



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>		<b>JERUSALEM COLLEGE OF ENGINEERING</b>
• Name of the Head of the institution	<b>Dr.S. Ramesh B.E., M.Tech., Ph.D.,</b>	
• Designation	<b>Principal</b>	
• Does the institution function from its own campus?	<b>Yes</b>	
• Phone No. of the Principal	<b>04466199599</b>	
• Alternate phone No.	<b>04466199500</b>	
• Mobile No. (Principal)	<b>7500036999</b>	
• Registered e-mail ID (Principal)	<b>principal@jerusalemengg.ac.in</b>	
• Address	<b>Velachery Main Road, Narayanapuram, Pallikaranai</b>	
• City/Town	<b>Chennai</b>	
• State/UT	<b>Tamilnadu</b>	
• Pin Code	<b>600100</b>	
<b>2.Institutional status</b>		
• Autonomous Status (Provide the date of conferment of Autonomy)	<b>03/05/2019</b>	
• Type of Institution	<b>Co-education</b>	
• Location	<b>Urban</b>	

• Financial Status	<b>Self-financing</b>				
• Name of the IQAC Co-ordinator/Director	<b>Dr. N.John Jebarathnam</b>				
• Phone No.	<b>04466199500</b>				
• Mobile No:	<b>09444222534</b>				
• IQAC e-mail ID	<b>deaniqac@jerusalemengg.ac.in</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://www.jerusalemengg.ac.in/">https://www.jerusalemengg.ac.in/</a>				
<b>4.Was the Academic Calendar prepared for that year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://jerusalemengg.ac.in/academics/academiccalender.php">https://jerusalemengg.ac.in/academics/academiccalender.php</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B++</b>	<b>81.15</b>	<b>2005</b>	<b>21/09/2005</b>	<b>20/07/2010</b>
<b>Cycle 1</b>	<b>A</b>	<b>3.14</b>	<b>2015</b>	<b>15/11/2015</b>	<b>14/11/2020</b>
<b>Cycle 3</b>	<b>A</b>	<b>3.14</b>	<b>2020</b>	<b>15/11/2020</b>	<b>31/12/2024</b>
<b>6.Date of Establishment of IQAC</b>			<b>23/09/2005</b>		
<b>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.)?</b>					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
<b>Institution</b>	<b>AICTE Spices</b>	<b>AICTE</b>	<b>15/10/2022</b>	<b>100000</b>	
<b>8.Provide details regarding the composition of the IQAC:</b>					
• Upload the latest notification regarding the composition of the IQAC by the HEI	<a href="#">View File</a>				

<b>9.No. of IQAC meetings held during the year</b>	<b>1</b>	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10.Did IQAC receive funding from any funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<ul style="list-style-type: none"> <li>Participated in NIRF-23</li> </ul>		
<ul style="list-style-type: none"> <li>Consolidation and submission of AQAR</li> </ul>		
<ul style="list-style-type: none"> <li>Organized Faculty Development programme on Outcome based Education</li> </ul>		
<ul style="list-style-type: none"> <li>Organized Faculty Development programme on CO-PO Attainment</li> </ul>		
<ul style="list-style-type: none"> <li>Organization of workshops, seminars on quality related themes and promotion of quality circles</li> </ul>		
<b>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:</b>		
Plan of Action	Achievements/Outcomes	
Planned to conduct French, German and Japanese classes	Conducted on April 2023	
Planned to reframe the feedback forms	Feedback forms reframed	
Planned to apply NBA for ECE, IT, MBA Departments	Submitted Self Assessment Report to NBA	
<b>13.Was the AQAR placed before the statutory body?</b>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>		

Name of the statutory body	Date of meeting(s)
Management & HODs	01/04/2024
<b>14. Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>• Year</li> </ul>	
Year	Date of Submission
2022-23	02/02/2024
<b>15. Multidisciplinary / interdisciplinary</b>	
<p>A) Jerusalem College of Engineering (Autonomous Institution) envisages in providing finest quality engineering, technology and management education entrenched in ethical and societal values by inculcating multi-disciplinary approach in various discipline of Engineering. The curriculum in all discipline is carefully designed in accordance with the NEP 2020. The curriculum under Regulation 2019 of JCE was designed and developed ensuring that students get the required skills and by including the most recent technological developments in their respective domains. The curriculum includes Open Electives which provides an option for choosing interdisciplinary courses that can also be completed through NPTEL</p> <p>.The curriculum has a purview for taking up minors and honours degree along with their major discipline. Interdisciplinary projects are also encouraged .</p> <p>B) The curriculum includes courses from Science and Humanities such as English, Physics, Chemistry in the first year, and Mathematics up to second year. The curriculum of each programme has a total of 160 credits and contains a variety of courses such as Humanities and Science Courses (HS), Basic Science Courses (BS), Engineering Science Courses (ES), Professional Core Courses (PC), Professional Elective Courses (PE), Open Elective Courses (OE) [Courses offered by other than Parent</p> <p>Departments], Non-Credit Mandatory (NCM) Courses such as Environmental Science, Constitution of India, Essence of Indian Traditional Knowledge, Employability Enhancement Courses, Online courses and Value-Added Courses. To equip students with practical understanding in industry, Internships, mini projects and major</p>	

projects have been made mandatory with due Credit Weightage in the curriculum. Students are encouraged to choose SWAYAM - NPTEL courses as Open Electives and earn the credits. A course on Entrepreneurship is also included in the final year of the undergraduate programme.

D) The institution permits lateral entry during the second year and eligible transfer candidates during any year of study.

E) Across all branches of Engineering, internships, Inplant training, Mini Projects are included in the curriculum with credits. This inculcate the students to identify the real world problem and design a solution to solve the challenging issues faced by the society

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

NIL

#### **17.Skill development:**

A) J erusalem Educational Trust is engaged in promoting vocational programmes in health sector through DDU-GKY projects. To develop soft skills in alignment with NSQF the curriculum is designed with Soft Skills and Aptitude, Technical Skills and Aptitude, Professional Communication, Entrepreneurship for Engineers which will improve the overall personality of the student.

(B) Department clubs, placement and training cell, NSS, YRC, and Rotaract clubs conduct many activities that would help students develop their character, improve communication, leadership skills, and environmental awareness. NSS and YRC camps are held in rural areas to expose students to real-world issues confronting society. Through medical and cultural camps, people from rural areas are motivated and made aware of current issues. Through these activities, the institution ensures that a student is not only technically strong at the end of his course, but also develops into a complete human being with good civic sense and a healthy mind, enabling him to contribute to the nation's development.

C) Designed curriculum inculcates the soft skills through dedicated experienced trainers. Weekly hours are scheduled well before every semester. Periodic Assessments are also conducted to evaluate the technical and soft skills acquired by the students. These assessments hold weightage in the end semester credits.

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

A) All engineering discipline includes Non-Credit Mandatory (NCM) Courses namely Constitution of India, Essence of Indian Traditional Knowledge to enhance the knowledge on Indian customs and culture.

B) Will be implemented as per the affiliating university norms

C)NIL

D) The institution organizes various programmes to promote the Indian culture by celebrating culturals day and pongal day. It also conducts various traditional activities through Tamil mandram

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

i) The Institution has 9 Departments, offering 8 Undergraduate (UG) and 6 Postgraduate (PG) programmes. Following the norms of UGC, statutory bodies such as Governing Council, Academic Council, Finance Committee, Board of Studies and non-statutory bodies such as Planning and Evaluation Committee, Curriculum Development Committee were constituted to periodically follow up the functioning and growth of the Institution. The Institution practices Outcome Based Education (OBE).

JCE has implemented outcome-based education, which includes clearly stated Programme Outcomes, Program Specific Outcomes, and course outcomes. All courses are designed with cognitive abilities in mind, specifically Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating. Aside from domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills, so that students actively contribute to the nation's economic, environmental, and social well-being.

The Course Outcomes for each course are defined based on the Program Outcome and other requirements. At the end of each course, the COs are assessed and evaluated. Smart Classrooms are used to deliver enhanced and effective teaching. Guest lecturers from industrial experts are arranged to learn about current industrial trends. Hands on training and workshops for practical learning. Projects expos are organized for students by students. This creates a new horizon to think about the trends and technologies to adapt, learn and implement. Webinar classes and NPTEL video lectures are conducted by the faculty members and eminent personalities beyond class room teaching. Industrial visits are arranged regularly to meet the needs of growing technology. Symposium and conferences help in bringing out innovative ideas of students.

<b>20.Distance education/online education:</b>	
A)NIL	
B) ICT enabled technology is used by faculty and exclusive training given for preparing digital course content. Demonstration of models during lecture hours is done to make the students understand the concepts easily Demonstrations using power point presentation enables delivery of technical contents in an interactive and simpler way. Students are encouraged to refer to various open coursewares available in the web to improve their subject knowledge. Some of them are NPTEL, MIT - OCW, MOOC. In addition to traditional class room teaching, Google Classroom is created for all courses to simplify sharing class notes, grading assignment in a paperless way and also for online teaching.	
<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	<b>15</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Total number of students during the year:	<b>1481</b>
File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>
2.2 Number of outgoing / final year students during the year:	<b>347</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3 Number of students who appeared for the examinations conducted	<b>1680</b>

by the institution during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	<a href="#">View File</a>	
<b>3.Academic</b>		
3.1	501	
Number of courses in all programmes during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	<a href="#">View File</a>	
3.2	123	
Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	<a href="#">View File</a>	
3.3	121	
Number of sanctioned posts for the year:		
<b>4.Institution</b>		
4.1	230	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	51	
Total number of Classrooms and Seminar halls		
4.3	780	
Total number of computers on campus for academic purposes		
4.4	71146790	
Total expenditure, excluding salary, during the year (INR in Lakhs):		
<b>Part B</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.

The curriculum of each programme has a total of 160 credits and contains a variety of courses such as Humanities and Science Courses (HS), Basic Science Courses (BS), Engineering Science Courses (ES), Professional Core Courses (PC), Professional Elective Courses (PE), Open Elective Courses (OE) [Courses offered by other than Parent Departments], Non-Credit Mandatory (NCM) Courses such as Environmental Science, Constitution of India, Essence of Indian Traditional Knowledge, Employability Enhancement Courses, Online courses and Value-Added Courses. To equip students with practical understanding in industry, Internships, mini projects and major projects have been made mandatory with due Credit Weightage in the curriculum. Students are encouraged to choose SWAYAM - NPTEL courses as Open Electives and earn the credits. A course on Entrepreneurship is also included in the final year of the undergraduate programme.

The Course Objectives and the Course Outcomes (COs) are defined in each Course syllabus. The CO-PO, CO-PEO and CO-PSO mappings play a vital role in obtaining the PO attainments. The designed curriculum and syllabi of all defined courses is placed before the Board of Studies (BOS) for approval. After incorporating suggestions given by the members of BOS, the curriculum and syllabi are then placed for approval by the Academic Council and the Governing Council.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://jerusalemengg.ac.in/images/Po-Cos.pdf">https://jerusalemengg.ac.in/images/Po-Cos.pdf</a>

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

14

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

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

435

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	No File Uploaded

## 1.2 - Academic Flexibility

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

148

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

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

14

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

### 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 takes great care in imparting personality based learning along with the technical components involved in the curriculum. A three-week Induction programme for the first-year students focuses on imparting fundamentals of basic sciences and also on personality development programmes. The purpose of the programme is to make students feel comfortable in the new environment, create a bond between faculty and students, develop awareness on understanding self and people around, society at large, nature and universal human values.

Across all branches of Engineering, mandatory courses on Professional Ethics, Essence of Indian Traditional Knowledge, Environmental Science, Indian Constitution are offered in the curriculum which focuses on gender issues, managerial values and ethics, legal aspects, global warming and ecological issues to sensitize students on climate change and generate ecological concern. The curriculum also contains one credit courses on Soft Skills and Aptitude, Technical Skills and Aptitude, Professional Communication, Entrepreneurship for Engineers which will improve the overall personality of the student.

Various activities are conducted through department clubs, placement and training cell, NSS, YRC and Rotaract clubs which help in student's character development, improve communication, leadership skills and environmental consciousness.

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

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

9

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

749

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

577

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.4 - Feedback System

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

A. All 4 of the above

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

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%201/1.4%20-%20FS/1.4.1/1.4.1%20-%20Sample%20structured%20feedback.pdf">https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%201/1.4%20-%20FS/1.4.1/1.4.1%20-%20Sample%20structured%20feedback.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

**A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	Nil
Any additional information	<a href="#">View File</a>

## **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**

**1466**

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

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

**230**

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

## 2.2 - Catering to Student Diversity

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

The categorization of advanced and slow learners is done based on the continuous internal assessments conducted in the first semester.

Special programs for slow learners:

The Institution offers various programs for improving the learning ability of slow learners. The programs include

- Bridge courses

1. Arranged for smooth transition from higher secondary education to professional education

2. Focus on fundamentals of basic sciences, computer science and English

3. Motivational talks by eminent personalities and renowned alumni.

Special / Coaching classes

Additional classes are arranged after regular college hours in subjects such as Mathematics and Analytical subjects.

- Counselling and Mentoring

The Institution has a well established proctorial system. Each faculty is a mentor for 20 students. Each mentor meets his/her students periodically and holds discussions on both personal and academic issues. Care is taken to motivate and encourage slow learners to perform better and have a smooth college life.

Special programs for advanced learners:

The advanced learners are encouraged to

- Choose NPTEL courses as open electives allotted in the curriculum.
- Take up internships and value-added courses in emerging topics during semester breaks.
- Skill Development Courses
- GATE Coaching

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/drive/u/0/folders/1HhVnlbxxl57WtGiVt56DSh5i5lkrumHN">https://drive.google.com/drive/u/0/folders/1HhVnlbxxl57WtGiVt56DSh5i5lkrumHN</a>

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

Year	Number of Students	Number of Teachers
30/06/2023	1481	123

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

### 2.3 - Teaching- Learning Process

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

Student centric methodologies such as active learning, cooperative learning, project based learning, experiential learning, experimental learning, blended learning and other ICT based learning methodologies are implemented. Experiential and participative learning pedagogy is an integral part of the curriculum designed for all the programmes offered at college.

As part of experiential learning, students experience Laboratory Demonstration Classes, Practical Experiments, Web-based learning such as through Coursera and NPTEL, Internships, industrial visit, In-plant Training and projects. Students gain enriched experience from the aforesaid programmes via hands on learning and gain in-depth insights and acquire practical skills.

Learning among student groups, also called peer learning, is encouraged, which facilitates participative learning. This is best experienced through innovative continuous assessment components including group discussions, quiz, group seminars, online discussion forums, mini projects and group projects. Each Department has technical clubs through which students inculcate leadership qualities and professional excellence. Technical symposiums are conducted periodically through which students learn to work in teams and benefit out of participative learning. Around 25% of courses prescribed in the curriculum involve participative learning.

Problem solving oriented learning is incorporated in analytical subjects such as Engineering Mathematics courses, Signals and Systems, Digital Signal Processing, Theory of Computation, Fluid Dynamics.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://jerusalemengg.ac.in/department/electronics-communication/students-corner.php">https://jerusalemengg.ac.in/department/electronics-communication/students-corner.php</a>

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

To improve the learning outcomes and promote academic excellence, cloud-based platform like Google classroom is effectively used. Course materials are uploaded in the college website regularly by the faculty members. Course materials consist of study materials, question banks and university question papers. Virtual labs are conducted and thus helped the students avail various tools for learning. Online assignment and test are conducted and the papers are collected in google classroom.

Some of the ICT tools used are listed below

- Online classes through Google Meet, Zoom, YouTube channel
- Voice enabled PPT
- Video lectures
- Quiz through google forms
- Technical Seminar
- Webinars
- Online Assignments and test through classroom
- Online quiz through app like kahoot



File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%202/2.3%20-%20TLP/2.3.2/2.3.2%20-%20ICT-Vedio.mp4">https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%202/2.3%20-%20TLP/2.3.2/2.3.2%20-%20ICT-Vedio.mp4</a>
Upload any additional information	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

71

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

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

The Institution follows a well-planned academic calendar. The basic structure of the calendar which includes the schedules of assessment tests, model examinations, end semester examinations is prepared by Dean Academics in consultation with Principal and Controller of Examinations. The academic calendar is then updated by HoDs to include academic events such as guest lectures, seminars, class committee meetings, industrial visits, Parent Teacher meetings, proctor meetings, conferences, workshops, symposiums, model practical examinations, bridge course for first year students and submitted to Dean Academics and Principal for approval.

Important events of the college including cultural day, College Day, Sports Day and Graduation Day is also included in the academic calendar.

The academic calendar is strictly adhered to and all the academic activities are recorded in course files which are maintained by each faculty. The contents of the course file include the following:

1. Syllabus
2. Course Sheet

3. Academic Calendar
4. Class time table
5. Lesson plan
6. Result Analysis
7. Students' Name list
8. Assessment question papers
9. Assignment question bank
10. University question papers
11. Best/Below average answer sheets (for each assessment test)
12. Tutorial plan, material
13. Lecture notes

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

123

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	No File Uploaded

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

35

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

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

957

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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**

50

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	No File Uploaded

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

11

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

**Conduction of end semester theory examinations:**

- Boards comprising different panels to govern various disciplines are constituted.
- Examination notification specifying the starting date of both practical and theory examinations for various disciplines, regulations and year of study is circulated.
- Question paper setting is done by panel of members (both internal and external faculty members) under various boards.
- Codes are assigned to the collected question papers and then were scrutinized by panel of members (both internal and external faculty members) under various boards.
- From the accepted scrutinized question papers, a question paper for a subject is selected in random, formatted and printed day-to-day basis.
- The conduction of examinations is done by the various members of the office of the Controller of Examinations.
- The examinations are conducted two sessions per day.
- The answer scripts collected at the end of each session are shuffled and random numbers are assigned.
- The portion of the answer script containing register number of the candidate is teared off to maintain the anonymity.
- A pre-evaluation board meeting is conducted.
- Evaluation of answer scripts is done by panel of members both internal and external faculty members) under various boards.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

## 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

Each department in the college has an Advisory Board Constituted by HOD, senior faculty, representatives from alumni, employers & parents. This Board is instrumental in approving the POs, PSOs & PEOs of the programme. The Advisory Board meets before the commencement of each academic year, which forms course committees for each course comprising of the faculty handling the course along with a subject expert. The course committee, after detailed deliberations, defines the course outcomes (COs) for each course, their mappings with Program Outcomes (POs) and Program Specific Outcomes (PSOs).

The approved POs, PSOs, PEOs and COs are disseminated to all stakeholders through the following means:

- College website
- Display in prominent locations within the campus such as Department office, Laboratories and Department library
- Communicated to employers by mail.
- Communicated to Alumni during Alumni meets, whatsapp groups and other social media.
- Students are informed in the class during class committee meetings. COs are reviewed in the class after completion of each unit
- Printed in log books & lab manuals.
- Parents are informed during Parent Teacher meetings and through whatsapp groups.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://jerusalemengg.ac.in/images/Po-Cos.pdf">https://jerusalemengg.ac.in/images/Po-Cos.pdf</a>

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

### Attainment of Course Outcomes

Assessment of CO is generated for individual course based on the assessment pattern. The attainment of COs is calculated using direct and indirect assessment methods.

For theory courses, the assessment test marks, assignments and innovative practices such as Quiz, Seminars, library based assignments open book test etc and end semester examination marks are considered for CO calculation.

Overall course attainment is calculated considering 20% of internal assessment and 80% of end semester results.

### Attainment of POS & PSOS

The Target levels of attainment of POs and PSOs are fixed by the

Department Advisory Board. The attainments of POs and PSOs are evaluated through direct and indirect measures. The direct attainment of POs and PSOs is calculated based on the selection of courses and their COs.

The indirect methods for calculating attainment of POs and PSOs are through feedback mechanism such as program exit feedback, alumni feedback and employer feedback. These feedbacks are mapped to appropriate POs and PSOs.

The average score of all feedbacks are calculated as indirect attainment. The overall POs & PSOs attainment is calculated considering 80% Direct and 20% indirect attainment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jerusalemengg.ac.in/images/Po-Cos.pdf">https://jerusalemengg.ac.in/images/Po-Cos.pdf</a>

### 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

333

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%20/2.6%20-%20SPLO/2.6.3/NEW%20BRIEF%20ANNUAL%20REPORT%202022-2023.docx">https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%20/2.6%20-%20SPLO/2.6.3/NEW%20BRIEF%20ANNUAL%20REPORT%202022-2023.docx</a>

### 2.7 - Student Satisfaction Survey

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

<https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%202/2.7%20-%20SSS/2.7.1/student%20satisfactory%20survey%202.7.1.doc>

## 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 activities shall include supervision, execution of new research, Interdisciplinary and multi-disciplinary research, academic and research collaborations with other institutions or Universities, Government/private industry, consultancy assignments, Government Funded / Private Funded projects that might result in development of new or existing products, processes publications and intellectual property rights.
- The Management should create an environment conducive to research by providing suitable infrastructural facilities such as space, library, lab facilities, and funding if available, based on the educational merit of the proposed research.
- The Principal will initiate, promote and monitor the research activities in the institution by constituting an Office of the Dean of Research - consisting of the Heads of the different Departments and two members of the faculty designated by the Management. The Principal shall appoint the Dean from among this team
- R&D Cell shall have the responsibility of regulating the research activities of faculty members, scholars and students of the Institution and its responsibilities include research components in the curriculum of UG and PG Programs.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://jerusalemengg.ac.in/research&amp;development/research-policy.php">https://jerusalemengg.ac.in/research&amp;development/research-policy.php</a>
Any additional information	<a href="#">View File</a>

### 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)****435250**

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

**3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year****33**

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

**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)****5864540**

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



**3.2.2 - Number of teachers having research projects during the year**

20

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://drive.google.com/drive/u/0/folders/1HhVnlbxxl157WtGiVt56DSh5i5lkrumHN">https://drive.google.com/drive/u/0/folders/1HhVnlbxxl157WtGiVt56DSh5i5lkrumHN</a>
List of research projects during the year	<a href="#">View File</a>

**3.2.3 - Number of teachers recognised as research guides**

12

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

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

7

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

**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.

**Incubation and Innovation council (IIC):**

**Jerusalem College of Engineering (Autonomous) has established**

Institution's Incubation and Innovation Council and it is approved by Ministry of Human Resource Development Institution's Innovation Council in the campus on July 29, 2019. Various activities like poster making competition, workshops, guest lectures, webinars on recent development are arranged through this. The major focus of IIC is to create a vibrant local innovation ecosystem, start-up supporting mechanism and establish functioning ecosystem for scouting ideas and pre-incubation of Ideas.

#### Industrial relations:

The institution is well connected with various core industries and has signed Memorandum of Understanding (MoU) with various companies. Number of workshops and training programs are arranged through these companies to enhance student's overall skills. Full attempts are being made to transform students towards Industrial Revolution. Students are motivated to attend implant training and internships during vacation.

Various activities like project expo are arranged for school students to give them basic technical knowledge and exposure to the engineering field. Students presents their projects and share knowledge to give some engineering background to school children. Institution has also registered for the incubation centre and received the approval to proceed further.

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

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

66

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 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**

A. All 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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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**

47

File Description	Documents
URL to the research page on HEI website	<a href="https://jerusalemengg.ac.in/research&amp;development/r&amp;d.php">https://jerusalemengg.ac.in/research&amp;development/r&amp;d.php</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

58

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

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

52

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/drive/u/0/folders/1HhVn1bxxl157WtGiVt56DSh5i5lkrumHN">https://drive.google.com/drive/u/0/folders/1HhVn1bxxl157WtGiVt56DSh5i5lkrumHN</a>

#### 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

675

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

#### 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

28

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.5 - Consultancy****3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)****1731000**

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year****15000**

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	No File Uploaded

**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

Youth Red Cross (YRC) in our College prepares youth as peer agents of change among both youth as well as society by developing their skills on leadership, advocacy, communication and team building. It promotes voluntary blood donation among youth. It motivates youth, build their capacity as peer educators, and change agents by

developing their skills on leadership, negotiation, and team building by conducting various awareness programs.

The National Service Scheme (NSS) unit of the college participates in various initiatives like organizing camps and awareness programmes. Such camps and programmes help students to come in closer contact to their society and community. In addition, they get to know about various social problems and customs prevailing in the society.

Rotaract Club of JCE in our college provides an opportunity for individuals to enhance their knowledge and skills in order to assist in their personal development, while also addressing the physical and social needs of their communities through a framework of friendship and community service. It encourages the scientific and technical temper in students along with cultivating various hobby related interests among them. It also encourages the creativity in the students by giving them time to bring out the same.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jerusalemengg.ac.in/campus-life/nss.php">https://jerusalemengg.ac.in/campus-life/nss.php</a>

### 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

12

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	No File Uploaded

### 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)

65

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

5922

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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**

593

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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)**

17

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

**INFRASTRUCTURE AND LEARNING RESOURCES****4.1 - Physical Facilities**

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

. Over the period of 29 years it has made a mark of itself and got established as an institution which offers excellent engineering education. It is one of the very rare Institutes which is situated in close proximity to premier educational institutes and also the IT Hub of Chennai. The institute offers 10 Under-graduate and 5 Post-graduate course in Engineering, Technology and Management.

The Institute has very good infrastructural facilities and laboratories with state-of-the art equipment. The faculty of the college are a nice blend of both academic and industrial experience. The institute is entrusted in providing world class infrastructure to the students with modern building, well equipped laboratories and spacious modern library, smart class classroom, seminar halls and Auditorium.

The institute has well equipped audio-visual halls for conducting seminars, co-curricular and extracurricular activities. Guest lectures, workshops, Faculty Development Programs (FDP), value added courses, intra and inter department symposiums are conducted every semester of the academic year, to equip the students with the latest trends and technologies, enabling them to meet the ever demanding challenges. The class rooms are equipped with LCD projectors and necessary teaching aids for effective teaching and learning process.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jerusalemengg.ac.in/department/biomedical-engineering/infrastructure.php">https://jerusalemengg.ac.in/department/biomedical-engineering/infrastructure.php</a>

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

There are sufficient numbers of atriums, conference halls, auditoriums, amphitheaters for organizing cultural, literary and indoorsports events. Sports facilities for students such as Basketball court, Volleyball court, Table Tennis boards, Indoor Badminton court etc. are provided. The sports students have their practice at 6AM in the morning and 4PM in the evening respectively. The students are encouraged and provided with all necessary facilities to participate in Inter University, Intra University and



other sports tournaments. Each department is having well equipped smart classrooms for effective teaching.

#### Yoga Activities:

In addition to academics, cultural and physical activities, our college organizes regular "Yoga Activities". Regular assessment through the response of students who involve themselves in yoga practice indicates improvements in their studies and functions.

Culturals: EXCELSIOR is the annual inter-college culturals conducted by the culturals committee among various talented students to reveal their talents in fields like music, dance, art., speaking skills, debating etc. Programs are planned to impart professional ethics, societal service, environmental protection and patriotism. The students have won various trophies and medals in various competitions. The college also conducts intra-college cultural competitions and cash prizes and merit certificates are distributed to the students on the college day.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jerusalemengg.ac.in/campus-life/ycr.php">https://jerusalemengg.ac.in/campus-life/ycr.php</a>

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

43

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

71146790

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	No File Uploaded

## 4.2 - Library as a Learning Resource

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

Library is equipped with learning resources for all the students to update their knowledge. Online journals and magazines are available to enrich their knowledge and to enhance their overall academic skills. The library with bar code facility is completely computerized with Autolib - Integrated Library Automation Management Software - Multi-user in the year 2023. The library also has a photo-copying service unit.

A separate room is available for Audio-Visual purpose. The purchase records are all being available in the library which can be taken up for further reference and also ensure optimum utilization of the available facilities/equipment created by the institution.

#### Relevance of available learning resources including e-resources

The library in the institution has been centrally located for the easy access by all the departments of the college along with a sparkle PG library meant for departments.

The following are the list of online journals:

- ASCE - exclusively for Civil engineering - 38 titles
- IEEE - for technical and engineering branches - 169 titles
- JGATE - for management studies - Database

#### Audio Visual Facility in the library

A separate place within the library for audio visual learning for the benefit of students and professors along with 972 audio-visual aids (CDs & Cassettes)

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

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

**B. Any 3 of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

**798494**

File Description	Documents
Audited statements of accounts	No File Uploaded
Any additional information	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**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**

**783**

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

### 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 college has adequate facilities of the information technologies including Wi - Fi and the internet connections well spread through the campus and it is updated frequently. All the systems in the college campus are provided with LAN facility and UPS. The college has a well-equipped smart class rooms with all modern facilities concerning ICT. The conference halls consist of computers with internet and LCD Projectors.

The entire college campus is connected with high speed connectivity with 200 MBPS network through fiber optic connections for 1500 mts, which ensures reliable connections all the time. Internet Facility is available at all hostel rooms, library, placement blocks and all the laboratories within the campus.

Campus network enables remote learning, conferences, collaborative research, industry relations, alumni and remote recruitment, competitive examinations conducted by the Government. The campus has integrated software for various administrative and academic activities. All the notices are electronically circulated through e-mails.

Surveillance of IT facilities by installing 72 Cameras. 750+ IP enabled devices are connected to Institution network.

During the assessment period the institute sanctioned Rs. 1.5 crore and utilized Rs. 1.2 crore for augmenting IT infrastructure in the campus.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://docs.google.com/document/d/121IHUcNTj9Xv2XcShHBy-GFLabxGnTZW/edit">https://docs.google.com/document/d/121IHUcNTj9Xv2XcShHBy-GFLabxGnTZW/edit</a>

### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1481	720

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

<b>4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus</b>	<b>A. 250 Mbps</b>
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File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

<b>4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing</b>	<b>B. Any three of the above</b>
--	----------------------------------

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/drive/u/0/folders/1HhVnlbxxl57WtGiVt56DSh5i5lkrumHN">https://drive.google.com/drive/u/0/folders/1HhVnlbxxl57WtGiVt56DSh5i5lkrumHN</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 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)**

**71146790**

File Description	Documents
Audited statements of accounts	No File Uploaded
Upload any additional information	<a href="#">View File</a>

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 campus holds well established standard systems and procedures for maintaining the physical, academic and support facilities that are governed by the supervision of faculty in charges in college level. They ensure the various aspects of utilization and maintenance of the physical, academic and support facilities such as maintenance of buildings, laboratories, classrooms, library, sports complex, computers, etc.

**Utilization and Maintenance of Physical, Sports Complex and Support Facilities**

**Air-conditioner Work Maintenance:** The regular maintenance of filters and gas filling for air conditioners and water coolers in the campus are serviced periodically every 6 months and whenever is required by the cooling system maintenance team.

**Utilization and Maintenance of Class Rooms, Library and Laboratories:** Refurbishing refers to the process of dismantling the component of the laboratory equipment/system and assembling the same to increase the performance efficiency. This practice is carefully followed as per the documented standard procedures for every equipment to ensure its optimal performance.

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

## 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

334

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

139

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

**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**

A. All of the above

File Description	Documents
Link to Institutional website	<a href="https://jerusalemengg.ac.in/campus-life/ycr.php">https://jerusalemengg.ac.in/campus-life/ycr.php</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

237

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

**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**

**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>

## 5.2 - Student Progression

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

**235**

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

### 5.2.2 - Number of outgoing students progressing to higher education



14

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

### 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

7

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

### 5.3 - Student Participation and Activities

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

11

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

Jerusalem College of Engineering has formed the practice of electing a student council each year, providing an opportunities to students explore their creativity and responsibility.

The students are involved in academic governance through mechanisms

like library committee, class committee, Internal Quality Assurance cell, Entrepreneurship Development cell, Women cell, Anti ragging committee ,etc... In these committee meetings the suggestions for the enrichment of academic activities offered by the students are considered and appropriate action will be taken by the Principal/Deans/HoDs. Along with it, the student's council members are actively involved in conducting the technical symposium.

#### Administrative Committees:

The students are also involved in administrative committees like Office Bearers of Student Club and department association activities, Hostel committee, Canteen committee, Student Welfare committee, SC/ST student development committee, etc... Where the students give their suggestions and feedbacks on activities. The prevention of sexual harassment committee handles the gender related complaints with the involvement of students. The institution keeps the students updated about the provisions for the students from reserved category through SC-ST Cell. In addition to above, each department has student placement coordinators to work with the placement team of institution and support them in placement activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jerusalemengg.ac.in/campus-life/excelsior-cultural.php">https://jerusalemengg.ac.in/campus-life/excelsior-cultural.php</a>

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

59

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 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

The Alumni association meets once a year to interact, providing the college and alumni with opportunities for a symbiotic relationship. Future plans are also discussed in the meetings. Every year Alumni Newsletter is being released during the Alumni Day Celebration.

Along with the association meeting annual alumni meet is also organized at the institute level every year. Alumni contribution happens in various non-financial forms such as alumni interaction week, alumni challenge competition. Alumni on our campus for the benefit of the juniors, namely for conducting viva, STP activity, conducting mock personal interviews, discuss business and entrepreneurship opportunities. During the interaction alumni have highlighted the importance of current trends in the market and guided the students about the career opportunities in different fields. They have also shared their personal experiences with students.

Alumni visit campus at regular intervals to support the existing batch of students in planning and organizing events, extend support and guidance for functioning of various students clubs. Alumni who are entrepreneurs have been providing inputs on how to start a new venture and turning them in to job providers.

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

**5.4.2 - Alumni's financial contribution during the year**

D. 2 Lakhs - 5 Lakhs

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

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

The Institute led by our Chairperson Prof. Dr.M.Mala, follows participative leadership style to involve all staffs to ensure effective functioning and consistent improvement of the institution. The institute also focuses on facilitating effective interaction among alumni, core industries, other institutions, stakeholders for career growth of students and their placement.

Vision and mission of the institute focuses on the needs of the society by providing quality education. The Governance of the Institute is the Governing council and the Academic council and the Internal Quality Assurance cell (IQAC) which conducts frequent meetings with department representatives. The governance of the institute is in tune with its vision to promote education in Engineering, technology and Management, multi-disciplinary research, entrepreneurship for social transformation and nation building via value added programs, implant training, co-curricular and skill acquisition programs. This governing council works hard to maintain standard in education and in research. The Principal of the institute is assisted by Heads of various departments, Administrative officer, various cells and committee members in decision-making process in various academic and non-academic areas. The Institution policy believes involvement of all staff in decision-making.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jerusalemengg.ac.in/about-us/about-us.php">https://jerusalemengg.ac.in/about-us/about-us.php</a>

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

JCE follows a decentralized and participative management in decision making. A bottom-up approach is adopted including all stakeholders in planning and execution of activities. In its constant endeavor towards ensuring quality education, the Management, provides valuable suggestions and advice towards holistic growth of the Institution.

- The institution is headed by the Principal .

- Each Departments is supervised by the H.O.D. Departments are autonomous entities which are entitled to create/amend course curriculum, conduct PAC meeting and BoS meetings, organize regular classes, continuous assessment, student progression, research workshops, guest lectures, approve student leaves, collect feedback from various stakeholders, recommend purchase of required hardware/software
- The hostel management committee, comprising of student members plays an active role in formulating various hostel policies leading to the comfort of inmates.
- Class committee comprising of student members and faculty helps the department in efficient.
- Various committees such as Anti-ragging, Grievance redressal, cell etc., contribute towards framing of policies as prescribed by AICTE/UGC.
- In addition to the above, Board of Management, Academic Council, comprises of members drawn out from various stakeholders and these committees take active role in nurturing the growth of the university as per its strategic plan.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

## 6.2 - Strategy Development and Deployment

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

The College has a perspective plan for development, based on our Vision and Mission statements. All the stakeholders are consulted for their inputs while preparing the plan and move towards the achievement. The College has a Strategic Plan to achieve goals are as follows: innovative and technology-oriented teaching learning to respond to the emerging needs of a developing nation, promoting collaborative trans-border research and development programs in collaboration with reputed Universities and industry, Entrepreneurship activities, enrich Industry- Institute Relationships and Alumni Interaction. Activity: Autonomous

Experts from various industries and experienced academicians from reputed institutes are consulted in the process of framing our own curriculum, for which we have our own Board of Studies (BOS), to serve the purpose. Dedicated efforts are made to ensure that the syllabus framed is "Employment Centric". We restructure and redesign the curriculum of each course every year. The overall syllabus is framed in such a way that students get to experience more than two labs per semester, which in turn helps them gain more practical knowledge. In addition to this, Students are provided with multiple opportunities to intern at companies representing various Industries.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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 Governing bodies of JCE are Governing council and Academic council, which meet once a year and twice a year respectively. The institute prepares strategic plans annually, which are bifurcated into long term, and short-term plans and achieved hitherto. The Governing Council of JCE consists of well-experienced academicians and industry experts ensuring quality education by efficient monitoring of implementation of strategic plan and effective teaching learning process, in addition to innovative and best practices adopted by the institute. Academic council of JCE strives hard in regulating academic policies, maintaining standards of education, sustaining inter-departmental harmony and promoting research.

Continuous and meticulous efforts of the Institute's pivotal working committees ensure quality in both academic and administrative levels. Committees include Internal Quality Assurance Cell, Research and Funded Project Committee, Placement Committee, Curriculum Development Committee, Library Committee, Proctor Committee, Disciplinary Committee, Grievance & Redressal Committee, Sexual Harassment Committee & Women Cell, Alumni Association Committee, Purchase Committee, Newsletter and Calendar Committee, Canteen Committee, Campus Maintenance, Hostel Maintenance Committee, Extra-

Curricular Activities Committee and Transport Committee. Each of the committee, work as a team of faculty, with greater transparency and efficiency to step towards vision and mission.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://jerusalemengg.ac.in/naac-admin/AOAR/Criterion%206/6.2%20-%20SDD/6.2.2/Organizational%20chart%20compressed.pdf">https://jerusalemengg.ac.in/naac-admin/AOAR/Criterion%206/6.2%20-%20SDD/6.2.2/Organizational%20chart%20compressed.pdf</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jerusalemengg.ac.in/naac-admin/AOAR/Criterion%206/6.2%20-%20SDD/6.2.2/Organizational%20chart%20compressed.pdf">https://jerusalemengg.ac.in/naac-admin/AOAR/Criterion%206/6.2%20-%20SDD/6.2.2/Organizational%20chart%20compressed.pdf</a>

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

A. All of the above

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

### 6.3 - Faculty Empowerment Strategies

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

- Faculties are covered under Employment Provident Fund Scheme as per the act, according to which persons drawing up to Rs 12,000/- per month are covered. The employee and the management contribute 12% of the pay of such employee.
- The management grants maternity leave to the women employees, with pay for a period of 60 days and limited to the first two living children
- Grant of Rs 5000 /- for marriage and for the first child for the supporting staff.

- Excellent Teacher Awards have been instituted to encourage teachers to put in their best efforts.
- Faculty members are sponsored by the management for seminars, workshops and conferences while meeting the expenses towards delegation fee for the first time and also treating the period of absence as "ON DUTY"
- Faculty members are sponsored by the management to attend the International Conference /Workshop and reimburse the registration charge or one way fare whichever is less.
- NON-TEACHING STAFF:
- ESI and benefits and medical insurance given to the staffs.
- Medical facilities are available in the college for the minor ailments.
- Educational loan for higher studies, staff members are sponsored to upgrade their qualification.
- Tuition fee waiver for children of employees.

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

33

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

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

14



File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 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.)

334

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institution has appointed N.C.Rajagopalan & Company for the statutory Audit. The frequency of Statutory audit is taking place in annual basis. The Last Audit was done during September - 2022.

The Institution has appointed Mr. N.C.Ananthakumar M.Com, FCA. for the concurrent Audit. The frequency of Concurrent audit is taking place in monthly basis. The last audit was done during August-2022

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

#### 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)

17

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

##### Mobilisation of funds -

- Tuition fee from students.
- Getting Sponsor from IST/ AICET /EDI/MSME Projects and Consultancy project for Modernization of lab
- Increasing number of students in various departments
- By introducing the new courses

##### Optimal Utilisation of resources

- Every department will prepare budget in advance for obtaining lab equipment, lab facilities, infrastructure and up gradation of computational systems.
- The budget received from various departments is consolidated and normalized based upon the total income anticipated through the students tuition fee
- Departments are encouraged to obtain grants through various funding agencies and companies for conducting research, Consultancy work, Conference, Seminars etc
- While utilizing the funds the expenditure involved in procuring the equipment is collectively negotiated by the academic council members for the lab
- Inter department coordination is encouraged for the effective usage of lab equipment, seminar halls etc
- Staff is also instructed to make use of the equipment for more number of batches within the college time frame work
- Hiring of Infrastructure facilities through government & Non-government agencies

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jerusalemengg.ac.in/research&amp;development/funded_projects.php">https://jerusalemengg.ac.in/research&amp;development/funded_projects.php</a>

## 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)

### Significant contributions made by IQAC:

- Obtained autonomous status
- Participated in NIRF.
- Obtained accreditation from NBA for B.E.(BME), B.E(CSE) .
- Regular internal academic audits
- Strengthening the campus placements process to provide job opportunities for the students.
- Organization of workshops, seminars on quality related themes and promotion of quality circles
- Consolidation and submission of AQAR

### Improvements since the last accreditation:

1. Faculty members are encouraged to publish papers in the journals indexed in SCI, SCOPUS, and web of science databases. A total of 401 papers were published by our faculty. Incentives are provided to the faculty for quality publications.
2. 49 Patents are filed and published.
3. MHRD approved Incubation cell was established.
4. Girls Hostel was constructed inside the campus.
5. Conduction of career enhancement courses.
6. Refined and adopted OBE across the departments
7. More than 50 active MOUs with industry and academia to create awareness and training with updated technology
8. Soft Skill training to strengthen the placement

Some of the initiatives of IQAC contributing in incremental

improvements since its inception are:

- Mapping of Course and Program Outcomes
- MOU with National and international Institutes
- Conduction of Remedial Coaching
- Strong proctorial System
- Organizing Alumni meet
- Organizing workshops and Conclaves for students
- Organizing co-curricular and extracurricular events and activities

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jerusalemengg.ac.in/about-us/about-us.php">https://jerusalemengg.ac.in/about-us/about-us.php</a>

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

Academic audit is conducted to monitor the quality of teaching-learning along with other academic-related activities. Internal and External thorough audits are conducted for all departments annually. Internal audit is conducted by the committee of senior faculty constituted by the Dean-Academics and Chairman of IQAC. The external audit is conducted by inviting experts from academic institution of repute.

The following documents are presented to the committee for verification

- Course Objective and Outcome
- Course file
- Log books
- CO-PO Attainment
- Question Bank
- Copies of test question papers
- Class test papers
- Assignments
- Proof for viva-voce conducted
- Samples of PPT slides and other teaching materials
- Continuous assessment reports for period I,II
- Internal mark Calculations

he audit system has improved the performance of the faculty members and teaching quality and their integrity. The data recorded in the attendance register and assessment report by the faculty members are very good, Overall performance of the students in their written exam is satisfactory which exhibits the effective and innovative teaching methodology of the Faculty. With regard to the preparation of assignments, the students have excelled in their creative skills and have come out with wonderful outputs such as chart work, collages, write ups and handwritten manuscripts.

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

**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)**

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%202/2.6%20-%20SPLO/2.6.3/NEW%20BRIEF%20ANNUAL%20REPORT%202022-2023.docx">https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%202/2.6%20-%20SPLO/2.6.3/NEW%20BRIEF%20ANNUAL%20REPORT%202022-2023.docx</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

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

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

JCE is taking active measures to promote gender equity and providing all facilities required for the safety and security of girls and women staff in the campus.

- A sexual harassment committee is constituted to create awareness against harassment and Solve women related issues and complaints

JCE women cell is constituted to organize Women’s Empowerment programmes, Self- defence program for the

- women/girls of the college community and to conduct women’s day program.
- JCE has a women warden to take care of girls hostel.
- JCE has a women PED to take care of girls in sports
- Anti-Ragging committee monitors to ensure no ragging takes place to safeguard 1st year students.
- Purified drinking water is available in all the floors.
- Canteen offers food of good hygiene and there is a committee to ensure the same
- A Lady Doctor and lady nurse are available in campus
- Faculty accompany students when they go OFF campus like Industrial visit, Educational tour, sports, etc.,
- NSS & YRC officers take care in providing safety & security while going on week long camps.
- Faculty both teaching & non-teaching are provided counseling to maintain a balance between work & home.
- Common room is available in the campus for the women.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jerusalemengg.ac.in/naac-admin/AOAR/Criterion%207/7.1%20-%20IVSR/7.1.1/7.1.1%20-%20Annual%20Gender%20Sensitization%20plan.pdf">https://jerusalemengg.ac.in/naac-admin/AOAR/Criterion%207/7.1%20-%20IVSR/7.1.1/7.1.1%20-%20Annual%20Gender%20Sensitization%20plan.pdf</a>

<p><b>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</b></p>	<p><b>B. Any 3 of the above</b></p>
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File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

- Three Solid waste composting units are placed in the campus, one near the hostel and another near the canteen to compost the degradable solid kitchen wastes.
- The organic manure produced from the composting units are applied in the garden area to improve the soil fertility and liquid extract obtained are sprayed to protect the plants against harmful pests and insects.
- Every day all the academic buildings and other surrounding area in the campus are cleaned by out sourcing agency and they separate out waste and disposed accordingly.
- A sewage treatment plant (STP) is available inside the campus.
- Physical, chemical and biological processes are used to remove the contaminants in the STP and the treated water is used for watering the plants
- Once in a month the house keeping staff clear the stationeries and papers through outside agencies and Regarding e-waste - sincere efforts are taken to dispose devices, materials, Hard disc, copper wire, CD's and any other materials are collected in College and disposed off through outside agencies to keep ourselves safe.
- The Bio medical waste is carefully collected and stored in a separate bin and disposed off safely through the outsourced agencies.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks**

**B. Any 3 of the above**

**and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

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

**7.1.5 - Green campus initiatives include**

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

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

**A. Any 4 or All of the above**

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

**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:**

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

**A. Any 4 or all of the above**



File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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.**

**B. Any 3 of the above**

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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

The Student Council, which functions in the Institution, is completely managed by students. It organises a plenty of events and programmes for bringing out the innate talents in students and for promoting their leadership qualities and social skills. This Council conducts a variety of programmes to celebrate the various festivals and important days of South India namely, Pongal, Telugu New Year's Day, Onam and so on. Every year, the Student Council organizes a

Cultural Day to highlight secular values, communal harmony and social tolerance through skits, short films and so forth.

The NSS Unit at the Institution conducts Summer/Winter Camps in the neighbourhood and organizes several programs to raise public awareness about the issues that plague the society and to spread cordiality in the face of communal threats and socio-economic differences. The YRC Unit that functions in the Institution arranges various trips for students to spend a day in the Homes for the physically and mentally challenged people, Old Age Homes and the like.

Apart from them, various Clubs like Halcyon and Tamil Manram organise many activities and competitions to inculcate values and to make them conscious of their roles in uplifting the downtrodden, fighting against social ills.

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

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

The Institution has made it mandatory for each student to be a member of either NSS or YRC. This strategy is followed so as to inculcate the values, rights and responsibilities in the students and help them to be good and responsible citizens.

YRC Units of the Institution organize events and activities to transform the volunteers into caring citizens so that they can help the needy, to be concerned about the oppressed and the victimized and to have an opportunity to touch the lives of the needy and the helpless. Several important national days are celebrated with both solemnity and excitement. Every year, Independence Day is celebrated in the Institution by decorating the celebration area, hoisting the National Flag and by recalling the service and sacrifices made by the freedom fighters for liberating India from the British Rule. Likewise, Republic Day is celebrated every year on January 26 to honour the date on which the Constitution of India came into effect. The Day is celebrated in the Institution by flag hoisting, addresses

and distribution of sweets. National Voters Day is celebrated on 25 January every year in the Institution.

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

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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**

**A. All of the above**

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

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

**Independence Day and Republic Day are celebrated every year by decorating the function area, hoisting the National Flag and by delivering speeches to mark these occasions. Armed Forces Flag Day is observed and contributions are made towards the welfare of the Indian Armed Forces personnel by distributing flags to students. National Voters' Day is observed for building awareness among the new and the eligible voters about the importance of discharging their moral obligation to vote. Teachers' Day is celebrated by students to show their gratitude to the teachers by arranging**

various programmes to mark the day. National Science Day is commemorated by conducting exhibitions and competitions to celebrate the day. Mathematics Day is celebrated by conducting various programmes for students to showcase their talents and skills. The Institution pays rich tribute to the national leaders by celebrating their birth anniversaries. As A.P.J. Abdul Kalam is fondly remembered especially by the students for his vision for India, guidance for the youth.

To commemorate the international days, a variety of programmes are arranged on the occasions of Women's Day, Anti-Child Labour Day, World Health Day, World Environment Day, World Cancer Day and International Yoga Day.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

To establish entrepreneurship ecosystem, Jerusalem College of Engineering has established incubation facility by allocating 10000 sq. ft exclusively. The incubator includes fabrication lab, startup space, board room pre-incubator and entrepreneurship development cell.

The JCE incubator got approval for the MSME incubation centre with reference to the F. No 3(10)/Inc/7th PMAC/2020-21 dated 06.04.2021, JCE as host instituted participated in MSME Hackathon 1.0 and got funding of Rs. 35 Lakhs for 4 projects. In subsequent year, JCE participated in Hackathon 2.0 and got funding of Rs. 30 Lakhs for 2 projects. Recently, JCE has participated in MSME Hackathon 3.0 (Women) and submitted 34 projects.

JCE students and faculty members submitted proposals to EDII - TN and got approval and funded 6.35 lakhs during 2022-23 academic year. Students and faculty members are motivated to participate in the innovation hackathon conducted by govt. and private organizations.

MoU has been signed with many core and software industries. Through MoU, many activities has been carried out including internship, industry visit, in-plant training, guest lecture and skill development training.

JCE incubator has good network with many govt. and non-profit incubation centres.

File Description	Documents
Best practices in the Institutional website	<a href="https://jerusalemengg.ac.in/incubation/">https://jerusalemengg.ac.in/incubation/</a>
Any other relevant information	<a href="https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%207/7.2-%20BP/7.2.1/Activity%20-IIC%20JCE.pdf">https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%207/7.2-%20BP/7.2.1/Activity%20-IIC%20JCE.pdf</a>

### 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)

#### 1. Coding Club

##### Objective:

- To encourage students to study and practice programming in their areas of interest and how to solve difficulties by considering several needed points of view and to develop the skills to work independently and collaboratively on assignments.

##### Outcomes:

- Student's programming abilities in their disciplines or areas of interest will be improved, which enable Students to participate in events like Codeathons and Hackathons and finally Students will be placed in the software industry as a result of these club activities.

#### 2. Innovation Club

##### Objective:

- To create awareness, educate, nurture and inculcate a culture of innovation among students and to enable them to generate

new ideas and become more innovative.

**Outcomes:**

- Students technical thinking abilities in their areas of interest will be improved and which enable them to participate in events like Hackathons.

**3. Multimedia Club**

**Objective:**

- To encourage students to know the multimedia and animation world which allow them to combine photos, narration, animation and videos to create movies through different animation tools like Photoshop, coral draw etc.,

**Outcomes:**

- Students creativity skills is improved, which encourage them in the production of creative media messages and movies.

File Description	Documents
Appropriate link in the institutional website	<a href="https://jerusalemengg.ac.in/department/computer-science-engineering/">https://jerusalemengg.ac.in/department/computer-science-engineering/</a>
Any other relevant information	<a href="#">View File</a>

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

- Strengthen centres of excellence (CoE) for research in multidisciplinary areas
- Promote a multidisciplinary research culture
- Promote student and faculty exchange programme
- Enhance consultancy services to service sectors and industries