS RALLY TO CREATE AWARENESS TO HOIST FLAGS - HAR GAHR TIRANGA AND AZADIKA AMRIT MAHOTSAV 13 TO 15-8-2022
12. FIVE DAY CAPACITY BUILDING PROGRAM FOR EDUCATORS 5-8-2022
13. ANTI DRUG STUDNETS AWARENESS MEETING MRS C TAMILRASI INSPECTOR OF POLICE AND MR G RAJA SUB INSPECTOR OF POLICE 17.8.2022
<https://gcesalem.edu.in/node/703>
14. Anti-Drug Awareness Program on 17.08.2022

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

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

◦ BEST PRACTICE - I

1.TITLE OF THE PRACTICE:

Industry oriented Curriculum Design and Teaching - Learning

Process. – 2022 Regulation.**2. Objective of the practice**

To design Industry oriented curriculum to meet out the requirements and incorporate the recent technologies in the syllabus.

To establish relationship with reputed industries through industry oriented advanced courses (FAB Courses) satisfying both statutory body requirements and Programme specific demands. Four courses namely, Engineering sprints, Innovation sprints, Design sprints and Ideation sprints are offered to all the students of all the branches in GCE, Salem. Government of Tamil Nadu has approved for the establishment of FAB LAB at GCE, Salem.

1. Title of the practice: Clean and green campus**2. Objective of the practice To maintain a clean and green campus**

3. The practice 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.

BEST PRACTICE – II

File Description	Documents
Best practices in the Institutional website	https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Department_attachments/Best%20Practices.pdf
Any other relevant information	NIL

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

- 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.

- 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 in optimizing usage of the precious e-resources and nurturing research interests of faculty and their students.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Our curricula have been designed to adhere to the guidelines set by AICTE, the affiliated Anna university and be in line with the vision and mission of the institution. The curriculum has been designed with an eye towards future technological advancements. It includes mathematics, basic and engineering sciences, humanities, professional core, open electives, and employability enhancement courses. The curriculum also includes laboratory work, mini and major project work and innovates. The core courses lay the foundation for students to be able to succeed in their program and provide them with the skills they need to be successful. Professional core courses provide students with important foundational concepts while advanced concepts are explored in professional/open elective courses. Students can opt for online courses such as SWAYAM, NPTEL, etc., to promote their own learning. These courses offer the opportunity to learn at one's own pace and in a self-directed manner. Feedback of curriculum from a variety of sources - students, faculty, alumnae, employers, parents, and industry experts - to identify areas may be falling short and take necessary measures to address those areas in future iterations of the curriculum.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://gcesalem.edu.in/regulations-2018

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

6

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

86

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

0

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

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

1.3 - Curriculum Enrichment

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

The Institution offers a variety of courses in the curriculum that help students develop holistically, including Environmental Science, Professional Ethics and Human Values, Industrial Safety Management, Disaster Management, Environment and Pollution Control, Waste to Energy, Industrial Safety, Constitution of India, Value Engineering. These courses help students understand the cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics.

Gender issues

Anti Gender Harassment Committee/Prevention and Prohibition of Sexual Harassment of women employees and students was constituted and functioning in the campus. The anti-gender harassment committee's work encompasses more than just gender harassment; it also provides students a way to interface with real life situations.

Human Values and Professional Ethics

A course on Professional Ethics and Human Values is offered to students during the programme of study. Social development activities such as blood donation camps, health check-up camps, hygiene and health workshops, environment awareness camps and workshops on social issues, public health and gender issues are organized periodically. All the activities are monitored by faculty in-charge at campus. College provides students with opportunities to get involved in social activities through programmes like NSS/NCC. These programmes aim to instill values, ethics and qualities that make students socially responsible citizens.

Environment and sustainability

A course on Environmental Sciences and Engineering is part of every UG program. To make students more aware of environmental and sustainability issues, we organize activities like seminars, workshops, guest lectures, industry visits, and field trips for students in all programs.

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

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

0

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

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

0

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

612

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

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	https://gcesalem.edu.in/13/survey
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	C. Feedback collected and analysed
---	---

File Description	Documents
Provide URL for stakeholders' feedback report	https://gcesalem.edu.in/13/survey
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

471

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

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

455

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Here we 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.

Strategies for slow learners :

Remedial Classes are conducted to improve the academic performance of the slow learners, and to help them to catch up with their peers.

Strategies for advanced learners:

1. Skill Development Programme like Communicative English, Aptitude are conducted.

2. Trained for placement, GATE and other competitive exams.

3. Assignment and Student Seminars on contemporary topics to enable them for placement.

4. The academic achievements of the students are extremely motivated by honoring them with Medals on Award day ceremony and Graduation Day.

5. Appointed as member in board of studies and office bearers

of student council, department association and various professional bodies to develop their communication, leadership & team

building skills.

6. They are encouraged to participate in:

(i) MOOC Courses under Swayam platform.

(ii) Various Seminars/ Conferences/ Workshops/ Inter-Collegiate Competitions.

(iii) National /International level hackathons and competitions.

(iv) Debate, Group Discussion, Problem Solving - Decision Making Exercises and Quiz Programmes.

(v) Extra-curricular activities, exhibitions and cultural competitions.

(vi) Innovative projects and other technical initiatives of the Institute.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
04/08/2021	1959	113

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

GCE provides platform to grow, develop skills and nurture values that shape student minds. Student oriented innovative programs to creativity, enhance problem solving capabilities and ensure participative learning are conducted. Following student centric methods are adopted:

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 from MOOCs, NPTEL, MNCs like Microsoft/ Google/ NSE etc., enhance subject knowledge
5. Participation in Simulated stock exchanges and hackathons help students work on real life scenarios

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 Society 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: Student Mini Project development, Solution to Environmental Problems, Quizzes, Case studies, Debates, in inter-intra college
- help students acquire problem solving qualities.

File Description	Documents
Upload any additional information	View File
Link for additional Information	NIL

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

The teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education

to support, enhance, and optimize the delivery of education.

The following tools are used by the Institute, ICT Tools:

E-resources and techniques used INDEST consortium

1. E-journals - ASME
2. Online catalogs
3. Indexes & full text databases
4. E-books
5. Online tutorials & Library guides
6. Electronic reserve & PDF formatted
 - Online websites
 - Coursera
 - Openlearn
 - Edx
 - NPTEL
 - National Academy of Engineering
 - Engineer & free

- Swayam prabha channel
- Infosys campus connect
- TCS-campus commune
- ICT academy-skilledge
- Use of ICT by Faculty

1. Power Point Presentations- Faculties use power-point presentations for teaching using LCD's and projectors. Access to online search engines and websites is provided through digital library.

2. Industry Connect- Guest lectures, expert talks and various technical competitions are organized for students in the well equipped seminar and conference halls.

3. Online quiz- Online quizzes are conducted for students after the completion of each unit through GOOGLE FORMS

4. Video Conferencing- Student Counselling is offered via Google meet applications.

5. Video lecture- Recorded Video Lectures are made available for long term learning and future referencing.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.youtube.com/watch?v=93u9misvIDc
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

98

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

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

An Academic committee is formed constituting the Principal, Vice Principal, HODs, Industrial experts and university nominees to formulate academic regulations, curriculum, and academic

schedule.

1. Academic calendar:

The Academic Committee collects the plan of action and puts forth a well-planned Academic calendar which is displayed in the notice boards and website for student access.

2. Teaching Plan:

A unit-wise teaching plan of the course content, spread over the allotted lecture hours, is prepared to ensure a uniform pace of teaching by the respective faculty before commencement of semester course work.

An Outcome Based Education prescribed by NBA includes following:

1. Course prerequisites

2. Course objectives, Course outcomes and mapping with Programme Outcomes

3. Learning resources and delivery methodologies like LCD project.

4. Assessment methods

5. Unit wise lecture plan

6. Assignment, tutorial and model questions

7. Link to video lectures**8. Additional information**

Internal Audit Committee will audit the Academic plans of each faculty and the audit reports are submitted to the Principal, for follow up action.

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

2.4 - Teacher Profile and Quality**2.4.1 - Number of full-time teachers against sanctioned posts during the year**

113

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

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

49

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

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

1172

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms**2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year**

13

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Choice Based Credit System

The regulations and curriculum has the following provisions
 Internship, Project/Mini Project, Field visit, Language Laboratory, In plant Training, Self-study courses, Break of

study permitted, Open Electives, Additional Activity Points, Value added courses, SWAYAM/MOOC courses, Audit and mandatory courses as per the AICTE model curriculum

The quality of the question paper is ensured through two level Question paper setting and scrutiny process.

Transparency in examination evaluation system Students are permitted to receive the photocopy of the valued Answer Scripts at nominal fees Students can apply for revaluation. The results will be intimated to the student concerned through the Head of the Department within 7 working days from the last date of application of revaluation.

Challenging the revaluation is permitted. In such a case, Join Revaluation is carried out by two subject experts and the results are declared within 2 days.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://portal.gcesalem.edu.in/

2.6 - Student Performance and Learning Outcomes

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

Course Outcomes are framed for all courses in the program during the commencement of the semester based on Blooms' Taxonomy which includes various levels like:

- Remember
- Understand
- Apply
- Analyze
- Evaluate
- Create

HOD along with subject faculties and domain experts discuss and frame the Course Outcomes. Mechanism of Communication of all Learning Outcomes (PO, PSO, CO) among faculty, staff, and students

- Students are educated with the outcomes of each course before the commencement of the subject.

- POs and PSOs are displayed at prominent places like HOD Room, Seminar Hall, Class room, Laboratories, Faculty Rooms.

- POs, PSOs, COs are included in Lesson Plans, Laboratory Manuals, Course files, Course End Survey, Alumni Survey etc

- It is displayed in Institution Website

- These points are discussed in Alumni meet and taken the feedback from alumni to ensure whether the outcomes are met.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://gcesalem.edu.in/18/department-electrical-and-electronics-engineering-po

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

- Course Outcomes identify the unique knowledge and skills expected to be gained from a given course.
- Programme Outcomes are one step broader statements that describe what students are expected to know and be able to do upon the completion of a specific program.
- Programme Specific Outcomes are what the students of a specific programme should be able to do at the time of studying in the programme.
- Programme Outcomes and Programme Specific Outcomes are

attained through the attainment of Course Outcomes.

- Measurement of attainment of POs, PSOs and COs is done through formative and summative methods. Analysis of students' performance in internal tests is continuous assessment. Maximum 300 marks are allotted on three internal examination and 30 marks on three assignments and 30 marks for Quizzes / Objective type Test/Tutorial. Analysis of terminal exam results is also done.
- After the analysis, strategy for improvement is made and implemented. All the assessments are analyzed regularly. The analysis of students' performance in semester examination is done to know the levels of attainment of POs, PSOs and COs. Each department analyses the result of the students for each subject.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

523

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Annual%20report%202021-2022.pdf

2.7 - Student Satisfaction Survey

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

<https://gcesalem.edu.in/13/survey#>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The research policy of Government College of Engineering, Salem planned to produce and maintain a research culture among its teachers and students. . Alos our commitment lies in producing comprehensive knowledge seekers and humane individuals, capable of building a strong and developed nation of all its learners leading to the realization of the institute's vision and mission.

Faculty members are always encouraged to get engaged in research paper publications in peer reviewed journal and also get participated in industrial consultancy projects. Academic commitee and staff developement commitee was establish to promote the research activites in the institution and the recseach activites are always updated in the Instituion website.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://gcesalem.edu.in/index.php/node/386
Any additional information	View File

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

3.1.2.1 - Seed money provided by the institution to its teachers for research during the

year (INR in lakhs)

NIL

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

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

2

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

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

NIL

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

3.2.2 - Number of teachers having research projects during the year

0

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

3.2.3 - Number of teachers recognised as research guides

28

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

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

0

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	NIL
Any additional information	View File

3.3 - Innovation Ecosystem

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

R&D cell motivates the faculty members to submission of research proposals to various funding agencies like DRDO, DST, AICTE, DBT, etc. The institute has an excellent ecosystem for innovations including incubation centre for creation and transfer of knowledge. The college offers undergraduate, postgraduate and doctoral programs, creating an ecosystem that enriches young minds through various supported learning opportunities. As a result of this ecosystem, students co-work with faculty designing and developing systems. There are several ongoing funded research programs in which members work continuously. This provides an opportunity for students to work on live projects also results in the creation of research publications, patents, and products.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gcesalem.edu.in/node/511

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

2

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

3.4 - Research Publications and Awards

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

C. Any 2 of the above

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

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

4

File Description	Documents
URL to the research page on HEI website	https://gcesalem.edu.in/node/386
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

89

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

20

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

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

40

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

1281

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

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)**113.163**

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

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

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

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The college organizes a number of extension activities to promote institute neighborhood community sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively National Service Scheme. Through NSS, the college undertakes various

extension activities in the neighbourhood community activities were carried out by NSS volunteers addressing social issues which include cleanliness plantation ,water conservation Shramdan,Social interaction, Group discussion Eradication of superstition Environmental awareness, Women empowerment, Blood donation camp, Health check up camp,

Various departments of the college is conscious about its responsibilities for shaping students responsible citizens of the country by making students aware of social issues through various programmes like Environmental Awareness, Personal Health and Hygiene, Diet awareness, Road Safety, Tree Plantations, Soil and Water Testing, Plastic eradication, No vehicle day, Jananisuraksha, organizing visit to Orphanages and Anganwadi, Voters awareness, Blood donation camps, etc. All these mentioned activities positive impact on the students and it developed student community relationship, leadership skill and self confidence of students. It also helped in cultivating hidden personality of students and creates awareness among students.

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

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

2

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

3

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

450

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

333

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

10

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Government College of Engineering, Salem-11 was started during 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 centre, 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 centre, 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 totally 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 centres in India to collaborate with IIT, Mumbai and ISTE to offer courses and training via video conferencing NPTEL Local Chapter has been 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	View File
Paste link for additional information	NA

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

The department of Physical Education offers facilities for various games and track events. An open-ground is available for 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, volley ball, 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 programmes 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
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://gcesalem.edu.in/sports

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

36

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

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

190.34

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

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	View File
Paste link for additional information	https://gcesalem.edu.in/25/digital-library

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

A. Any 4 or more of the above

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

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

3.197

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

60

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

4.3 - IT Infrastructure

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

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 page and department sites that meets web usability and accessibility standards ensuring that web materials comply with Institute policy, privacy and information security. The content hosted on the website are developed with the 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 current website policy. It is also responsible for adding new policies if necessary and to respond to issues pertaining to website operations. The Website is managed/ maintained by Institute website administration team members. To publish any content in the Institute Website, the website content management team members get content the 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 hierarchy from below. After scrutiny of the information and format the information is published/ updated in the Institute Website.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1956	560

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. 750 Mbps
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File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	D. Any one of the above
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File Description	Documents
Upload any additional information	View File
Paste link for additional information	NA
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

192.0571

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

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 in 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	View File
Paste link for additional information	https://gcesalem.edu.in/index.php/academic-committee

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1653

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

99

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

C. Any 2 of the above

File Description	Documents
Link to Institutional website	NIL
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

150

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

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

C. Any 2 of the above

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

5.2 - Student Progression**5.2.1 - Number of outgoing students who got placement during the year****214**

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

5.2.2 - Number of outgoing students progressing to higher education**32**

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

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year**5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year****10**

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

5.3 - Student Participation and Activities**5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year****2**

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

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Government College of Engineering, Salem-11 has a unique collection of student-driven activities and committees.

- In Academic activities like Board of Studies (BOS) and class committee meetings, the student members are involved and the activities are planned, implemented, and executed based on their feedback.
- The students are actively involved in designing the posters, advertisements, getting sponsorship, and inviting other institutions for the execution of academic events like Seminars, Conferences, symposiums, Guest Sessions, workshops, and Alumni meetings in a systematic manner.
- In various committees like disciplinary, Anti Ragging, Students affairs committee, grievance redressal committee, and clubs like photographic painting, dance, music, Tamil Mandram, YRC, and Red Ribbon club, students take their role and play well to showcase their managerial skills.
- As a part of academic activities, a student placement committee was created and coordinated with industry and placement faculty coordinators to maintain their database and CVs of all registered students.
- Students have taken various responsibilities such as General Secretary, mess representative, and block representative in both girls' and boys' hostels.
- Entrepreneurship Cell is an initiative to trigger students to become an entrepreneur. Entrepreneurship awareness programs were conducted to motivate their skills towards entrepreneurship.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gcesalem.edu.in/index.php/students-affairs-committee

5.3.3 - Number of sports and cultural events / competitions organised by the institution

2

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

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. Donations are exempted under Section 80G of the Income Tax Act. Alumni have provided Alumni Centre, especially for the purpose of conducting campus interviews and other important meetings. The cost involved in the construction and facilities of the Alumni Centre is about rupees one crore. 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 student internships, providing project works, providing jobs to the students through campus placements, and contributing learning resources to the

library. The Alumni also mentor the students opting for higher studies and acting as members of Board of Studies, Academic Council, and Board of Governors.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alumni.gcesalem.edu.in/

5.4.2 - Alumni's financial contribution during the year

A. ? 15 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The governance of 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 is in tune with the vision and mission statement of the institute. To achieve the vision and mission of the institute, various sub-committees 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 outcome of the students is tracked and corrective measures were 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
Upload any additional information	View File
Paste link for additional Information	https://gcesalem.edu.in/governance

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

Government College of Engineering, Salem promotes decentralization in all activities and various committees are accomplished 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 for the enhancing academic activities of the institution. The following are the responsibilities to approve:

- The new regulations and changes made in the current regulations for UG/PG programmes.
- The modalities of end-semester examinations and methodology of processing the results.
- The special committee meeting, 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.

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 sub-committees and discusses the issues.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://gcesalem.edu.in/index.php/academic-committee

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Strategic / Perspective plan:

1. To update the curriculum with changing trends in technology.
2. To bring ICT into the teaching-learning process and to make learning interesting and fun.
3. To carry out research and consultancy work using the resources of the institute.
4. To bring out industry-institute interaction and entrepreneurship activities.
5. To strengthen alumni engagement.
6. To establish a clean and green campus and move towards renewable energy.
7. To move towards 100% placement.
8. To motivate students to take up research and entrepreneurship.

Development:

1. Curricula for each programme are formulated and revised by guidelines of AICTE, affiliating university, and in alignment with the vision and mission of the Institute.
2. In pace with the recent technology , the 2018 Regulation curriculum is framed with basic science , engineering

science , Mathematics, Professional Core, Professional elective, Open Elective subjects.

3. It is mandatory to carry out, mini-projects and final-year projects.
4. Industrial internships and in-plant training were made mandatory for course completion.
5. Mandatory Course includes Environmental Science, the Constitution of India, Induction Programme /NCC / NSS / SPORTS / YRC/Yoga activities were also part of the curriculum.
6. Feedback from student stakeholders.
7. The curriculum also offers a Choice Based Credit System.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://gcesalem.edu.in/bog-minutes-meeting
Upload any additional information	View File

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

The 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 the Departments, faculty members, non-teaching staff, and administrative staff. Since it is a Government Autonomous Institution all expenses were met out from block grant funds. All transactions are made online. Purchase was carried out only by e-procurement through the state Government e-portal and 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.6000 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 in the website www.tn.gov.in.

File Description	Documents
Paste link to Organogram on the institution webpage	https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Mandatory%20Disclosure.pdf
Upload any additional information	View File
Paste link for additional Information	https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Mandatory%20Disclosure.pdf

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Teaching

Tamilnadu state government schemes such as new health insurance scheme, pension schemes, GPF, CPS and earn leave reimbursement.

Staff quarters available for teaching faculty.

College provides financial support for doing research and publications to faculty members. The institution encourages faculty members to attend courses/conferences/workshops /seminars/training programmes and research - oriented programmes. Provides full paid Maternity leave for one-year, Medical Facilities within the campus, annual sport events for faculties.

General health check-up and eye screening are done to employees.

Leave Travel Allowance (LTA) is provided to employees. The Institute has provision of sanctioning loans at a very nominal rate of interest to the faculty through cooperative society.

Non-teaching

Tamilnadu state government schemes such as new health insurance scheme, pension schemes, GPF, CPS and earn leave reimbursement.

Staff quarters available for nonteaching faculty. The institution encourages non-teaching faculty members to attend courses/ workshops /seminars/training programmes. Provides full paid Maternity leave for one-year, Medical Facilities within the campus, annual sport events for faculties.

General health check-up and eye screening are done to employees.

Leave Travel Allowance (LTA) is provided to employees. The Institute has provision of sanctioning loans at a very nominal rate of interest to the faculty through cooperative society.

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

6.3.2 - Number of teachers provided with financial support to attend conferences /

workshops and towards payment of membership fee of professional bodies during the year**5**

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

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year**2**

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

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)**40**

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

External audit

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. The audited reports were made available in the college website.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/u/0/folders/1y78E5b0JaAZV5sTu8xmPR3-fwKHpFjDK

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

3

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

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The primary sources of funding for our institution are student fees and State Government grants based on budgetary allocations. However, in order to satisfy future research and teaching learning resource requirements, the Institution also mobilises its resources through:

1. Block grant towards to meet the salary and non salary items of expenditure
2. Student's fees
3. TEQIP funds
4. Consultancy works

5.Sponsoredresearchlabs 6.Research grants received from government agencies.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal Quality Assurance Cell (IQAC) has contributed significantly to institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in the case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC will make a major and meaningful contribution to the Institution's post-accreditation phase. Incremental Improvements made during the preceding year:

1. 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. 2. Ensure internalization of the quality culture.

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

4. As a result of quality improvement, placement in core companies and software companies were improved.

6. 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
Upload any additional information	View File
Paste link for additional information	https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Department_attachments/Best%20Practices.pdf

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

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. Academic audits are undertaken once a year, with one internal and one external audit per semester, with the goal of improving the program's quality.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gcesalem.edu.in/13/iqac

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

B. Any 3 of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://gcesalem.edu.in/node/387
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

- 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.
- The women development cell interacts with students regarding gender problems, so as to develop the sensitization of students. Every year on March 8, International Women's day is celebrated.
- Girl students are encouraged to participate in curricular, co-curricular as well as extracurricular activities like NSS and NCC activities.
- Technical and soft skills programmes were conducted for motivating the young female students.
- 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.
- Grievances Readdressal committee constituted in the institution registers complaints and takes action to ensure safety and security in the campus for students and faculty.
- Women Empowerment Programme titled "Java Programming with

Soft Skills" organized by ICT Academy in association with DXT Technology between 12-03-2021 and 18-08-2021 has benefitted 76 girl students.

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

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

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

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

1. 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.

2. 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.

3. Plastic free campus zone.

4. 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.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

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

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

B. Any 3 of the above

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

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

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	<p>E. None of the above</p>										
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Reports on environment and energy audits submitted by the auditing agency</td><td>View File</td></tr> <tr> <td>Certification by the auditing agency</td><td>View File</td></tr> <tr> <td>Certificates of the awards received</td><td>View File</td></tr> <tr> <td>Any other relevant information</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	Reports on environment and energy audits submitted by the auditing agency	View File	Certification by the auditing agency	View File	Certificates of the awards received	View File	Any other relevant information	View File	
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Reports on environment and energy audits submitted by the auditing agency	View File										
Certification by the auditing agency	View File										
Certificates of the awards received	View File										
Any other relevant information	View File										
<p>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</p>	<p>C. Any 2 of the above</p>										

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

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

- **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.
- **Initiatives towards Regional diversity:** Apart from various districts of Tamil Nadu, the institute has got 35 students from the North east states of India. Those students are provided with equal chances to participate in the co-curricular activities including clubs/cells and extra-curricular activities like sports, cultural events and yoga.
- **Initiatives towards Linguistic diversity:** To bridge the gap between the region specific language students and other state students, English is utilised as a medium of teaching in all the classrooms. Interested Students are taught the other foreign languages like German and Japanese in the campus through on-line mode to support them in their way abroad for their higher studies and work across the world.
- **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 Socioeconomic 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.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:	
<ul style="list-style-type: none"> • Duties and responsibilities of citizens :Every year Constitution Day pledge is taken by all the faculties and students. National Integration Pledge taken on 19-11-2021 • Anti-Untouchability pledge taken on 30-01-2021 • Anti Terrorism Day pledge taken on 21-05-2021 • Sadhbavna Diwas pledge taken on 20-08-2021 • National youth parliament scheme 2022 : • To promote the Youth Parliament programme developed by the Ministry of Parliamentary Affairs, awareness programme was conducted to facilitate self-learning of the participants. • Human Values: <ul style="list-style-type: none"> ◦ 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. ◦ During natural disasters, students are permitted to collect funds/ materials and distribute them to the affected people (Rain affected areas in Cuddalore, Chennai / Corona period) ◦ 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. 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. 	

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

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

C. Any 2 of the above

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

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

1. Yoga day June 6, 2022

2. Covid Awareness Day campaign with 200 student participation

3. Engineers day celebration on 16-09-2021

4. National Unity Day/Rashtriya Ekta Diwas was celebrated with theme of "Unity in diversity is better than unity in similarities" on 31-10-2021

5. Teachers' Day on 5-10-2021 was celebrated in the campus
6. World Environment Day is celebrated every year with great enthusiasm by planting trees in campus.
7. Independence day celebrations on 15-08-2021
8. International Women's Day 2021 celebrations on 08-03-2022
9. Republic day celebrations on 26-01-2022
10. CPR - THE life saving techniques FOR NSS AND NCC STUDENTS 30.8.2022
11. NSS UNITS RALLY TO CREATE AWARENESS TO HOIST FLAGS - HAR GAHR TIRANGA AND AZADIKA AMRIT MAHOTSAV 13 TO 15-8-2022
12. FIVE DAY CAPACITY BUILDING PROGRAM FOR EDUCATORS 5-8-2022
13. ANTI DRUG STUDENTS AWARENESS MEETING MRS C TAMILRASI INSPECTOR OF POLICE AND MR G RAJA SUB INSPECTOR OF POLICE 17.8.2022 <https://gcesalem.edu.in/node/703>
14. Anti-Drug Awareness Program on 17.08.2022

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

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

◦ BEST PRACTICE - I

1. TITLE OF THE PRACTICE:

Industry oriented Curriculum Design and Teaching - Learning

Process. – 2022 Regulation.**2. Objective of the practice**

To design Industry oriented curriculum to meet out the requirements and incorporate the recent technologies in the syllabus.

To establish relationship with reputed industries through industry oriented advanced courses (FAB Courses) satisfying both statutory body requirements and Programme specific demands. Four courses namely, Engineering sprints, Innovation sprints, Design sprints and Ideation sprints are offered to all the students of all the branches in GCE, Salem. Government of Tamil Nadu has approved for the establishment of FAB LAB at GCE, Salem.

1. Title of the practice: Clean and green campus

2. Objective of the practice To maintain a clean and green campus

3. The practice 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.

BEST PRACTICE – II

File Description	Documents
Best practices in the Institutional website	https://gcesalem.edu.in/sites/gcesalem.edu.in/files/Department_attachments/Best%20Practices.pdf
Any other relevant information	NIL

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

- 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.
- 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 in optimizing usage of the precious e-resources and nurturing research interests of faculty and their students.

File Description	Documents
Appropriate link in the institutional website	https://gcesalem.edu.in/13/institutional-distinctiveness
Any other relevant information	View File

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.