



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

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

| | | | | | |
|--|---|------------------|-----------------------------|-------------------|-------------------|
| • Financial Status | Self-financing | | | | |
| • Name of the IQAC Co-ordinator/Director | Dr. N.John Jebarathnam | | | | |
| • Phone No. | 04466199500 | | | | |
| • Mobile No: | 09444222534 | | | | |
| • IQAC e-mail ID | deaniqac@jerusalemengg.ac.in | | | | |
| 3.Website address (Web link of the AQAR (Previous Academic Year) | https://www.jerusalemengg.ac.in/ | | | | |
| 4.Was the Academic Calendar prepared for that year? | Yes | | | | |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://jerusalemengg.ac.in/academics/academiccalender.php | | | | |
| 5.Accreditation Details | | | | | |
| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
| Cycle 1 | B++ | 81.15 | 2005 | 21/09/2005 | 20/07/2010 |
| Cycle 1 | A | 3.14 | 2015 | 15/11/2015 | 14/11/2020 |
| Cycle 3 | A | 3.14 | 2020 | 15/11/2020 | 31/12/2024 |
| 6.Date of Establishment of IQAC | | | 23/09/2005 | | |
| 7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)? | | | | | |
| Institution/ Department/Faculty/School | Scheme | Funding Agency | Year of Award with Duration | Amount | |
| INSTITUTION | Human Capacity Building Programmes | DST-NCSTC | 03/10/2023 | 600000 | |
| 8.Provide details regarding the composition of the IQAC: | | | | | |
| • Upload the latest notification regarding the composition of the IQAC by the HEI | View File | | | | |

| | | |
|--|---|--|
| | | |
| 9.No. of IQAC meetings held during the year | 2 | |
| <ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? | Yes | |
| <ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report | No File Uploaded | |
| 10.Did IQAC receive funding from any funding agency to support its activities during the year? | No | |
| <ul style="list-style-type: none"> If yes, mention the amount | | |
| 11.Significant contributions made by IQAC during the current year (maximum five bullets) | | |
| <ul style="list-style-type: none"> Participated in NIRF-24 | | |
| <ul style="list-style-type: none"> Consolidation and submission of AQAR | | |
| <ul style="list-style-type: none"> Organized Faculty Development programme on Outcome based Education | | |
| <ul style="list-style-type: none"> MoU signed with International University | | |
| <ul style="list-style-type: none"> Organization of workshops, seminars on quality related themes and promotion of quality circles | | |
| 12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year: | | |
| Plan of Action | Achievements/Outcomes | |
| Planned to conduct French, German and Japanese classes | Conducted on Feb 2024 | |
| Planned to start MBA(Hostel Administration) programme | Got the approval from AICTE and established in 2024 | |
| Planned to submit NBA SAR for ECE, IT, MBA Departments | ECE and IT Departments are accredited by NBA | |
| 13.Was the AQAR placed before the statutory body? | Yes | |
| <ul style="list-style-type: none"> Name of the statutory body | | |

| | |
|--|--------------------|
| Name of the statutory body | Date of meeting(s) |
| Management & HODs | 20/11/2024 |
| 14. Was the institutional data submitted to AISHE ? | Yes |
| <ul style="list-style-type: none"> • Year | |
| Year | Date of Submission |
| 2023-24 | 02/02/2024 |
| 15. Multidisciplinary / interdisciplinary | |
| <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. 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 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</p> | |

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.

20.Distance education/online education:

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.

Extended Profile

| 1.Programme | |
|--|---------------------------|
| 1.1 | 15 |
| Number of programmes offered during the year: | |
| File Description | Documents |
| Institutional Data in Prescribed Format | View File |
| 2.Student | |
| 2.1 | 1661 |
| Total number of students during the year: | |
| File Description | Documents |
| Institutional data in Prescribed format | View File |
| 2.2 | 307 |
| Number of outgoing / final year students during the year: | |
| File Description | Documents |
| Institutional Data in Prescribed Format | View File |
| 2.3 | 2876 |
| Number of students who appeared for the examinations conducted by the institution during the year: | |
| File Description | Documents |
| Institutional Data in Prescribed Format | View File |
| 3.Academic | |
| 3.1 | 501 |
| Number of courses in all programmes during the year: | |
| File Description | Documents |
| Institutional Data in Prescribed Format | View File |
| 3.2 | 116 |
| Number of full-time teachers during the year: | |

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |
| 3.3 Number of sanctioned posts for the year: | 116 |
| 4.Institution | |
| 4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year: | 399 |
| 4.2 Total number of Classrooms and Seminar halls | 50 |
| 4.3 Total number of computers on campus for academic purposes | 720 |
| 4.4 Total expenditure, excluding salary, during the year (INR in Lakhs): | 71146790 |
| Part B | |
| CURRICULAR ASPECTS | |
| 1.1 - Curriculum Design and Development | |
| 1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution. | |
| <p>The curriculum under Regulation 2019 and 2023 of JCE was designed and developed by faculty of respective departments, ensuring that students get the required skills and by including the most recent technological developments in their respective domains. The curriculum for the 14 programmes offered by JCE were designed based on the following:</p> <ul style="list-style-type: none"> • Model Curriculum prescribed by AICTE • Curricular Structure of Anna University • Suggestions given by Industry experts, experts from Academia and Alumni | |

- Syllabus for competitive examinations such as GATE etc.
- Syllabus of reputed National and International institutions such as IITs, NITs, MIT(USA), Harvard(USA) etc.

The curriculum of each programme has a total of 160 credits. 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

| File Description | Documents |
|---------------------------------------|---|
| Upload additional information, if any | View File |
| Link for additional information | https://jerusalemengg.ac.in/images/Po-Cos.pdf |

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

12

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

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

411

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

1.2 - Academic Flexibility

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

148

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

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

15

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

1.3 - Curriculum Enrichment

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

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. NSS and YRC camps are organised in rural areas through which students get sensitised to real issues faced by society. Motivation and awareness on day today issues are given to people belonging to rural areas through medical and cultural camps.

Through these activities, the institution ensures that a student is not only technically strong at the end of his course but grows into a complete human being with good civic sense and healthy mind through which he can contribute to the development of the nation.

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

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

12

| File Description | Documents |
|--|---------------------------|
| List of value-added courses | View File |
| Brochure or any other document relating to value-added courses | View File |
| Any additional information | No File Uploaded |

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

| 1607 | |
|---|---|
| File Description | Documents |
| List of students enrolled | View File |
| Any additional information | View File |
| 1.3.4 - Number of students undertaking field work/projects/ internships / student projects | |
| 543 | |
| File Description | Documents |
| List of programmes and number of students undertaking field projects / internships / student projects | View File |
| Any additional information | View File |
| 1.4 - Feedback System | |
| 1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni | A. All 4 of the above |
| File Description | Documents |
| Provide the URL for stakeholders' feedback report | Nil |
| Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management | View File |
| Any additional information | View File |
| 1.4.2 - The feedback system of the Institution comprises the following | 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 | View File |

| TEACHING-LEARNING AND EVALUATION | |
|--|---------------------------|
| 2.1 - Student Enrollment and Profile | |
| 2.1.1 - Enrolment of Students | |
| 2.1.1.1 - Number of students admitted (year-wise) during the year | |
| 1661 | |
| File Description | Documents |
| Any additional information | View File |
| Institutional data in prescribed format | View File |
| 2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats) | |
| 514 | |
| File Description | Documents |
| Any additional information | View File |
| Number of seats filled against seats reserved (Data Template) | View File |
| 2.2 - Catering to Student Diversity | |
| 2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners. | |
| <p>Induction Program An Induction program is conducted in basic sciences, Mathematics and English. Experts from society are invited to make students aware on the existing social issues and ways and means to address them. Identification of students based on Performance Two Assessment tests are conducted in a semester. Students are identified as slow or advanced learners. Students scoring less than 60% of marks are identified as slow learners and the rest as advanced learners. Support for Slow Learners Slow Learners are encouraged and constantly motivated to improve their knowledge and skills through the following ways - i. Special remedial classes after college working hours are arranged where students can clear their doubts and practice by writing, in the presence of their faculty. ii. Choose NPTEL courses as Professional or Open electives which enables him/her to compete with other university students and avail credit transfer facility for the computation (GPA).</p> | |

Advanced Learners are encouraged to: iii.Learn Foreign Languages such as French, Japanese & German, through the Augmentation Cell of the Institution, to enable him/her to pursue his/her dreams of studying abroad iv.Crack exams such as GATE and Government Exams with the help of training programmes conducted by the Augmentation Cell of the Institution.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://jerusalemengg.ac.in/department/electronics-communication/students-corner.php |

2.2.2 - Student – Teacher (full-time) ratio

| Year | Number of Students | Number of Teachers |
|------------|--------------------|--------------------|
| 09/12/2024 | 1661 | 116 |

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

2.3 - Teaching- Learning Process

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

a. To provide Industry exposure for students, the following inclusions are made in the newly designed curriculum b.Real time applications has been introduced in syllabi of courses, wherever possible, with mini project for hands on experience. Integrated courses have been introduced to enable more practical exposure either in the laboratories. On an average around 30% of courses in the curriculum are under exper c.Through Value Added Programmes and Certificate Courses conducted by various companies, students are exposed to emerging technologies and become Industry ready. d.Experiential and project based study was introduced through Naan Mudhal Scheme. Students were exposed to experiential learning in industrial scenario and were made to learning. Hence in Regulation 2023 of JCE, Industry collaborated laboratories such as Gaming and Crafts Studio, Technology Sandbox, e - Protoshop, MERN Stack Development Laboratory, Computational Intelligence Laboratory and Product Development Laboratory are introduced in semesters 2, 4, 5

and 6 for the program to have better interaction working with them.

Students are encouraged to work in groups for effective learning such as involvement in i. Laboratory Activities ii. Group Discussions iii. Mini Projects and Final Year Project iv. Technical Club activities v. Symposiums vi. Professional Society activities, IIT PALs

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| Link for additional Information | https://jerusalemengg.ac.in/department/information-technology/ait-events.php |

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

Information and Communication Technology (ICT) tools are very powerful today as they bring more materials and resources for classroom interaction. ICT tools such as Interactive boards, Google classroom, power point presentations, video lectures, online quizzes and assignments etc are widely used by all faculty members.

Modern Tool Usage To provide audio-visual experience, videos by eminent academicians and NPTEL videos are played in classrooms. Students are encouraged to participate in online quizzes too. Online Assignments are given, to nurture their problem-solving skills. Online Courses Students are encouraged to choose NPTEL courses as their Professional or Open electives. This enhances students' learnability skills. Each student is given a mentor support to successfully complete the course. Credit transfer facility is also provided for his/her GPA calculation.

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 | https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%202/2.3%20-%20TLP/2.3.2/2.3.2%20-%20ICT-Vedio.mp4 |
| Upload any additional information | View File |

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

2.3.3.1 - Number of mentors

82

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

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

Each academic year is divided into two semesters - odd semester from July to December and even semester from January to June. Before the commencement of each semester during an academic year, a uniform academic calendar for all programs, is prepared by Dean Academics of the Institution, with a minimum of 75 working days and which specifies all important dates pertaining to various academic activities planned for the ensuing semester such as Commencement of Classes, Assessment Test Schedules, Parent Teacher Meet, common functions namely Symposium, International/National Conference, College day, Sports Day, Graduation day and the Last working Day of the semester. After approval from Principal, the academic calendar is then forwarded to all departments to incorporate their schedules of Class Committee Meetings, Industrial visits, Guest Lectures, Project Expo, Club activities, Hands on Workshops, Seminars etc. Based on the working days mentioned in the academic calendar, each faculty member prepares the lesson plan for the course he/she would be handling in the subsequent semester. A faculty member plans the order of units and dates on which the topics need to be taught. The number of periods allotted in the syllabus is adhered to, by the faculty members, while preparing the lesson plan.

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

2.4 - Teacher Profile and Quality

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

116

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

41

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

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

963

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

2.5 - Evaluation Process and Reforms

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

45

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

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

230

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

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

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 | View File |
| Paste link for additional Information | https://jerusalemengg.ac.in/coe.php |

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 dissiminated 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) | View File |
| Upload any additional information | View File |
| Link for additional Information | https://jerusalemengg.ac.in/images/Po-Cos.pdf |

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

The Course attainment is assessed through internal and external components. • Internal Component-The Internal Assessments are used as Internal tools for assessing Course attainment • External Component -The End semester examination is used as External tool for assessing Course attainment

1.Assessment tools for Course attainment (Internal) Following are the internal assessment tools • Assessment tests (Descriptive type) • Continuous assessments (Class tests, Assignments and activities) • Model examinations (for Laboratory course)

Assessment tests: Two assessment tests (descriptive type) are conducted for 50 marks every semester. Continuous assessments : Three components are involved in continuous assessments

Class test: 1.Class tests are theory-based examination conducted frequently for small portions covered during that period. Assignments: Assignments are given to evaluate abilities of students through Problem-solving ability, the latest technologies survey, case studies etc. Activity: Activities like viva voce, quiz, multiple choice questions, model making, research paper reading etc., are conducted.

2. Assessment tools for Course attainment (External) End semester descriptive type examination is conducted by the Controller Office for 100 marks. Blind valuation scheme is followed for the evaluation process. Results are declared and Grades are awarded based on the internal: external weightage as

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional Information | https://jerusalemengg.ac.in/images/Po-Cos.pdf |

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

302

| File Description | Documents |
|---|---|
| Upload list of Programmes and number of students appear for and passed in the final year examinations | View File |
| Upload any additional information | View File |
| Paste link for the annual report | https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%202/2.6%20-%20SPLO/2.6.3/6.5.1-ANNUAL%20DAY%20REPORT%202023%20-%202024%20(1).pdf |

2.7 - Student Satisfaction Survey

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

[https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion 2/2.7 - SSS/2.7.1/2.7.1-Student satisfactory survey \(12\).pdf](https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%202/2.7-SSS/2.7.1/2.7.1-Student%20satisfactory%20survey%20(12).pdf)

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

Our research policy provides a broad framework to guide scholarly research with the following objectives:

1. To identify research areas and specify research topics of

academic, practical and socially relevant significance

2. To create and promote a culture of research among the faculty, staff and students of Jerusalem Engineering College
3. To organize seminars/conferences/workshops on research topics and training programmes in research methodology.
4. To ensure quality, integrity and ethics in research.
5. To publish research material in appropriate media and to make available such published information to the end users.
6. To facilitate the publication of reports submitted by the research scholars
7. To bring about an annual/periodic compendium of papers presented by the staff and students in various seminars / conferences / workshops.
8. To serve as a facilitator providing professional guidance, technical support and recommendation for financial assistance
9. To encourage faculty members to submit project proposals to various government, Non-government funding agencies in order to seek the financial assistance in order to develop various projects suitable for social development.
10. To motivate the faculty and students to apply for patents for the research works carried out by them by conducting Special Training Program.

| File Description | Documents |
|--|---|
| Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption | View File |
| Provide URL of policy document on promotion of research uploaded on the website | https://jerusalemengg.ac.in/research&development/research-policy.php |
| Any additional information | View File |

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

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)**365250**

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

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year**46**

| File Description | Documents |
|---|---------------------------|
| e-copies of the award letters of the teachers | View File |
| List of teachers and details of their international fellowship(s) | View File |
| Any additional information | No File Uploaded |

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)****78.13**

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

3.2.2 - Number of teachers having research projects during the year

15

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional Information | https://jerusalemengg.ac.in/research&development/funded_projects.php |
| List of research projects during the year | View File |

3.2.3 - Number of teachers recognised as research guides

16

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

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

10

| File Description | Documents |
|---|---|
| Supporting document from Funding Agencies | View File |
| Paste link to funding agencies' website | https://jerusalemengg.ac.in/research&development/funded_projects.php |
| Any additional information | No File Uploaded |

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.

The Incubator status was approved during the 7th meeting of Project Monitoring & Advisory Committee (PMAC) held on 25.03.2021. Host

Institutions (HI) explore the new innovative ideas from the Incubatee of various sectors which may be entrepreneurs or students from the any streams

Functions of the Incubator are mentioned below:

- Open to MSMEs, Indian startups, Indian Companies, Students/ Developers/ Professionals/ Community members
- Students of undergraduate and graduates of professional courses as well as Researchers has privilege to use the incubator and submit ideas.
- Supporting the innovative competitions and contests.
- MSME announced hackathon support
- The Selected start-up company / Incubate will be hosted and seeded in the incubator for a period of 1 year, for which a part of the grant will be utilized.

Institute support

- Encourage students to setup startup while studying
- motivate students to earn credit for working on innovative prototypes/business Models
- Allow student to take a semester break/year to work on their startup
- Allow the students to use the address of Hostel (or) pre-incubation and (or) incubation unit to register their venture while studying
- Allot mentors to support the students from innovative idea generation to startup

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://jerusalemengg.ac.in/incubation/IIC.php |

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

72

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

3.4 - Research Publications and Awards

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

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 | View File |
| Any additional information | View File |

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

3.4.2.1 - Number of PhD students registered during the year

55

| File Description | Documents |
|--|---|
| URL to the research page on HEI website | https://jerusalemengg.ac.in/research&development/r&d.php |
| List of PhD scholars and details like name of the guide, title of thesis, and year of registration | View File |
| Any additional information | View File |

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

72

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

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

37

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

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

3.4.5.1 - Total number of Citations in Scopus during the year

900

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Bibliometrics of the publications during the year | View File |

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

3.4.6.1 - h-index of Scopus during the year

28

| File Description | Documents |
|--|---------------------------|
| Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution | View File |
| Any additional information | No File Uploaded |

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)****2227000**

| File Description | Documents |
|--|---------------------------|
| Audited statements of accounts indicating the revenue generated through consultancy and corporate training | No File Uploaded |
| List of consultants and revenue generated by them | View File |
| Any additional information | View File |

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year**800000**

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

The extension activities carried out in the neighbourhood over the course of the year had a profound impact on the holistic development of students. They were sensitized to a variety of social issues, ranging from environmental concerns to mental health and social inclusion. Through hands-on engagement, students not only developed

essential life skills but also cultivated a deeper sense of empathy and social responsibility.

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.

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.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://jerusalemengg.ac.in/campus-life/nss-report-23-24.php |

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

2

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

27

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

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year**3865**

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

3.7 - Collaboration**3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work****547**

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

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)**26**

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

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.

The institution has adequate infrastructure and physical facilities for teaching and learning. The class rooms are equipped with LCD projectors and necessary teaching aids for effective teaching and learning process. Availability of well-equipped laboratories for courses in science, engineering, IT, and other technical disciplines. Labs should provide access to the necessary instruments, equipment, and consumables. High-speed internet access in classrooms, labs, and other common areas to facilitate research, digital learning, and communication. Clean, accessible washrooms and facilities for people with disabilities. A well-stocked library with textbooks, reference books, journals, and periodicals related to the subjects taught. Access to e-books, online journals, and research databases (e.g., IEEE, Springer, JSTOR) for students and faculty.

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. Clean, accessible washrooms and facilities for people with disabilities. All facilities should be regularly maintained to avoid breakdowns or unsafe conditions. The entire campus should be clean and well-maintained to ensure a healthy learning environment.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://jerusalemengg.ac.in/department/biomedical-engineering/infrastructure.php |

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

Jerusalem provides such an environment which facilitates optimal efficiency and effectiveness for the emerging dynamic engineers. We ensure best sporting facilities to groom the enormous potential lying hidden among the students. The college has attained quite a reputation in sports activities by winning several prestigious

tournaments conducted in various levels.

There are sufficient numbers of atriums, conference halls, auditoriums, amphitheaters for organizing cultural, literary and indoor sports 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.

| File Description | Documents |
|---------------------------------------|---|
| Geotagged pictures | View File |
| Upload any additional information | View File |
| Paste link for additional information | https://jerusalemengg.ac.in/campus-life/sports.php |

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

43

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

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

40094890

| File Description | Documents |
|--|---------------------------|
| Upload audited utilization statements | No File Uploaded |
| Details of Expenditure, excluding salary, during the years | View File |
| Any additional information | View File |

4.2 - Library as a Learning Resource

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

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.

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 | View File |
| Paste link for additional information | https://jerusalemengg.ac.in/facilities/library.php |

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

A. Any 4 or more of the above

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

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

1113753

| File Description | Documents |
|---|---------------------------|
| Audited statements of accounts | No File Uploaded |
| Any additional information | View File |
| Details of annual expenditure for purchase of books/e-books and journals/e-journals during the year (Data Template) | View File |

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

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

803

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

4.3 - IT Infrastructure

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

The 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 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 . The campus has integrated software for various administrative and academic activities.

All the computers are connected to uninterrupted power supply for safe operations and security is also ensured due to the usage of hardware firewall-1 and router-1. The various other computing facilities like printers, software, database, Wi-Fi networking caters to all the labs and departments for the benefit of faculty and students.

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. 1.25crore and utilized Rs. 1.0crore for augmenting IT infrastructure in the campus.

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

4.3.2 - Student - Computer ratio

| Number of Students | Number of Computers |
|--------------------|---------------------|
| 1661 | 720 |

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

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

A. 750 Mbps

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

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

B. Any three of the above

| File Description | Documents |
|--|---|
| Upload any additional information | View File |
| Paste link for additional information | https://jerusalemengg.ac.in/academics/digital-resources.php |
| List of facilities for e-content development (Data Template) | View File |

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

40094890

| File Description | Documents |
|-----------------------------------|---------------------------|
| Audited statements of accounts | No File Uploaded |
| Upload any additional information | View File |

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

Our Institution has well-established systems and procedures for maintaining and utilizing their physical, academic, and support facilities. These systems ensure that facilities are managed efficiently, remain in good condition, and are utilized to their maximum potential

Class room maintenance: Regular cleaning, repairing furniture (desks, chairs), ensuring proper lighting and ventilation, and keeping technology like projectors and whiteboards in working order.

Laboratory Maintenance: Labs often require strict safety and cleanliness protocols, particularly in science and engineering fields. Regular checks are performed on equipment, chemicals, and safety gear (like goggles, gloves, and fire extinguishers). Laboratory spaces are generally scheduled for practical sessions, experiments, or research work. Proper scheduling is vital to ensure that space and equipment are available when needed, especially if resources are shared between different departments or courses.

Sports complexes require ongoing upkeep to maintain playing fields, courts, gymnasiums, fitness equipment, and changing rooms. This includes repairs, cleaning, and ensuring safety standards are met (e.g., non-slip floors, proper lighting, and safety equipment). IT facilities require regular updates, software installations, hardware checks, and cybersecurity protocols. This is often managed by System administrator, which ensures that all equipment is functional and secure..

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| 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

358

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

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

106

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

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

A. All of the above

| File Description | Documents |
|---|---|
| Link to Institutional website | https://jerusalemengg.ac.in/campus-life/nss.php |
| Details of capability development and schemes | View File |
| Any additional information | View File |

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

237

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

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

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 | View File |
| Details of student grievances including sexual harassment and ragging cases | View File |
| Upload any additional information | View File |

| | |
|--|---------------------------|
| 5.2 - Student Progression | |
| 5.2.1 - Number of outgoing students who got placement during the year | |
| 151 | |
| File Description | Documents |
| Self-attested list of students placed | View File |
| Upload any additional information | View File |
| 5.2.2 - Number of outgoing students progressing to higher education | |
| 10 | |
| File Description | Documents |
| Upload supporting data for students/alumni | View File |
| Details of students who went for higher education | View File |
| Any additional information | View File |
| 5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year | |
| 5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year | |
| 7 | |
| File Description | Documents |
| Upload supporting data for students/alumni | View File |
| Any additional information | View File |
| 5.3 - Student Participation and Activities | |
| 5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year | |
| 75 | |

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

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

Jerusalem College of Engineering has formed the practice of electing a student council each year, providing an opportunities to students to grow and explore their creativity and responsibility. The student council consist of a group of student volunteers who collaborate with the staff members and senor officials to organize college events such as symposium and cultural fests. In addition to the college level student council, all the departments have student council office bearers for their association activities. Each Department's Association is led by student as president with a group of office bearers under the guidance of faculty coordinator of the association. Events like Guest lectures, Industrial visits, workshops, technical symposiums, technical fest, placement and training programmes are planned and coordinated by the student associations' as perthe suggestions received from the students and faculty from time to time.

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 harassmnet committee handles the gender related complaints with the involvement of students.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://jerusalemengg.ac.in/department/computer-science-engineering/coding-club.php |

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

33

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

5.4 - Alumni Engagement

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

Alumni Association of Jerusalem College of Engineering was registered under the act of Tamil Nadu Societies Registration. This provides a platform that helps Alumni maintain connection with the college and fellow graduates. 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. 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.. These activities are quite motivational and create enthusiasm among children resulting in awareness related to importance of education among poor children.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional Information | https://jerusalemengg.ac.in/alumni/alumni.php |

5.4.2 - Alumni's financial contribution during

D. 2 Lakhs - 5 Lakhs

| the year | |
|--|---|
| File Description | Documents |
| Upload any additional information | View File |
| GOVERNANCE, LEADERSHIP AND MANAGEMENT | |
| 6.1 - Institutional Vision and Leadership | |
| 6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution | |
| <p>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. To follow the same, various committees are formed which look after academic and administrative activities which lead to the realization of vision and mission of the Institute.</p> <p>Each Department Head holds regular meetings with their respective teaching and non-teaching staff members. The views of all staff are often considered before making decisions. The Principal meets all staff periodically to discuss and decide on issues that concern the whole college.</p> | |
| File Description | Documents |
| Upload any additional information | View File |
| Paste link for additional Information | https://jerusalemengg.ac.in/about-us/vision-mission.php |
| 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 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, faculty and management representatives plays an active role in formulating various hostel policies leading to the comfort of inmates.

Class In charge and academic coordinator of each department ensures continuous conduction of practical and lecture of respective class prepares students list, does result analysis and syllabus coverage once in every month.

The Departmental Academic coordinator informs for the extra classes for weak and poor students for their academic improvement. At end of semester the Academic members visits every department and check outs the continuous assessment sheet, Theory and practical attendance sheet of every subjects.

| File Description | Documents |
|---|---|
| Upload strategic plan and deployment documents on the website | View File |
| Upload any additional information | View File |
| Paste link for additional Information | https://www.jerusalemengg.ac.in/pdf/Strategi_c%20Plan%202024-29.pdf |

6.2 - Strategy Development and Deployment

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

The institution's Strategic/Perspective Plan has been clearly articulated and effectively implemented, providing a comprehensive roadmap for its growth and development over the coming years. The plan is built around key objectives aimed at enhancing academic

excellence, fostering innovation and promoting student well-being. It outlines a clear vision for integrating technology in education, strengthening research capabilities, and ensuring that the institution remains responsive to the evolving needs of society and the job market.

Through continuous monitoring and evaluation, the institution ensures the successful execution of the plan, with periodic assessments of progress and adjustments as needed. The strategic initiatives include the adoption of advanced teaching methodologies, the expansion of digital learning platforms, and the integration of industry-relevant skills in the curriculum. Additionally, the plan places a strong emphasis on fostering collaborations with national and international academic institutions, research bodies, and industry partners.

Key components of the plan also focus on faculty development, the enhancement of student support services, and the establishment of a sustainable campus environment. Through this holistic approach, the institution aims to cultivate an environment that not only enhances academic performance but also encourages innovation, leadership, and social responsibility among its students and faculty.

| File Description | Documents |
|--|---|
| Strategic Plan and deployment documents on the website | View File |
| Paste link for additional information | https://www.jerusalemengg.ac.in/pdf/Strategi_c%20Plan%202024-29.pdf |
| Upload any additional information | No File Uploaded |

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 functioning of various institutional bodies is characterized by a high degree of effectiveness and efficiency, as evidenced by their well-established policies, administrative structures, appointment and service rules, and procedural frameworks. These elements work cohesively to ensure smooth operations, clear accountability, and a streamlined approach to decision-making. The policies set the strategic direction, while the administrative set-up provides the necessary organizational framework to implement those policies. Appointment and service rules are designed to ensure fair and transparent recruitment, training, and career progression,

maintaining a skilled workforce. Additionally, the well-defined procedures ensure that all actions are carried out in an orderly and consistent manner, minimizing delays and enhancing overall institutional performance.

The performance of faculty are assessed based on University results, Lecture notes, Feedback, Commitment to profession, Publication, FDP/Workshop - organized/attended, receipt of Funded projects, Lectures delivered, Membership in professional bodies, .

Promotion to higher level of service shall be made subject to availability of the posts, eligibility of the staff, only on the basis of merit and efficiency, besides the commitment of the staff to the cause of all-round development of the academic life in the institution.

| File Description | Documents |
|---|---|
| Paste link to Organogram on the institution webpage | https://jerusalemengg.ac.in/naac-admin/AQAR/Criterion%206/6.2%20-%20SDD/6.2.2/organizational%20chart.jpg |
| Upload any additional information | View File |
| Paste link for additional Information | https://www.jerusalemengg.ac.in/pdf/Human%20Resources%20Policy.pdf |

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

A. All of the above

| File Description | Documents |
|---|---------------------------|
| ERP (Enterprise Resource Planning) Documen | View File |
| Screen shots of user interfaces | View File |
| Details of implementation of e-governance in areas of operation | View File |
| Any additional information | No File Uploaded |

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

The following are the service benefits and welfare measures extended to the staff of the college. .In the event of death of an employee while in service , an amount of Rupees 10,000/- i.e. granted to the dependants of the deceased employee, towards funeral. The management grants maternity leave to the women employees, with pay for a period of 90 days and limited to the first two living children. Educational loan for higher studies Grant of Rs 5000 /- for marriage and for the first child for the supporting staff. Medical Insurance Scheme Interest free loans for emergency. Tuition fee waiver for children of employee. Refreshment to all faculty and staff. Free breakfast and lunch for drivers. Free holiday trip for staff. Ayudha pooja and diwali gifts. In the event of death of an employee, while in service his/her dependant will be considered for employment on compassionate grounds, depending upon the merit of the case, limited to the cadre Junior Assistant, subject to eligibility of the individual concerned and the availability of vacant post. All the members of staff are covered under Employment Provident Fund Scheme as per the act, according to which persons drawing upto Rs 6,500/- per month are covered.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.jerusalemengg.ac.in/pdf/Human%20Resources%20Policy.pdf |

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

22

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

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

10

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

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

182

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

6.4 - Financial Management and Resource Mobilization**6.4.1 - Institution conducts internal and external financial audits regularly**

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 - 2024.

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.

| 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)

141500

| File Description | Documents |
|---|---------------------------|
| Annual statements of accounts | No File Uploaded |
| Details of funds / grants received from non-government bodies, individuals, philanthropists during the year | View File |
| Any additional information | View File |

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

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 | View File |
| Paste link for additional Information | https://jerusalemengg.ac.in/research&development/funded_projects.php |

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:

- Signed an MoUs with International Universities
- Organized a Faculty Development programme titled "CO-PO attainment"
- Participated in NIRF.
- Obtained accreditation from NBA for B.E.(ECE), B.Tech(IT) Programmes
- Regular internal academic audits: Twice in a year
- 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:

- Faculty members are encouraged to publish papers in the journals indexed in SCI, SCOPUS, and web of science databases.
- Five Patents are Granted.
- Refined and adopted OBE across the departments

- More than 50 active MOUs with industry and academia to create awareness and training with updated technology
- More no of research projects are approved by various funding agency
- 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
- FDPs on Research Awareness for faculty
- MOU with National Institutes and International Universities
- Conduction of Remedial Coaching
- Strong proctorial System
- Organizing Alumni meet
- Organizing workshops and Conclaves for students
- Organizing co-curricular and extracurricular events and activities
- Promoting sports and healthy lifestyle

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://jerusalemengg.ac.in/research&development/r&d.php |

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

The institution conducts periodic reviews of its teaching-learning process, operational structures, methodologies, and learning outcomes to ensure continuous improvement and alignment with quality standards. These reviews are carried out through the Internal Quality Assurance Cell (IQAC), which plays a crucial role in assessing the effectiveness of current practices, identifying areas for enhancement, and ensuring that the institution meets established academic and operational norms.

Before the commencement of each semester during an academic year, a uniform academic calendar for all programs, is prepared by Dean Academics of the Institution, with a minimum of 75 working days and which specifies all important dates pertaining to various academic activities planned for the ensuing semester such as Commencement of Classes, Assessment Test Schedules, Parent Teacher Meet, common

functions namely Symposium, International/National Conference, College day, Sports Day, Graduation day and the Last working

Class Committees are regularly conducted with students to take feedback and appropriate steps are taken to enhance the teaching-learning process. Feedback from students is also taken individually by teachers for their respective courses directly through IQAC. Feedback is properly analyzed and shared with the Principal and HODs and individual faculty members. The teaching-learning processes are reviewed, and improvements implemented, based on the IQAC recommendations.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.jerusalemengg.ac.in/pdf/Acadmic%20Audit.pdf |

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 | https://jerusalemengg.ac.in/naac-admin/AOAR/Criterion%202/2.6%20-%20SPLO/2.6.3/6.5.1-ANNUAL%20DAY%20REPORT%202023%20-%202024%20(1).pdf |
| Upload e-copies of accreditations and certification | View File |
| Upload details of quality assurance initiatives of the institution | View File |
| Upload any additional information | View File |

INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities****7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year**

Institutions play a vital role in promoting gender equity through various measures aimed at addressing gender disparities. These measures often include implementing policies that ensure equal opportunities for all genders in education, employment, and leadership roles. Institutions may introduce diversity training and awareness programs to educate staff and students about gender biases, stereotypes, and unconscious prejudices. They can also establish support systems, such as mentorship programs, career development initiatives, and counseling services, to encourage the participation and advancement of women and other marginalized genders. Ensuring the representation of women and gender minorities in decision-making bodies is also crucial, fostering inclusive leadership. Regular monitoring and the collection of data related to gender participation and outcomes help to evaluate progress. Through these and other strategies, institutions contribute to creating an equitable environment where all genders have equal access to opportunities and resources.

- JCE women cell is constituted to organize Women's Empowerment programmes, Self- defence program .
- Anti-Ragging committee monitors to ensure no ragging takes place to safeguard the students.
- Faculty both teaching & non-teaching are provided counseling to maintain a balance between work & home.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional Information | https://jerusalemengg.ac.in/campus-life/anti-ragging.php |

**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**

A. Any 4 or All of the above

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

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

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 | View File |
| Geotagged photographs of the facilities | View File |
| Any other relevant information | View File |

| | |
|---|-------------------------------------|
| 7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus | A. Any 4 or all of the above |
| File Description | Documents |
| Geotagged photographs / videos of the facilities | View File |
| Any other relevant information | View File |
| 7.1.5 - Green campus initiatives include | |
| 7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 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 | View File |
| Various policy documents / decisions circulated for implementation | View File |
| Any other relevant documents | No File Uploaded |
| 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: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards | A. Any 4 or all of the above |

5. Beyond the campus environmental promotional activities

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

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

B. Any 3 of the above

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

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

Our institution 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. To address socio-economic disparities, institutions provide financial aid programs, scholarships, and grants designed to support students from underprivileged backgrounds. These initiatives help level the playing field, ensuring that students, regardless of their socio-economic status, have access to the same opportunities for education and personal growth.

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

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

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 | View File |
| Any other relevant information | View File |

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

A. All of the above

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

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

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 | View File |
| Geotagged photographs of some of the events | View File |
| Any other relevant information | View File |

7.2 - Best Practices

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

Jerusalem College of Engineering (Autonomous) established Institution's Innovation Council .

IC-JCE Support

- Allow students to setup startup while studying
- Allowing students to earn credit for working on innovative prototypes/business Models
- Allow student to take a semester break/year to work on their startup
- Allow the students to use the address of Hostel (or) pre-incubation and (or) incubation unit to register their venture while studying

- Allot mentors to support the students from innovative idea generation to startup
- Help in market survey
- Train the students to gain administrative skills
- Introducing angel investors and venture capital J

JCE BUSINESS INCUBATOR COUNCIL (JCEBIC)

Established by Jerusalem College of Engineering as a Section Eightcompany to implement and realise the objectives of creating startup eco system in college campus.

The main focus of JCEBIC will focus on imparting entrepreneurship knowledge, provide technology solutions, addressing social relevant problems and enabling eco-system for entrepreneurship.

- Provide physical infrastructure such as co-working space, uninterruptable power, interdisciplinary lab facility, and computing & internet facility to motivate the young entrepreneur.
- Motivate students, alumni, faculty & staff members of parent institution and people around the college to plan for startup through entrepreneurial talks and awareness.

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://jerusalemengg.ac.in/incubation/msmeapproved.php |
| Any other relevant information | https://jerusalemengg.ac.in/incubation/edii.php |

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)

The institution has made exceptional progress in advancing research and innovation, which stands as a key priority.

The institution has seen a significant increase in research publications in high-impact journals, with faculty and students contributing to projects that have potential applications in real-world industries. Additionally, the college has secured multiple patents for innovative technologies developed within these research

centers.

To further support innovation, the institution launched a startup incubation center, providing mentorship and resources to students and faculty looking to translate their research into marketable solutions. This has resulted in several successful startups, attracting investment and attention from the broader tech community.

The Intellectual Property Rights (IPR) Cell is focused to recognize the importance of generation of intellectual property by its faculty members and students. The cell encourages the creativity and innovations of its people which lead to generation of Intellectual Property (IP). The cell is committed to support and guide the students and faculty members in protecting their innovative and creative ideas.

| File Description | Documents |
|---|---|
| Appropriate link in the institutional website | https://jerusalemengg.ac.in/research&development/ipr.php |
| Any other relevant information | View File |

7.3.2 - Plan of action for the next academic year

1. Organize regular faculty development programs focused on new teaching methodologies, research advancements, and technical skills.
2. Strengthen research collaborations with industry and academic institutions to foster innovation.
3. Increase the number of research publications and patents in reputed journals
4. Strengthen industry-academia collaborations to provide students with real-world exposure through internships and live projects.
5. Increase sustainability efforts on campus by introducing energy-efficient solutions, waste management programs, and green buildings.