



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	JERUSALEM COLLEGE OF ENGINEERING
Name of the head of the Institution	Dr.S.Prince Arockia Doss
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04466199500
Mobile no.	9444021656
Registered Email	jerusalemengg@gmail.com
Alternate Email	param.d2011@gmail.com
Address	Velachery Main Road, Narayanapuram, Pallikaranai, -600 100
City/Town	Chennai
State/UT	Tamil Nadu
Pincode	600100

2. Institutional Status																									
Autonomous Status (Provide date of Conformant of Autonomous Status)	03-May-2019																								
Type of Institution	Co-education																								
Location	Urban																								
Financial Status	Self financed																								
Name of the IQAC co-ordinator/Director	Dr. D.Parameswari																								
Phone no/Alternate Phone no.	04466199500																								
Mobile no.	7299677284																								
Registered Email	jerusalemengg@gmail.com																								
Alternate Email	param.d2011@gmail.com																								
3. Website Address																									
Web-link of the AQAR: (Previous Academic Year)	http://www.jerusalemengg.ac.in																								
4. Whether Academic Calendar prepared during the year	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.jerusalemengg.ac.in																								
5. Accrediation Details																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B++</td> <td>81.15</td> <td>2005</td> <td>21-Sep-2005</td> <td>20-Sep-2010</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.14</td> <td>2015</td> <td>15-Nov-2015</td> <td>14-Nov-2020</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B++	81.15	2005	21-Sep-2005	20-Sep-2010	2	A	3.14	2015	15-Nov-2015	14-Nov-2020
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
1	B++	81.15	2005	21-Sep-2005	20-Sep-2010																				
2	A	3.14	2015	15-Nov-2015	14-Nov-2020																				
6. Date of Establishment of IQAC	23-Sep-2005																								
7. Internal Quality Assurance System																									
Quality initiatives by IQAC during the year for promoting quality culture																									
Item /Title of the quality initiative by IQAC	Date & Duration			Number of participants/ beneficiaries																					
No Data Entered/Not Applicable!!!																									

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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View Uploaded File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

1.Obtained autonomous status

2.Participated in NIRF 2019.

3. Applied for four New Courses

4.Consolidation and submission of AQAR

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action

Achivements/Outcomes

Autonomous status	Obtained Autonomous status from UGC.
NBA accreditation	Obtained accreditation from NBA for B.E.(BME),B.E(CSE) and B.E(ECE) Programmes
New Programmes	Institution has got approval from Anna University to start two New Programmes
Skill Development Courses	To provide skill based education, proposals submitted to UGC under NSQF Scheme
Outcome based Syllabus	Workshops/Faculty development programs are conducted for Faculty members
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Management	23-Apr-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
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Date of Visit	03-May-2019
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2020
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Date of Submission	18-Feb-2020
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17. Does the Institution have Management Information System ?	No
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Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with	Programme	Date of Introduction	Course with Code	Date of Introduction
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Code	Specialization		
No Data Entered/Not Applicable !!!			
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Biomedical Engineering	03/07/2019
BE	Civil Engineering	03/07/2019
BE	Computer Science and Engineering	03/07/2019
BE	Electrical Electronics and Engineering	03/07/2019
BE	Electronics and Communication Engineering	03/07/2019
BE	Electronics and Instrumentation Engineering	03/07/2019
BTech	Information Technology	03/07/2019
ME	Applied Electronics	03/07/2019
ME	Computer Science and Engineering	03/07/2019
ME	Power Electronics and Drives	03/07/2019
ME	Construction Engineering and management	03/07/2019
ME	Software Engineering	03/07/2019
MBA	Master of Business Administration	03/07/2019

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships

No Data Entered/Not Applicable !!!

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

• Feedback collected from students through class committee meeting and suggestions are analyzed which helps in improving the quality of teaching and learning. • The score obtained in the feedback is taken as a part in the faculty appraisal (the faculty submits appraisal form for once in a year). The total score obtained by the faculty for an academic year is taken as a criterion for the award of Best Teacher (Best Teacher Award is given during college day. • Feedback from alumni is collected every year and their suggestions are incorporated in revising Programme Educational Outcome (PEO). • Feedbacks from parents are collected periodically about the academic environment, academic standard and overall development and progress of the student. • Feedback from recruiters is obtained at the end of their recruitment process. This is used for improving the employability skills of the students

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1045	57	120	22	10

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
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	Resources)				
152	152	Nil	40	10	Nil
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

A well structured proctor system is established in the Institution: • A proctor is deputed for every 15 to 20 students and they will continue to be the advisor for the particular student till he completes his course by monitoring the growth of the students and their academic needs, giving general counselling etc. • Parent-teacher meeting is conducted twice every semester to convey the academic progress and to uplift the parent –teacher-student relationship. • The proctor is constantly in touch with the parent/guardian of the respective students through phone calls and text messages. • Proctor maintains the complete profile of the students to monitor the growth of the students. • The proctor also participates in personal counselling to help students to chalk out academic roadmaps for themselves to acquaint them with various career options and to address problems related to stress, anxiety, examination phobia, peer pressure and adjustment to changed environment. • A professional Counsellor from outside the institution has been deputed for some needy students to give intensive counselling.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1112	152	1:7

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
33	33	0	33	3

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
384	2859	13.4

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://jerusalemengg.ac.in/images/Po-Cos.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://forms.gle/uwesXjXYZfy9Wr7u8>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Nil
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr.G.Geetha	Young Women	03/07/2019	WOSC Scientist Kiran IPR
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies

during the years

1

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
BME	1
CIVIL	4
CSE	3
EEE	3
ECE	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	25	35	52	86
Presented papers	22	43	56	59
Resource persons	4	12	25	28
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
No Data Entered/Not Applicable !!!			
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NSS	Best NSS Volunteer Award	ANNA UNIVERSITY	1
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				
View File				

3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
130	98

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
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Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
No file uploaded.	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Auto Lib Software	Fully	5.1	2008

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	624	30	30	1	1	10	10	50	40
Added	15	13	1	0	0	0	2	0	40
Total	639	43	31	1	1	10	12	50	80

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
AUDIO-VISUAL CENTER	http://jerusalemengg.ac.in

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
150	111	100	95

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

<p>An established systems and procedures are in existence for maintaining and utilizing physical, academic and support facilities - laboratory, library, computers, classrooms, etc. Also, several personnel are available for maintaining the infrastructure such as buildings, transport, furniture, lift, fire fighting equipments, water treatment plants, organic waste converter, sewage treatment plant and generators, etc. Separate Complaint registers were maintained for various services like electrical, plumbing, housekeeping etc. In addition, AMC are provided with reputed companies for maintaining the physical, academic and support facilities.</p>
http://www.jerusalemengg.ac.in

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Scholarship / Concession	38	1461000
Financial Support from Other Sources			
a) National	SC/ST/BC/MBC	590	3483118
b) International	Nil	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive	Number of benefited students by career	Number of students who have passed in the comp. exam	Number of students placed
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		examination	counseling activities		
No Data Entered/Not Applicable !!!					
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	3

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The institution has a Student Council The student council members help the Institution authorities to maintain discipline among the students. They play a vital role in organizing co-curricular and extracurricular activities. Representation of students on academic and administrative bodies/committees of the institution ? Student council ? Department association ? Class committee ? Sports Committee ? Hostel committee ? Alumni Committee ? Women cell ? Antiragging committee ? NSS YRC ? Library Committee ? IQAC

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

5.4.2 – No. of registered Alumni:

1500

5.4.3 – Alumni contribution during the year (in Rupees) :

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

Meetings/Activities: x Institute conducts alumni meet every year. X Invites alumni to give the guest lecturers interact with students to enhance the knowledge skills of the students. x The alumnus helps in bringing industries and companies for campus placements and provides employment opportunities to the students. x As few members of the alumni are entrepreneurs, they play an important role in motivating the students to become entrepreneurs through the ED Cell of the College.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The college has a solid mechanism for delegating authority at all levels of the institutional hierarchy which empowers the individual participation starting from Principal to students of the college. The college operates independently under the guidance of Governing Council comprises of renowned Professors as its members. Principal is the main authority of the college working under Chief Executive Officer who is Chairman of the governing council member. Principal has delegated his powers to Heads and in-charges of the departments, Administration, Librarian, Physical Education director, IQAC, NSS officer, Training and Placement Officer and Exam cell coordinators who are the representative members of Academic Council. They meet once in a month to decide upon various activities and effective functioning of the college. Heads of the departments are empowered to individually plan their activities such as subject allocation, purchase and maintenance of equipment and consumables, organizing conferences, symposia, guest lectures, workshops, value added courses and training for the placement aspirants. They also recommend necessary industrial visits, in-plant trainings, internships and MoUs. Laboratories are led by independent lab-in charges who are faculty members of the department, who will take care of the maintenance, purchase and service. Participative management is enhanced through the organization of various committees, department associations, co-curricular and extracurricular activities which are led by individual heads and in-charges. Students are also involved in the organization of associations.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	<p>Statutory bodies such as the Board of studies (BoS) of all departments, Academic Council (AC) and Governing Council (GC) were reconstituted as per UGC norms. Regulations 2019 for both UG PG programmes were formulated to be followed by UG PG students admitted from the academic year 2019-20 onwards. These regulations were placed before the Academic Council and Governing Council and approval was obtained. The Curriculum for UG PG programmes and syllabi of core-courses, professional electives open electives were prepared by each department and approval was obtained from their BoS, AC and finally from the GC. Some of the courses were revised and new courses in emerging topics in the respective field of study were included in the new curriculum. Nearly, 20 of topics were included in syllabi of each fundamental course. This Curriculum under R2019 is currently being followed by all students of JCE admitted from the academic year 2019-20 onwards.</p>
Teaching and Learning	<ul style="list-style-type: none">• Lesson plan and lecture notes are prepared by each faculty member before the course delivery and will be evaluated by the Department Academic coordinator, HOD, Academic dean and Principal.• Smart Classrooms and Google class rooms are used to deliver enhanced and effective teaching• Webinar classes and NPTEL video lectures are used effectively• Tutorial hours are included in the class time table for analytical subject• Inculcating practical knowledge on concepts through industrial visits and case studies.• Encouraging the students to give technical seminars.• Assignments are given to improve their analytical skills.• Some of the strategies followed by our instructors are: Mind map, Fish bowl, Google it, Quiz, Logic or concept hunt, Technical connections, Role play, cue card.
Examination and Evaluation	Conduction of end semester theory

examinations: • Examination 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. • The examination time table is prepared for each branch of study and 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 answer scripts collected at the end of each session are shuffled and random numbers are assigned. • 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. End semester practical examinations: • Set of question papers prescribed by the Chairman of various boards are forwarded to the concerned departments • The examinations are conducted by having an internal and an external examiner. Result processing and publication of result: • Having collected the continuation internal assessment marks through Dean-Academics and with the end semester examination marks, the result processing is done in accordance with the prescribed clauses in the appropriate regulations. • Result passing board meeting with a representative from the affiliating university (Anna University, Chennai) along with various other members is conducted. • The result is then published.

Research and Development

• The Research and Development Cell encourages the faculty members and students for sending research proposals and receiving funds from various research bodies. Encouraging faculty to organize, attend and present papers at

state/national/international conferences and seminars • To arrange sponsored workshops in the latest research areas of engineering and technology. • To Motivate UG and PG Students to Publish papers in the National / International Journals and Conferences. • To encourage the faculty to attend more research programmes in Academic institutions and Industries. • To encourage the faculty to undertake consultancy works from various industries. • To sign MOUs with various organizations and academic institutions to acquire the benefits for the Students and faculty Members. • To appreciate the students and faculty for their extensive research activities.

Library, ICT and Physical Infrastructure / Instrumentation

Library: Networking has been installed in the library which facilitates access of information on various types such as online databases, e-journals, e- books, digitally through networked systems. Access may be allowed online remotely through internet or intranets. ICT and Physical Infrastructure / Instrumentation : Classrooms are installed with smart board and LCD Projectors to enhance ICT based learning. Institution has CCTV facility for monitoring the safety. In keeping with rapid advancements in technology, and for students to benefit from state-of-the-art equipment physical infrastructure/ instrumentation- seminar halls, conference rooms, WI-FI connection, a bank with ATM facility, canteen, has been constructed on campus.

Human Resource Management

• Direct Recruitment to all cadres is based strictly on merit as per the qualification prescribed by AICTE. Selection is done duly by constituted committees. • Faculty members are regularly evaluated by students with the help of a structured questionnaire at the end of every semester. • Self appraisal by teaching staff is mandatory at the end of each academic year • The appraisal committee reviews the faculty performance in terms of university examination results, Student feedback, RD related activities and counselling the slow learners. • Staff enrichment programs are organized periodically to motivate faculty members to maximize their performance

in teaching and research. • The faculty are encouraged to participate in various seminar, workshop, conference organize by national and international agencies. • Best performers are duly awarded with "Best Teacher" to motivate them to contribute their best to the academic excellence.

Industry Interaction / Collaboration

• The institution emphasizes upon career development of the students. This can be achieved by establishing MOUs with reputed core industries to enhance Industry- Institute Interaction activities like internships, industrial visits, in-plant trainings, value added courses, industrial projects, guest lecturers etc., for the benefit of students. • The cell invites experienced academicians, leading professionals with extensive corporate experience and entrepreneurs to address the students and thereby facilitate practical learning.

Admission of Students

UG ADMISSION Candidates should have passed HSC of State board or equivalent with Mathematics, Physics, and Chemistry and other language subjects. Minimum marks 50 of in Mathematics, Physics, and Chemistry and minimum pass for SC /ST candidates 65 of the students are admitted through Anna University single window counselling. 35 of the seats are filled up through consortium of self- financing colleges. In this case the students need to have qualifying marks as prescribed by the Government of Tamil Nadu. PG ADMISSION Candidates should have passed B.E. / B.Tech / AMIE/ or equivalent examination for seeking admission into relevant PG courses and its specialization. 50 of the seats are filled through TANCET by Anna University and remaining 50 of seats are filled through qualifying marks obtained in CET conducted by consortium of Self- financing colleges.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	We are planning to implement Academic in near future.
Finance and Accounts	Finance and Accounts section has software to access the Students Due, Salary details, Purchase details, Account Ledger details Trial Balance.

Null	The examination cell has JCEXAM software. The intimation of students grade statements are communicated through students email.
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6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
152	152	77	77

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> The management grants maternity leave to the women employees, with pay for a period of 60 days and limited to the first two living children Grant of Rs 5000 /- for marriage and for the first child and for the supporting staff. In 	<ul style="list-style-type: none"> Concession in the transport fee for staff. Medical facilities are available in the college for the minor ailments. College Organizes free and periodic health checkups. Educational loan for higher studies and Faculty members are 	<ul style="list-style-type: none"> Scholarships for BC and SC/ST, first graduate students. To render financial aid to the poor students to meet their expenses towards tuition Fees

the event of death of an employee while in service, an exgratia of Rupees 10,000/- i.e. granted to the dependants of the deceased employee, towards funeral. • Medical facilities are available in the college for the minor ailments. • College Organizes free and periodic health checkups. • Educational loan for higher studies and Faculty members are sponsored to upgrade their qualification. • Tuition fee waiver for children of employee. • Appreciation for the faculty member for achieving 100 results in the dealt course • Excellent Teacher Awards have been instituted to encourage teachers to put in their best efforts. • Faculty members are sponsored by the management for seminars, workshops and conferences while meeting the expenses towards delegation fee for the first time and also treating the period of absence as "ON DUTY"

sponsored to upgrade their qualification. • Tuition fee waiver for children of employee. • The management grants maternity leave to the women employees, with pay for a period of 60 days and limited to the first two living children • Grant of Rs 5000 /- for marriage and for the first child and for the supporting staff. • Administrative Staffs are provided with In-house training programme for providing Technical Staff are provided with Training and Retraining programme shall be arranged in technical areas.yes

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The institution has adequate Mechanism for auditing by both Internal and external audit. Internal Audit is performed by officials deputed from Trust periodically and the reports are obtained before conduct of the external audit which is normally done after the closure of the accounts in all respects. The copy of the internal audit report covering all matters related to maintenance of accounts is preserved. Subsequently, External Audit is conducted by the auditors and the final audit report with audit findings are submitted to the Management.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
View File		

6.4.3 – Total corpus fund generated

500000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Anna University	Yes	Senior Faculty Member
Administrative	Yes	N.C Rajagopal, Co., Chartered Accountant	Yes	Statutory Auditors

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parent Teacher Association meeting is conducted periodically to know about the students 'progress. The meeting is a platform to offer suggestions for further improvement and development of the students. The parents get an opportunity to interact with the faculty advisors and heads of the departments to know about their ward's performance and study.

6.5.3 – Development programmes for support staff (at least three)

1. Three days webinar series program was organized in the topic "Essentials of clinical Engineering" 2. One day Workshop on "Fundamentals of LabVIEW and its Applications" 3. One day training on 'Total Station' to technical staff

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Remedial measures to improve PEOs and POs attainment 2. Webinars 3. Skill development programme 4. New programme

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 – Institutional Values and Social Responsibilities**

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Run, Walk, Cycle Skate &	15/07/2019	15/07/2019	150	155

Donate				
"Mersal - Online Event "	07/01/2019	07/01/2020	125	150
Queen Bees Walkathon	03/08/2020	03/08/2020	120	100

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
10 KW Grid Connected Solar Panel 3 KW Hybrid wind Solar System Bio Gas Plant for Boys Hostel 250 KW Generator

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	No	0
Rest Rooms	Yes	0
Scribes for examination	No	0
Special skill development for differently abled students	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
View File							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
View File			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Tobacco free campus 2. Plastic free Campus 3..Growing tree across the campus 4. Paperless Office 5. E-waste management

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Academic Audit : Academic Audit is conducted once in every semester. Every faculty member maintains course files for the theory as well as Laboratory subjects. The following are placed in course files for audit: ? Course Objective and Outcome ? Question Bank ? Copies of test question papers ? Samples of answer papers ? Assignments ? Samples of PPT slides and other teaching materials ? Laboratory manual, observation book, record note books and list of experiments conducted. Objectives of the Practice: Objectives • To ensure every faculty member is performing well in teaching and research. • To give feedback to faculty members on areas which need improvement. Intended outcome : ? Quality of teaching-learning process and Research improves. ? Problems related to teaching-learning and research is brought to the notice of decision makers for solutions. Underlying Principles / Concepts of this practice: ? Work culture and output improve when there is monitoring. ? Best Practices of other Institutions are brought into our college, through the Suggestions given through Auditing processes. ? Through Continuous development, the quality of the Institution is improved. Evidence of Success The Evidence for success is seen in the feedback received through subsequent audit reports. The audit system has improved the performance of the faculty members and teaching quality and their integrity. The data recorded in the attendance register and assessment report by the faculty members are very good, Overall performance of the students in their written exam is satisfactory which exhibits the effective and innovative teaching methodology of the Faculty. With regard to the preparation of assignments, the students have excelled in their creative skills and have come out with wonderful outputs such as chart work, collages, write ups and handwritten manuscripts.

2. Online Courses - Coursera Campus Programme Coursera provides universal access to the world's best higher education, partnering with more than 200 top universities and industry educators, to offer courses, specializations, certificates and degree programs.

2.Objectives of the practice The COURSERA CAMPUS PROGRAM • Empowers any university to offer high-quality, job relevant online education to students, alumni, faculty and staff. • Prepares the workforce of the future. • Helps any university across the globe to use content on Coursera • Delivers job-relevant, multi-disciplinary online learning to its learners. • Enhances their core curricula, offer credit eligibility and supplemental learning to students.

3.CONTEXT: The features of the "COURSERA CAMPUS PROGRAM" include: 1. Launch new learning programs - Universities can instantly create new learning programs using Coursera library of over 3,800 high-quality, job-relevant online courses 2. A world class learning experience - Engage learners with leading professors, applied projects, and assessments – all available online, offline, and on mobile. 3. Create credit - eligible courses - Plagiarism detection tools and custom assessments enable credit-eligible courses that integrate with curriculum of the university. 4. University systems integration - Provide a seamless learner experience with Single Sign-On, LMS integrations, and central program administration. 5. Track learner skills mastery - Use skills dashboards to assess learner mastery levels and skills development 6. Develop own private content - Author private lessons, assessments, and courses for learners 7. Deliver life-long learning to alumni, faculty and staff - With Coursera for Campus, universities can increase alumni engagement by serving their learning needs throughout their career. - Coursera for Campus enables faculty and staff to rapidly upskill and catch up on emerging areas. - Universities can also use the platform to help incoming students be prepared on day one. 4.PRACTICE: To help minimize the impact of the coronavirus (COVID-19) outbreak on students, the Coursera community, initiated, Coursera for Campus Program at nocost, to assist universities and colleges to deliver courseware online. Jerusalem college of Engineering enrolled on COURSERA CAMPUS PROGRAM on May 11, 2020. It

has been a very unique and exciting online learning experience since then, for both the students and faculty of Jerusalem college of Engineering, during this lockdown period, by effectively utilising the COURSEA platform and by enriching their knowledge in diverse fields of interest. Courses relating to Data science, Computer science, Business, Technology, Healthcare, IT and cloud computing, Arts and Humanities, Physical sciences and Engineering, Professional development were chosen for study. Courses were offered by reputed International universities such as University of London, Yale University, UC San Diego, University of Michigan, ISB, University of Colorado, University of Virginia, The Hongkong university of Science and Technology, IBM, Google, Intel, Duke University, John Hopkins University. Specialization courses were also offered by Coursera and a number of students obtained certificates by successfully completing online non-credit specializations. 5.EVIDENCE OF SUCCESS The encouraging statistics as on 29th June, 2020, given below shows the high involvement of students and faculty of JCE towards gaining new knowledge in diverse fields • 6911 enrollments • 1083 current JCE members in COURSEARA • 1246 total unique courses chosen • 617 members completed 3393 courses • 3393 course certificates issued • 669 learners completed more than 50 of the courses enrolled and are steadily progressing • 255 learners have completed more than two courses • 13364 hours spent • 3 students completed more than 100 courses • Nearly 70 students completed specialised courses in diverse fields

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://jerusalemengg.ac.in/bp.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The translation of the vision statement into activities is through the following innovative practices: Innovation Entrepreneurship Objectives of the practice: The main objective of this practice is to • Motivate the students, staff members and neighbouring entrepreneurship aspirants of public to start a venture to become an entrepreneur. • Inculcating project-based learning to involve all the students and staff members to outbreak their hidden ideas • Encourage the entrepreneurship aspirants to bring out their knowledge, imagination and new ideas through project competitions. • Registering the college as Host Institute (HI) in the government initiatives to avail benefits of various schemes such as smart India Hackathon, Institution Innovation Council, Atal Innovation achievements MSME Business Incubator (BI) etc., and share with the budding entrepreneurs. The Context: • Jerusalem Innovation Incubation Council (JIIC) provides facilities such as IPR services, fabrication lab, lab space, space for funded projects, seminar/discussion halls etc. • Other supporting initiatives of the college are Institution Innovation Council (IIC), Social entrepreneurship Rural engagement cell, entrepreneurship development cell and MSME Incubation center. • Project-based learning (PBL)The curriculum is framed to carry out one or more tasks that lead to best understanding of the subject and kindle the students to design a model, a device or a computer simulation. • Building Innovation ecosystem in the campus through - Innovation day - creative/design thinking - workshop Seminars - Idea Festival Prototype Exhibition - Aligning faculty research works towards innovation and startup creation • MSME Incubator - Through MSME approved incubation center provides seed capital as a finance assist in the form of soft loan, interest free loan, equity participation etc. The Practice Jerusalem College of Engineering (JCE) allows students to setup startup while studying, to earn credit for working on innovative prototypes/business Models, to take a semester break/year to work on their startup, to use the address of Hostel (or)

pre-incubation and (or) incubation unit to register their venture while studying. JCE 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 capitalist. The JIIC activities towards the startup's development includes, Building Innovation ecosystem in the campus through Innovation day program, creative/design thinking workshop Seminars, Idea Festival, Prototype Exhibition and patent filing. JIIC also supports in developing project plan by analysis, reports, documents, training and startup awards. Co-incubation creation and support, aligning faculty research works towards innovation and startup creation also the functions of JIIC. IIC of JCE got 4.5/5 stars during the academic year 2019-20. The activities of IIC are poster making competition on Innovation, Regular Workshop on "Entrepreneurship and Innovation as Career Opportunity", Skill Development Workshop and Entrepreneur skill Development program The Entrepreneurship Development Cell (EDC) was formed with a vision to inculcate Entrepreneurial spirit among student community under the Innovation Entrepreneurship development program (IEDP). EDC got funding from various Government and Non-Governmental funding agencies such as DST, under the scheme of NIMAT (National Implementing and

Provide the weblink of the institution

<http://jerusalemengg.ac.in/id.pdf>

8.Future Plans of Actions for Next Academic Year

1. To start new programmes. 2. To Develop Incubation Centre. 3. To publish more papers in SCOPUS Web of Science Journal. 4. To get more projects from Government Funding Agency. 5. To Apply more number of Patent. 6. Tie with more Professional and Institutional bodies. 7. To increase Collaboration with leading Industries and provide Consultancy. 8. Increase industry institution collaborative activities.