



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	ST. JOSEPH'S COLLEGE OF ENGINEERING
• Name of the Head of the institution	Dr. VADDI SESHAGIRI RAO
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04424503237
• Mobile no	9444069916
• Registered e-mail	principal@stjosephs.ac.in
• Alternate e-mail	raosvaddi@gmail.com
• Address	OLD MAMMALLAPURAM ROAD, CHENNAI-119
• City/Town	CHENNAI
• State/UT	TAMIL NADU
• Pin Code	600119
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing				
• Name of the Affiliating University	Anna University				
• Name of the IQAC Coordinator	Dr.N.Arunkumar				
• Phone No.	04424501060				
• Alternate phone No.	9444768201				
• Mobile	9840009626				
• IQAC e-mail address	iqac@stjosephs.ac.in				
• Alternate Email address	hodmechstudentaffairs@stjosephs.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://stjosephs.ac.in/NAAC/AQAR%202020-2021/AQAR%202020-2021.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://stjosephs.ac.in/NAAC/Academic Schedule 2021-22.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A+	3.46	2019	09/08/2019	08/08/2024
6.Date of Establishment of IQAC			17/09/2018		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr.M.Chamundeeswari Biotechnology	DST-TMD(EWO)	Department of Science and Technology	2019 (730 days)	7,00,000
Dr.M.Palani Thanaraj Electronics and Instrumentation Engineering Dr.Parvatharthini Computer Science and Engineering	SERB-CRG	SERB	2020 (730 days)	11,61,629
Dr.Jayasreekrishnan, Master of Business Administration	ICSSR	ICSSR, New Delhi	2021 (180 days)	3,25,000
Dr.D.Joel Jebadurai, Master of Business Administration	Major Research Scheme	ICSSR, New Delhi	2020 (730 days)	6,60,000
Dr. G. Maria Kalavathy Computer Science and Engineering	Student Innovation Grant Program - ART PARK IISc Bangalore & DST	IISc Bangalore & DST	2021 (365 days)	3,50,000
Dr.S.Rajesh Kannan Electronics and Communication Engg.	Student Innovation Grant Program - ART PARK IISc Bangalore & DST	IISc Bangalore & DST	2021 (365 days)	3,95,000

Dr. R Avudaiammal Electronics and Communication Engg	ISRO-RES	Indian Space Research Organisation (ISRO), Bengaluru.	2021 (730 days)	19,82,000
Dr. A. Chandrasekar Computer Science and Engineering	MATRICS (SERB)	SERB	2021 (365 days)	6,60,000
Dr. A. Chandrasekar Computer Science and Engineering	SPICES (AICTE)	AICTE	2021 (365 days)	1,00,000
Dr. A. Chandrasekar Computer Science and Engineering	RPS - AICTE, New Delhi	AICTE	2021 (365 days)	5,36,000
Dr. S. Justin Packia Jacob, Biotechnology	Tamil Nadu State Forest Department	Tamil Nadu State Forest Department	2021 (365 days)	3,00,000
Dr.S.Rajesh Kannan Electronics and Communication Engg.	STDC/MIC/GRANT	IIC, NIC	2021 (365 days)	3,00,000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes
<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	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 have been 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. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>IQAC of St. Joseph's College of Engineering has been actively involved in maintaining quality within the institution through Ranking(NIRF Participation), AQAR Submission and Administrative Audits of all departments of Institution and its Follow up action.</p>		
<p>Feedback from stakeholders and its Analysis to improve Teaching Learning process.</p>		
<p>Increased participation of Student project awards and Institutional awards.</p>		
<p>Collaborative interactions with industries through industrial projects, industrial visits in plant trainings and internships. Publishing Students innovative research ideas in reputed journals.</p>		
<p>Value added courses Pre-placement training programs were conducted to enhance the level of placement.</p>		
12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		

Plan of Action	Achievements/Outcomes
Funds received from funding agency	12 projects worth of Rs.30,77,500/- is undergoing in college
Patents filed in IPR	52 patents have been filed in this Academic Year
Journal Publications	More focus on scopus journal publications 139 publications in this current Academic Year
Academic Council and BoS	Approval of Autonomous Regulations and framing new syllabus for the students enrolling from the year 2021.
Academic and Administrative Audits	Assessing Teaching learning process based on curriculum planning and to meet learning objectives.
NIRF Registration	Data collection and updating the institute details for NIRF ranking
Orientation Programmes	s Orientation programme for first year students which helps the students to get acclimatised with campus life, curriculum and administrative procedures

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Council Meeting	16/05/2022

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022	17/12/2022

15.Multidisciplinary / interdisciplinary
The students carry out project works and engage in developing products which incorporate the engineering concepts drawn from various disciplines. Combining the concepts of mechanical and electronics in mechatronics products and that of IOT in systems for various applications are few examples of such activities.
16.Academic bank of credits (ABC):
Choice Based Credit System (CBCS) is an important feature of the curriculum offered in UG and PG level programmes wherein the student is free to choose courses under Professional Electives. Students successfully undergoing select courses such as the ones offered by NPTEL, Coursera, etc will have the credits in advance which will make them free to undergo internship during the regular course of study.
17.Skill development:
Workshops are conducted to give hands on experience to the students besides Value Added Courses conducted in each department on the latest trends in each discipline. Skill Development Programs are conducted
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)
Courses on Yoga, Value Education and Sanskrit are included in the curricula for UG and PG Programmes.
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):
Course Outcomes are duly mapped with the Programme Outcomes which in turn will meet Programme Education Outcomes for the disciplines and being monitored.
20.Distance education/online education:
As we are an institution affiliated to the state university, we can offer full-time regular courses in UG and PG only in the campus and Distance Education is not applicable for us. However, many programs imparting learning in technical education are conducted online with experts drawn from reputed industries and leading academicians.
Extended Profile
1.Programme

1.1	19
Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	View File
2.Student	
2.1	5115
Number of students during the year	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2	574
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
2.3	1325
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	317
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	287
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	147
4.2 Total expenditure excluding salary during the year (INR in lakhs)	82.2
4.3 Total number of computers on campus for academic purposes	1614
Part B	
CURRICULAR ASPECTS	
1.1 - Curricular Planning and Implementation	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process	
<p data-bbox="86 1171 1366 1243">Effective curriculum delivery is carried out in the Institution through a well-documented approach.</p> <ul data-bbox="156 1301 1469 2040" style="list-style-type: none"> <li data-bbox="156 1301 1406 1413">• An Academic Calendar encompassing the working day schedule, internal assessment examinations, etc., is prepared every semester well in advance. <li data-bbox="156 1424 1469 1536">• Allocation of subjects to the faculty members is done after careful consideration of their subject expertise besides their choice <li data-bbox="156 1547 1430 1704">• Course study material such as lecture notes, question bank, lab manuals are prepared by faculty members and are uploaded in the students' portal which will be periodically monitored by the Principal. <li data-bbox="156 1715 1469 1872">• Time tables are prepared for theory, tutorial and practical classes based on the credits as per the curriculum for which a comprehensive lesson plan is prepared by the allotted faculty members. <li data-bbox="156 1883 1430 2040">• In order to complement the classroom lectures, NPTEL video lecture sessions, Value Added Courses, Guest lectures by experts drawn from academia and industry, additional courses relevant to the subjects are arranged periodically to 	

facilitate hands-on experience for the students.

- The performance of students is assessed through unit wise internal assessment examinations besides a comprehensive model examination and special coaching is provided for the slow learners.

These steps are followed periodically during every semester to ensure an effective curriculum delivery.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://stjosephs.ac.in/A/1.1.1.pdf

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

Internal Assessment Mechanism

- A Centralized Examination Process is being practiced for all years.
- Assessment schedule is prepared for every semester and included in academic calendar
- Automatic generation of Question Paper
- Re-examinations conducted for Genuine Absentees.
- 4 Internal assessment Examinations each for 50 marks with individual units as portions, a model examination for 100 marks with complete syllabus is conducted for each subject. Marks secured in all these 5 examinations are converted to 20 marks.
- Evaluation Process
- Central valuation monitored by Head of the Department
- Uploading Answer Keys in student portal
- Online Mark Entry & Results Analysis.
- Display of Internal Marks in department notice board & web portal, SMS to the parents
- End Semester examination
- End Semester Examination Timetable will be notified by COE.
- Question paper generation and valuation carried out both by internal and external evaluators. A minimum mark of 45 out of 100 marks is essential for the completion of each subject. The secured mark is converted to 80 marks which is further added with 20 marks for final grade.
- Discrepancies in the End Semester Question paper are

communicated to COE

- Students can get the photocopies and apply for revaluation and review of answer sheets if further valuation is needed.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://stjosephs.ac.in/A/1.1.2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

18

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

1.2.2 - Number of Add on /Certificate programs offered during the year**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

16

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

1276

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

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

Over the years the institute has strived to create holistic and responsible alumina that would emerge as sensitive citizens towards the society.

Environment and Sustainability

- The curriculum includes a subject "Environmental Sciences and Engineering - GE 8291". Most of the engineering streams choose this elective.
- Biotalk series 2.10 on Biotechnology Opportunities And Changes In Indian Ecosystem.
- The ECO-SOC club educates the students about the social, economic and political issues.
- Entrepreneur Development cell, Google groups, Quiz club, Tamil

Club, Maths club, and English club function

Gender Sensitization.

- A vibrant IEEE society for "Women in Engineering", functions
- St. Joseph's College of Engineering in association with AICTE "SPICES" Cognizant Club organized a series of events "Women & Frolic", On the occasion of International Women's Day on March 8, 2022.

Professional Ethics

- The university curriculum includes an elective subject titled "Professional Ethics in Engineering - GE8076".

Human Values

- Student visit 90 NGO homes, which includes 75 orphanages, 10 old age homes and Cerebral palsy(CP) children's homes.
- A dynamic NSS unit which has a yearly membership of 100 students functions.
- An active YRC unit exists. Volunteers help in arranging blood donation camps and regularly help the needful.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

35

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

981

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://stjosephs.ac.in/A/1.4.1.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may

A. Feedback collected, analyzed

be classified as follows	and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	https://stjosephs.ac.in/A/1.4.1.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1497

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

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

574

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

To start with their academics, they are provided with Bridge courses to freshen up the concepts in Physics, Chemistry, Mathematics and Computer Programming courses for Biology group. Communication skills course is given during first year.

Based on their performances in their Internal Assessment Examinations, Model Exam and University Examinations, categorized as advanced learners and slow learners.

The lateral entry students have patch up courses for all the subjects in third semester and especially for Mathematics.

The slow learners are given additional coaching during exams and special coaching during their semester study holidays for courses including their lower semester arrear courses.

Mentoring for 10-15 students per Faculty, maintains a record of those students performance in their Examinations, bio data and continuously monitors them and keep track of their growth. The average learners are motivated to score higher grades; the advanced learners are motivated to get University Ranks and think beyond their curriculum.

Orientation program explaining the semester's need, expectation and various training programs and courses in that semester and Close Meet conducted to motivating students.

For the advanced learners, Student clubs, Student chapters like IEEE with 500 members and societies like CSI, OSA, Robotics and automation society, Power electronics society etc.

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/2.2.1.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
5115	317

File Description	Documents
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

Our institution takes efforts to make teaching learning process students centric by adopting various suitable learning methodologies. Students are made to have experiential learning partly through curriculum itself by imparting practical sessions in laboratory courses besides end semester project work.

Apart from this, students are encouraged to make models to consolidate their learning in the class room. Students in pre-final year made to carry out mini-projects to have more experiential learning. In addition value added courses are arranged with industrial experts to give hands on exposure to the latest technologies.

Every semester students are taken for Industrial visits in the relevant companies to gain exposure to industrial practices. Student centric participative learning methods include presentation of Technical seminars by students on topics related to curricula and working towards innovative project awards at State and National level. Projects carried out by the students are scrutinized at department level and shortlisted to be nominated for best project awards.

In addition to this students involve themselves in making working models and exhibits to be showcased during inter-collegiate symposia. Our institution has student's chapters namely SAE, ISHARE, ASHRAE, IEEE, ISTE, OSA, BRSI, ICI, CSI and IWS with 13 professional societies.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://stjosephs.ac.in/A/2.3.1.pdf

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

Apart from the conventional method of teaching which includes 'chalk and talk', the current and next generation students expect innovative methods of teaching such as multimedia learning process, problem based learning and usage of various multimedia tools for better understanding.

Various supplemental teaching-learning methods such as smart classes, demonstration classes, PowerPoint presentations, Model and

Chart Presentations etc.

The students are encouraged to participate as well as to organize various workshops, Guest Lecturers (300), conferences, and technical symposiums to benefit student. Soft skill training and communication proficiency tests are regularly conducted during odd and even semesters to improve the analytical and reasoning efficiency of the students.

Other teaching-learning methods such as Group discussions, Role plays, Jigsaw discussions and Debates are conducted to actively engage the students to analyse the pros and cons of every field of study.

More than 300 subjects of NPTEL lecture notes & videos, 60 technical magazines and 600 online journals are made available to the student society.

The students are also allowed to carry out mini- and major projects as a part of their academic activities.

An average of 20 industrial visits per semester is arranged and 175 value added courses are arranged.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

317

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

317

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

157

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

3678

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The performance of students in the theory subjects is assessed periodically as follows for internal assessment:

Period

Portions

Method of Evaluation

Maximum Marks

Assessment Period - I

Unit I & II

Internal Examination

Assignment

Seminar

100

Assessment Period - II

Unit III & IV

100

Assessment Period - III

All Units (I - V)

Internal Examination

100

The total marks obtained in all assessment examinations are added (300), converted to 20 marks and rounded to the nearest integer.

For practical subjects, the performance of students is assessed periodically as follows:

Parameters

Maximum Marks

Observation, Procedure, Design, Calculation and Results & Graphs

Viva-voce

Submission of Record work

10

Model Practical Examination

10

Total Internal Assessment Marks

20

For Project Work, the performance of students is assessed periodically as follows:

Type of Evaluation

Parameters for Evaluation

Maximum Marks

Project Review - I

Problem Definition, Literature Review, Methodology

10

Project Review - II

Extent of Simulation / Experimental work carried out

Project Review - III

Presentation of Results & Conclusions

Project Review - IV

Demonstration of Project Outcomes

Model Viva-Voce - I

Draft Report Submission

10

Model Viva-Voce - II

Final Report Submission

Total Internal Assessment Marks

20

Centralized Valuation is conducted for each examinations and distributed within two days. Suggestions are given to the students who need to improve and the ones who performed well are appreciated

File Description	Documents
Any additional information	View File
Link for additional information	https://stjosephs.ac.in/A/2.5.1.pdf

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

- Internal assessment examinations are conducted as per the academic calendar provided by the Institution. The Examination office prepares a timetable and showcases it much prior to the commencement of exams and mailed to both the staff and students.

- Every grievance at Institution level is clarified instantly.
- The College has created a grievances redressal committee comprising of heads of the department for the academic Redressal of students' grievances.
- Internal assessment question paper feedback is given by the concerned subject and the answer Key is uploaded in the portal.
- To ensure timely needs of students during assessment examinations. Scrutiny of answer scripts is done by the senior faculty and HOD to ensure fairness and transparency of the correction.
- Assessment marks are entered into the portal after the exams and the entries are cross verified by the other department faculties for corrections.
- The end semester examinations are conducted and controlled by the University and if students have any problem, the Principal communicates to the Controller of Exams of the University about the grievances of the students.
- The grievances of the students in external examination at university level are addressed through a proper channel by obtaining photocopies of the evaluated answer scripts, re-evaluation and challenge evaluation by paying a prescribed university fee.
- University Question paper feedback is given to the University through proper channel, for the out of syllabus questions and discrepancies by the concerned faculty members

File Description	Documents
Any additional information	View File
Link for additional information	https://stjosephs.ac.in/A/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

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

UG PROGRAMMES

1.B.E. - Computer Science and Engineering

2. B.E. - Electronics and Communication Engineering

3. B.E. - Mechanical Engineering

4. B.E. - Electronics and Instrumentation Engineering
5. B.E. - Electrical and Electronics Engineering
6. B.E. - Instrumentation and Control Engineering
7. B.E. - Civil Engineering
8. B.Tech. - Information Technology
9. B.Tech. - Biotechnology
10. B.Tech. - Chemical Engineering
11. B.Tech. - Artificial Intelligence and Data Science
12. B.Tech. - Artificial Intelligence and Machine Learning

PG PROGRAMMES

1. M.E. - Power Electronics and Drives
2. M.E. - Computer Science and Engineering
3. M.E. - Applied Electronics
4. M.E. - Manufacturing Engineerin
5. M.Tech. - Biotechnology
6. M.B.A
7. M.B.A. - Integrated 5 Yrs

S.No

Dissemination

To

By

Content

Mode / Event

1.

Students

Head of the Department

Course outcomes

Programme Outcomes

Programme Specific Outcomes

1) Opening daymeeting

2) Department Website

3) Lab Manuals &

Question Bank

2

Parent

Head of the Department

1) Orientation Program

2) Department Website

3) DepartmentMagazine

3

Faculty members of the Department & Service Departments

Course

Coordinator

1) Opening Faculty

Meeting

2) Department Website

3) Course Log Books

4) Academic Calendar

4

External Stake Holders**HOD****Placement Officer**

1) College WebSite

2) News Letters

3) Placement Brochure

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://stjosephs.ac.in/department.html
Upload COs for all Programmes (exemplars from Glossary)	View File

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

1.1 Theory course**(a) Assessments**

- Assessment - I - Units I & II (CO1 & CO2 - Each 50 marks)
- Assessment - II - Units III & IV (CO3 & CO4 - Each 50 marks)
- Assessment - III-All 5units (CO1, CO2, CO3, CO4 & CO5- Each 20 marks)

(b) Assignments

The students are asked to prepare and submit assignments, prior to Assessments. The assignment shall contain Key points, Neat diagrams, Derivations and Tables or plots.

S.No

Assessment

Marks

Weightage

1

Assessments

100*3

300

2

Assignments

60+60+80

200

Total

500

converted to 100

(c) End Semester examination:

Part - A (2 mark Questions)

10 * 2 = 20

Part - B (13 Mark Questions)

5 * 13 = 65

Part - C (15 Mark Questions)

includes Application/Design/Analysis/Evaluation/Creativity questions

$$1 * 15 = 15$$

$$\text{Total} = 20 + 65 + 15 = 100 \text{ marks}$$

2. Indirect Assessment tools

- Alumni Survey
- Student Feedback
- Parent Feedback
- Student Entry survey
- Student Exit survey
- Industry feedback

SAMPLE ATTAINMENT (Department of Information Technology)

Level of Attainment:

Target has been arrived based on the average percentage of students scored more than the class average marks in the previous three academic years

Target vs Attainment level for Direct Assessment

% of students scoring above the class average mark in the Direct assessment

Target

Attainment

Level 1

Level 2

Level 3

Above - Less than

Above - Less than

Above

55

45-50

50-55

55

60

50-55

55-60

60

65

45-55

55-65

65

70

50-60

60-70

70

75

55-65

65-75

75

80

50-65

65-80

80

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://stjosephs.ac.in/A/2.6.2.xlsx

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

1325

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://stjosephs.ac.in/A/2.6.3.2.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://stjosephs.ac.in/A/2.7.1.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

19.84

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**3.1.2.1 - Number of teachers recognized as research guides****46**

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year**3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year****8**

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://stjosephs.ac.in/r&d.html

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

St. Joseph's College of Engineering has an active Research and Development Centre, for monitoring research activities, which constantly encourages students and faculty members to file more number of patents and arrange lectures/workshop on IPR, so far we have filed 141 patents from various Departments, out of which 16 patents got granted and 108 patents are published. Apart from that 11 Designs and 4 copyrights were also granted by the IPR Department. Every year our staff and students bagged innovative research awards from various agencies including INAE, DST, etc.

The Institution has well-equipped laboratories to cater to the needs of students to nurture them towards research and developmental activities. The Department of Scientific and Industrial Research (DSIR), Government of India has recognized our College as a Scientific and Industrial Research Organization (SIRO).

The Institution has created an ecosystem for innovations including Entrepreneur Development Cell and other initiatives for creation of successful engineering graduates and transfer of knowledge such as IPR. ED Cell motivates and mentors the students for setting up of the startup enterprises. We used to conduct workshops and seminars regularly through the ED cell to motivate the students to become an entrepreneur.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://stjosephs.ac.in/A/3.2.1.pdf

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

10

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards	
3.3.1 - Number of Ph.Ds registered per eligible teacher during the year	
3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year	
0.74	
File Description	Documents
URL to the research page on HEI website	https://stjosephs.ac.in/NAAC/AQAR%202021-2022/3.1.2%203.3.1.xlsx
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File
3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year	
3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year	
289	
File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File
3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year	
3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year	
99	
File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

We have two NSS units in our campus with two Program Officers and 100 student volunteers for each unit. The NSS unit of the college is part of the NSS wing of the Anna University. The University periodically involves the Program Officers of the colleges under its control for discussion with them about the activities that could be initiated for the betterment of the society at large. The NSS wing of the college conducts programmes in villages around the college to educate the villagers on hygiene & sanitation, literacy, women and their status in the society - how to improve it, the employment opportunities available for the youth of the village, protected water supply system, girl's education, awareness of AIDS, Youth for Mass Literacy?, Youth for National Integration & Social Harmony etc. "Youth Red Cross (YRC)" Another unit of YRC with about 30 student members with a corresponding Coordinating Officer is organizing blood donation camps joining hands with different hospitals and organizations.

Every semester each student from college will visit an orphanage, old age homes, CP Children homes with hygienic food, cloth, playing items and study materials. Also one full day will be spent with inmates by exchanging thoughts. This NGO activity will be very much useful for the students to understand the society and their needs. NGO visit will make the students to understand the needs of the society, so that students are able to provide the solution for the people's problem.

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/3.4.1.pdf
Upload any additional information	View File

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

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

4

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

9

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

2515

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year**3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

396

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year**

21

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

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

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

St. Joseph's College of Engineering spans over an area of 14,91,000 square feet. The built-up area is about 1, 26,542 square feet. 147class rooms with adequate seating, lighting, ventilation are housed in the sprawling campus. 11rooms are technology enabled smart class rooms. The campus includes a state of the art air conditioned indoor auditorium equipped with modern audio-video technologies and

a seating capacity of 200 persons. 9 corporate halls to house campus meetings, tech talks, guest lectures etc. are present. Faculties as well as administrative staff are provided with cubicle seating. An examination cell with high tech equipment for the conduct of internal as well as university exams is present. Girl's resting rooms, first aid centre are available inside the campus. Separate canteens for boys and girl Reverse osmosis treated purified drinking water is provided . Huge fleet of buses covering not only all parts of the city but also fringe areas of the city.

Stationary stores, printing and binding sections and low cost bakery offering snack items are functioning inside the campus. Separate hostels for boys and girls, ATMs, separate beauty salons are functioning in the campus. Intercom facility connecting entire departments . Guaranteed, un-interrupted power supply

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://stjosephs.ac.in/facility.html

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

The college emphasize on the overall development of students, by the way of motivating talented and deserving sports students, offering them free seat, free hostel accommodation, sportswear and gear. A sports village established on 2001 dedicated for sports activities. The College has the highest intake of sports students in Tamil Nadu.

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, Football Field, Volleyball court, Table Tennis boards, Indoor Badminton court hockey fields, track and field's etc. are provided. All the sports activities are encouraged by providing necessary facilities when the students participate in Inter University, All India University and other sports tournaments.

Yoga Activities:

Among different fundamental "Sutras" in educating a student like their academic enrichment, physical healthiness, the mental

empowerment. In addition to their academic schedule, cultural and physical activities, our college organizes regular "Yoga Activities".

Regular Cultural activities:

The expressive professionalism is imparted through cultural programs being conducted periodically. The institute has spacious auditoria, with excellent acoustics and massive seating capacity. Programs were planned to impart professional ethics, societal service, environmental protection and patriotism.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://stjosephs.ac.in/sports.html

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

147

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://stjosephs.ac.in/A/4.1.3.png
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

46760297

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

AutoLib - Library Management Software Autolib software is a web enabled software developed using HTML, JavaScript and Java Technologies to provide more flexibility, security and stability. The software needs to be installed only in the server which saves a lot of time from maintaining the client systems. The LMS is designed to work as a cross-platform software on Intranet and Internet environments which makes it user-friendly and intuitive. This system uses MySQL - an open source RDBMS as the database. This software consists of the modules viz. Database Management Systems, Search (OPAC), Counter Management Systems, Acquisition Control Systems, Report Management, Systems Administration-Resources Linking and Web Module. The login passwords are provided to all the users for authentication with the ability to change their password at any time. The system supports a multitude of stakeholders under the following categories,

- Users - Access to search and ability to view their transactions
- Counter - Access to functions related to counter transactions
- Admin - Access to all modules

OPAC (online public access catalogue) facilitates users to know the availability of books, searching of documents and borrowing details of documents within campus

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://stjosephs.ac.in/facility.html

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	B. Any 3 of the above								
<table border="1"> <thead> <tr> <th data-bbox="86 365 541 421">File Description</th> <th data-bbox="549 365 1469 421">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 432 541 521">Upload any additional information</td> <td data-bbox="549 432 1469 521" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="86 533 541 694">Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)</td> <td data-bbox="549 533 1469 694" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Upload any additional information	View File	Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File			
File Description	Documents								
Upload any additional information	View File								
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File								
4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)									
4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)									
1795075									
<table border="1"> <thead> <tr> <th data-bbox="86 1037 541 1093">File Description</th> <th data-bbox="549 1037 1469 1093">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 1104 541 1149">Any additional information</td> <td data-bbox="549 1104 1469 1149" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="86 1160 541 1216">Audited statements of accounts</td> <td data-bbox="549 1160 1469 1216" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="86 1227 541 1388">Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)</td> <td data-bbox="549 1227 1469 1388" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Audited statements of accounts	View File	Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File	
File Description	Documents								
Any additional information	View File								
Audited statements of accounts	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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)									
4.2.4.1 - Number of teachers and students using library per day over last one year									
265									
<table border="1"> <thead> <tr> <th data-bbox="86 1686 541 1742">File Description</th> <th data-bbox="549 1686 1469 1742">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 1753 541 1798">Any additional information</td> <td data-bbox="549 1753 1469 1798" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="86 1809 541 1899">Details of library usage by teachers and students</td> <td data-bbox="549 1809 1469 1899" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Details of library usage by teachers and students	View File			
File Description	Documents								
Any additional information	View File								
Details of library usage by teachers and students	View File								
4.3 - IT Infrastructure									
4.3.1 - Institution frequently updates its IT facilities including Wi-Fi									

The strength of our institution is in terms of expertise and infrastructures. The institution has evidently defined numerous policies for improving the IT infrastructural facilities which would ease teaching learning processes. As technology advances, the existing infrastructure facilities are updated and enhanced on a continuous basis.

The institution is equipped with 1614 internet connected computers, besides having 11 interactive boards with visualizers and LCD projectors installed in all departments. The entire college campus is connected through fiber optic network which ensures reliable connections all the time. Internet Facility is available at all hostel rooms, library and all the laboratories within the campus. All the computers are connected to uninterrupted power supply for safe operations and security is also ensured due to the usage of hardware firewall.

Infrastructure facilities for e-content development including media center, lecture capturing center, ICT enabled seminar halls help the faculty to prepare ICT enabled learning materials. Fully air conditioned conference halls, and tutorial rooms equipped with all modern facilities, auditoria are also in place for special lectures by renowned resource persons with informative models for power point presentations and animations. Computer Laboratories, computerized administrative office, extension of Internet facility to the departments, library are in keeping with the current trend in Higher Education.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://stjosephs.ac.in/facility.html

4.3.2 - Number of Computers

1614

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the

A. ? 50MBPS

Institution	
File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File
4.4 - Maintenance of Campus Infrastructure	
4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)	
4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)	
33325282	
File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File
4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.	
<p>The campus holds well established standard systems and procedures for maintaining the physical, academic and support facilities that are governed by the supervision of faculty in charges in college level. They ensure the various aspects of utilization and maintenance of the physical, academic and support facilities such as maintenance of buildings, laboratories, classrooms, library, sports complex, computers, etc. Adequate in - house staff is employed to meticulously maintain hygiene, cleanliness</p>	
Class Room	
<p>Most of the lectures take place in classrooms with projector, microphone and speakers. This is to ensure usage of new audio-visual pedagogical techniques during the teaching process along with this</p>	

we have audio visual halls where lecture are given.The college has various committees for maintenance and upkeep of infrastructure.

Laboratory

- Department wise annual stock verification is done
- Regular maintenance of Computer Laboratory equipment's are done

Library

- A regular update on new additions
- A library committee works regularly to oversee the functioning of the library and various other committees' coordinate with each other to enable the students to get maximum exposure and participation

Sports and Games is an internal part of the college and coaches are available for the students regarding the maintenance of sports equipment

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://stjosephs.ac.in/facility.html

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1572

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

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

126

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

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills
Language and communication skills Life skills
(Yoga, physical fitness, health and hygiene)
ICT/computing skills**

A. All of the above

File Description	Documents
Link to Institutional website	https://stjosephs.ac.in/A/5.1.3.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

3385

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

3385

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

A. All of the above

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

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**

1208

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education****91**

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year****161**

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

152

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

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The institution has avenues for active participation of students on academic and administrative committees. The senior students involve themselves in the teams which give orientation to the new comers every year.

The Institution conducts department wise students meeting beginning of every semester where 6 students team is participated and give their feedback on their academic need.

Students enthusiastically take part in the activities of National Service Scheme (NSS) and Youth Red Cross (YRC) in the college. All the students visit homes for destitute children, old age home etc., run by Non-Government Organizations once in a semester in turn.

The institution caters to specific needs of the students to equip for a career of their choice through Civil Service Academy, Defence academy and Entrepreneurship Development Cell which are functioning under the guidance of dedicated faculty members.

The Institution has various clubs such as Tamil Mandram, English Club, Eco-Soc Club Mathematics Club, Developer Students Club and

Coding Club enhances their soft skills and technical skills.

The Institution has students chapters such as Computer Society of India(CSI), Indian Society for Technical Education (ISTE), IETE, IEEE, IChem, SAEINDIA Collegiate Club, IWS, ISHRAE etc.

The students also act as coordinators during Inter-Collegiate and Intra-Department symposia.

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/5.3.2.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

152

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The alumni association in St Joseph's college of Engineering was inaugurated for its functioning from 1998. Officially Alumni Association has been registered as "St.Joseph's College of Engineering - Alumni Association" on 5th August 2019. The alumni meet is conducted once or twice in a year to share their views and give suggestions for the betterment curriculum, campus and to their

juniors.

We are proud to say that a significant number of our Alumni are currently continuing either higher studies or employment at U.S.A, U.K., Germany, Australia, Canada, ,Singapore etc.

Distinguished alumni are an effective role model accepted by students. 'Alumni special talks' are often arranged by the departments and their experiences that are shared regarding time management, self-discipline and character or career management often found be more easily accepted as guidance and inspiration by students.

Our college has a unique platform of 'Alumni mentors' where the distinguished alumni, mentor the current students by their frequent visits to deliver guest lectures on career guidance in their areas of expertise and motivate the young minds.

Successful alumni entrepreneurs have contributed towards lab setup. In the year 2021-22 alumni have contributed for setting up of IoT lab and E-Vehicle lab.

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/EA.html
Upload any additional information	View File

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

B. 4 Lakhs - 5Lakhs

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 and in tune with the vision and mission of the institution

VISION

To become a world class educational centre of the nation for Engineering, Technology, Computer Applications and Management with

moral and professional standards to serve the community at large.

MISSION

To achieve academic excellence in Engineering, Technology, Computer applications and Management Education.

To inculcate high moral and professional standards among our students.

To develop overall personality of the students.

To promote industry institute interaction through more number of collaborative programs with industries / research and development centers.

To venture for sustained placement for our students through campus interviews

The nature of governance, perspective plans and participation of the teachers in the decision making bodies

The Chairman leads the administration of the institution and guides Principal, faculty and students work towards the vision of the institute. Based on the Vision and Mission of the institute and driven by the needs of the corporate world, society and stakeholders , the strategic plans of the institute are framed. All vital decisions regarding the commencement of new courses, expansion of infrastructure, formulation and promulgating of strategy are approved by the Chairman. The implementation process is further discussed with the Principal and Heads of the departments for execution.

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/6.1.1.pdf
Upload any additional information	View File

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

The Institution has a culture of decentralized governance system with well-defined inter-relationships. Institute delegates adequate and systematized authority to the departments to work towards

decentralized governance system. Various committees like the Advisory Committee, Placement Committee, EDC and so involving faculty are constituted to manage different institutional activities. The management has extended enough financial powers to Principal and Department Heads to carry out these activities.

A case in point: Annual budget: Proposal, Approval and Allocation.

Principal is responsible for the preparation of the overall budget. The Budget planning for the year starts in the month of January. The Department heads and the administrative in-charges are instructed to plan the budget for the forthcoming year. They are invited to submit their carefully proposed budget for every academic year by the last week of February.

The HOD instructs the Department in-charges to prepare the budget proposal for various activities like workshops, guest lectures, seminars, conferences, training, value added courses, professional body activities and industrial visits etc. In addition to this the lab-in charges are also asked to come up with a proposal of their requirements for purchase of new equipment, repairs and maintenances, service, training and up gradation.

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/6.1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The leadership provides clear vision and mission to the institution. The functions of the institution and its academic and administrative units are governed by the principles of participation and transparency.

The college has the following perspective plans:

1. Enhancing the quality of Teaching - Learning
2. Promotion of Research among faculties and students
3. Talent acquisition and retention

4. Quality Assurance Measures**5. Improving Entrepreneurship Development and Industry-Institution-Interaction****6. Placement and Training activities**

Example of an activity successfully implemented based on the strategic planning:

Title of Practice: Promotion of Research among the faculty and students

Objectives:

- To upgrade the qualification and knowledge of the faculty and students
- To create a research culture in the institute
- To establish recognized center of higher learning & research leading to Ph. D. and facilitate further research.

The need for upgrading the qualification of the teachers was perceived well ahead by the Institution. The initiative taken by the management and encouragement of the Principal has motivated many faculty members to pursue their PhD degrees. The faculties are given OD for 120 days to complete their research work.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://stjosephs.ac.in/A/6.2.1(b).pdf
Upload any additional information	View File

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

Board of Governance**Governing Council:**

The governing council consists of Chairman, Managing Director, Director, The region Officer SRC, the Commissioner of Technical Education(DOTE) Industry representative, Principal and Senior

Faculty Members.

Academic Council:

The council is responsible to monitor the academic schedule, maintaining the standards of teaching, research and the assessment tools and procedures.

Roles of Administrators:

Chairman:

- Responsible for formulating and promulgating the Policy and objectives of the Institution,

Managing Director:

- Responsible for implementing the decisions with regard to St. Joseph's college of Engineering taken by the Trust from time to time.

Director:

- Responsible for implementing the decisions with regard to St. Joseph's college of Engineering taken by the Trust from time to time.

Principal:

Overall responsibility of planning and implementing all academic activities.

- Overall responsible for planning of Academic activities and financial planning.
- Communicating with AICTE, NBA, DOTE, Anna University and other Statutory bodies and implementing / executing the instructions / guidelines provided by them.

Dean

- Responsible for the process of faculty members applying for higher studies - Ph.D., monitoring of availing OD during the period of Ph.D. Course and conducting the periodic reviews.

Head of Departments:

- Responsible for planning and conducting teaching learning process successfully & ensure discipline.

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/6.2.2.pdf
Link to Organogram of the institution webpage	https://stjosephs.ac.in/A/6.2.2(b).pdf
Upload any additional information	View File

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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Teaching Staff :

? Medical allowances to meet emergency medical expenses of staff and their dependents with medical leave. ? Free transport and mess facilities to all ? Marriage gift for staff and their wards and providing leave. ? House warming gift. ? Maternity leave with full salary. ? Registration fees for attending conferences, workshops and FDPs in their field of interest. ? Providing professional body membership fees ? Providing financial support to attend and present research papers in national level and international level conferences and for refereed journals. ? Employee Provident Fund, Pension Schemes. ? Blazers for all teaching staff for comfortable teaching. ? On campus free medical facilities and physiotherapy ?

Cafeterias and Stores**Non Teaching Staff :**

? Medical allowances to meet emergency medical expenses of non - teaching staff and their dependents with medical leave ? Vacation for the securities with travelling allowance ? Three sets of uniform per year ? Marriage gift for staff and their wards with leave. ? House warming gift. ? Maternity leave with full salary. ? On campus free medical facilities and physiotherapy ? Employee Provident Fund and Pension Schemes ? Free accommodation in hostel for out station employees ? Free transport and mess facilities ? Cafeterias and Stores

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/6.3.1.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

5

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

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

31

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

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

236

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

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

Institute has systematic performance appraisal system to assess the performance of teaching and non-teaching staff. The teaching staff appraisal comprises three categories such as HOD appraisal, peer appraisal and self appraisal. HOD Appraisal: The following factors have been selected for HOD appraisal to reflect the basic core competencies to assist the performance of all staff members. ?

Teaching skill and knowledge ? Research and Consistency activities ? Faculty has control and maintains discipline ? Extra efforts for weak students Peer Appraisal: All the faculties are rated by their colleagues and the highlights of the peer appraisal to assess the professionalism are reproduced below: ? Submits departmental reports on time ? Adheres to departmental and college policies ? Participates in departmental and campus wide activities ? Co curricular activities Self Appraisal Each and every faculty member completes the self-appraisal procedure every year in the prescribed format. ? Results ? Training attended ? Paper publications in indexed journal ? Funded projects/ /Consultancy / Award and patents ? Quality of the projects Non - Teaching Staff The accountability and involvement of non - teaching staff are also assessed by the components ? Task Execution ? Skill upgradation ? Higher Studies ? Work Discipline & Maintenance

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/6.3.5.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Internal audit:

The institution has a well-defined mechanism to review the handling of funds. The scrutinizing and sanctioning of budget are well defined and transparent. All the department and administrative in-charges submit the annual budget to the Principal for scrutinizing, then forwarded to the Chairman for approval. The approved budget is communicated to the in-charges in order to prepare their monthly budget. The budget meeting is held during last Monday of every month. The annual income and expenditure statement is submitted by all department and administrative in-charges to the Principal for reviewing and it is forwarded to the Chairman. The accounts department keeps the record of all the expenditures after the verification of vouchers and bills.

External auditing

Statutory auditing norms are fulfilled by the Institution. The

annual financial statement is duly audited and certified by a Chartered Accountant at the end of every financial year. The auditor's report for the financial year is thereafter prepared by the Chartered Accountant. These procedure shows the transparency being maintained in financial matters. Reflecting the Institutions true and fair views in the financial position, operating expenses, and cash inflows.

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/6.4.1.pdf
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

77815

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

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

Mobilization of funds

The institution mobilizes the funds through the student fees who are admitted as per regulations laid by Tamil Nadu Government Higher Education. Another source of fund is through the internal revenue that is the interest obtained from deposits of fund. The other sources include: Workshop, Training & Consultancy, Participation fee in various conferences, seminars organized by the Institution, Establishment of Industry sponsored lab, and Research Project grants.

The financial resources obtain from other sources are utilized for

their respective activities.

Utilization of funds

The fund is optimally utilized for the Students, Staff, laboratory, infrastructure, Library, etc. The fund is utilized for students activities such as organizing symposium, the winners of technical symposium attended in other colleges are provided with TA/DA and registration fee, placement training and development programs, value added courses, trust awards, cash award for rank holders, achiever's day, guest lecturers and industrial visits.

The budgeted fund is utilized for development of the laboratory. Further, the Institution spends for the improving the infrastructure facilities such as classroom, laboratory, hostel, library, transport, etc. Therefore, the institution utilized the fund in an optimal way to provide a better environment for the students and staff both teaching and non-teaching.

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/6.4.3.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Training and Placement Activities:

The technologies of the fourth industrial revolution are being adopted by multiple public sector and private companies worldwide. Students, the future workforce, getting skilled in these technologies are a great challenge because of affordability, access, and availability of infrastructure in their region.

To train the youth and women students on advanced technology skills and prepare them for the future of work, Honeywell has partnered with ICT Academy to establish 25 Center of Excellence for Youth Empowerment. Through the center of excellence, students will be trained on advanced technologies such as cloud, big data,

networking, RPA, artificial intelligence, and machine learning and will be made industry-ready resources. St. Joseph's College of Engineering, Chennai has been recognized as Center of Excellence for Youth Empowerment to train Women students on Advanced IT Skills under Honeywell Student Empowerment Program.

Students Achievements:

Student achievement refers to the extent to which a learner has attained their short or long-term educational goals. Our students have participated in many national level competitions and bagged many awards and recognitions, a few of them are National Level Innovation Grant Program by IISc., Bangalore, Indian National Academy of Engineering (INAE) Conclave 2021, User Centered Design Hackathon by Nano Giants, Germany.

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/6.5.1.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Use and enrichment of ICT infrastructure

IQAC always encouraged teachers to utilize these tools in academic and laboratories. Practical sessions in laboratory courses, as well as end-of-semester project work, are used to provide students with experience learning opportunities. Student centric participative learning methods include presentation of Technical seminars by students on topics related to curricula and working towards innovative project awards at State and National level. In addition to this students involve themselves in making working models and exhibits to be showcased during inter-collegiate symposia. Our institution has student's chapters namely SAE, ISHARE, ASHRAE, IEEE, ISTE, OSA, BRSI, ICI, CSI and IWS which facilitate students to participate in project contest involving hands on learning

Teaching - Learning Evaluation:

The institution has a feedback system to evaluate the teachers by students. The regular evaluation of feedback on teaching

methodologies, course delivery, attitude, difficulties faced in the subject give a clear idea about the problems faced by the students. Feedback is properly analyzed and shared with the Principal, Dean, HODs and individual faculty members. The teaching-learning processes are reviewed, and improvements implemented, based on the IQAC recommendations.

File Description	Documents
Paste link for additional information	https://stjosephs.ac.in/A/6.5.2.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://stjosephs.ac.in/A/2.6.3.2.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	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

St. Joseph's College of Engineering's policy guidelines for admission, recruitment, and administrative function safeguard the interests of the students, faculty and staff members without any gender differentiation.

Measures taken towards gender sensitivity:

- The academic ambience of the college promotes sensitivity and respect for each other. All programs offered by the college are common to all- irrespective of genders without any bias or reservation.
- A gender friendly classroom environment and its overall management build harmonious relations between boys and girls. Equal participation of boys and girls in teaching learning process is ensured with allocation of responsibility of organizing technical events equally to both boys and girls.
- The institution aims to groom students to be self-reliant, specialists in their chosen discipline, effective communicators, respectful of different cultures, socially responsible, aware of their social and civic responsibilities, sensitive to gender issues with zero tolerance towards sexual harassment, women safety and security, and environmental consciousness.
- College makes efforts to maintain gender balance among the faculty members with more than 50% of female proportion.
- Similarly, the numbers of women in the housekeeping departments are also high. All new faculty recruits undergo an induction program to understand the needs, concerns and characteristics of diversified people including women in the campus.
- The college ensures the participation of women students in intra and inters institutional competitions and cultural activities.
- They are active members of cultural and sports and participate in District, University, State, and National and International level of competitions.

File Description	Documents
Annual gender sensitization action plan	https://stjosephs.ac.in/A/7.1.1(a).pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://stjosephs.ac.in/A/7.1.1(b).pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy

B. Any 3 of the above

Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

File Description	Documents
Geo tagged 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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste Management

- All departments and classrooms are provided with dustbins for dry wastage which are emptied every evening. Segregation of waste from dustbins is done regularly.
- From the kitchen and mess the food waste is collected and given to authorized agents for further processing.

Liquid waste management

- The College posses Sewage Treatment Plant to treat waste water more than 2,00,000 litres /day that are received through the underground pipe lines. The filtered water is pumped to the entire college garden through overhead tank and sprinkles.
- Special Bio-chemical wastes are disposed only after decontamination standard procedures.

E-waste management

- Most of the new electronic instruments and computers are purchased under 'Buy Back Scheme' so that we do not accumulate e-waste.
- All electronic equipment used in the campus are maintained and repaired to ensure minimum e - waste.
- UPS Batteries are recharged and repaired by the suppliers.

Waste recycling system:

- The water after the purification process is used for gardening.
- The one side printed papers used for further use, waste note books collected to use the note pads.
- The usable electronic components are used as spares for repair.

We don't have any Biomedical waste, Hazardous chemicals and radioactive wastes in our campus

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

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 disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

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

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

We believe in unity in diversity that's why our students respect the different religion, language and culture. We feel the college is our second home and all faculties like a family member.

We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations and to maintain the religious, social and communal harmony.

In these celebrations students wore the different attire representing the different states, religions and cultures.

Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

This also creates the inclusive environment in the college and society.

The Institutional initiatives towards cultural tolerance and harmony, regional, linguistic, communal socioeconomic and other diversities, includes the conduction of community based celebrations such as Onam, Deepavali, Christmas, Ifthar etc.

Our Social Cohesion activities include various events towards providing computer literacy, Village cleaning and hygiene drives and COVID awareness programmes etc.

In addition to the above the programmes that imparts the national

values such as Teachers day, Independence Day and Republic day also been conducted regularly.

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

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

Celebration of Independence Day:

The Independence Day (Aug 15) is celebrated in a befitting way with flag hoisting at the campus. This will be followed by the short meeting which reminds about the value of the freedom and the pain that the freedom fighters undergone. This will also be occasion to remember the soldiers and all those who protected the freedom of the country and democracy till this day.

Celebration of Republic Day:

The Republic Day (Jan 26) is celebrated in a befitting way with flag hoisting at the campus. The deliberation about the importance of republic status and the threats on the sovereignty of the Indian subcontinent, the role of cherishing the constitutional obligations, the status of India amidst the other countries etc.

Celebration of Gandhi Jayanthi- Swatchhta Pakhwada:

The Oct 2nd is celebrated in the campus. The students and inmates are encouraged to participate in the cleaning programs organized as per the direction of the swatchhta Pakhwada.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://stjosephs.ac.in/A/7.1.9(a).pdf
Any other relevant information	https://stjosephs.ac.in/A/7.1.9(b).pdf

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

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 programs etc., in support of the claims	View File
Any other relevant information	View File

<p>7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals</p>
<p>IFDHAR Our College celebrated Ramzan on 24th April 2022. All the Muslim students in our college underwent fasting within the campus.</p> <p>ONAM The festival of rice harvest was celebrated on 6th September 2022 with great spirituality and delight. All Malayali students participated with enthusiasm on this special occasion.</p> <p>TEACHERS DAY Our College celebrated the Teachers day as a special occasion from August 29 to Sep 5th 2022.</p> <p>VINAYAKA CHATHURTHI Our college celebrated Vinayaka Chathurthi on 31 August 2022, by decorating Ganesha's statue of our college temple with flowers.</p> <p>AYUDHA POOJA Our College celebrated Ayudha Pooja on 1st October 2022, by arranging Kolu for 9 days in our college.</p> <p>DEEPAVALI The festival of lights is celebrated with full delight and enthusiasm. Deepavali is the most expected festival by all. This</p>

year the festival of lights was celebrated on 22nd October 2022.

DEEPAM KAARTHIGAI DEEPAM The deepam celebrations took place in our college on 6th December 2022 with lamps lighted by the divine flame that is believed to fend off evil forces and escort ecstasy.

PADI POOJA The festival was celebrated on 6th December 2022 by decorating the holy steps of Ayyappa with flowers and silk clothes and lighting traditional lamp.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

1. CAREER ENHANCEMENT PROGRAMS

In the first year the focus is on improving the soft skills and problem solving ability of the students. The second year concentrates on BEC Training and C programming for enhancing their professional communication and programming language skills. The third year concentrates on the coding, training and testing skills done by My slate and Co cubes Online Assessment to assess the students overall capability. In the final year students undergo Data structures & Algorithm, Code fit training and AMCAT Assessment. Hence all the activities planned by the Training and placement cell aims at enhancing the students overall performance for their desired career goals.

2. CULTURAL HERITAGE CELEBRATIONS

Our practice of celebrating the festive occasions of all religions such as Vinayakar Chathurthi, Ifdhar, Christmas and Onam created a remarkable impact in maintaining religious and communal harmony among students and faculties. It paved way for the students to foster respect and strengthen the communal harmony among them. Religious Holiday is granted for all the students of various

religions to celebrate the special occasions. The students admission from various Religious background is considerably increasing every year. The outcome of this cultural heritage is evident from Stakeholder's Feedback.

File Description	Documents
Best practices in the Institutional website	https://stjosephs.ac.in/A/7.2.1.A.pdf
Any other relevant information	https://stjosephs.ac.in/A/7.2.1.B.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Business English Certificate (BEC)

Preface:

The Business English Certificate (BEC), a certification from Cambridge University, is a qualification in English for work. It is English language testing exam which will help the students to work with international organizations and to study business-related subjects in abroad.

Objective:

BEC is accepted globally by top multinational corporations well as education institutions and business schools. It aids to boost employability - get English Language skills needed to access the best jobs and to excel in business related studies with proven English language skills.

Evaluation:

There are three levels of Cambridge English Business exams: Business preliminary, Business Vantage and Business Higher. Each one is targeted at a different level and Cambridge English. The content for each exam is based on everyday work and business tasks and is designed to develop students' business English skills.

Outcomes:

All the second-year students are given BEC training for a week and

then they take the BEC examination, conducted by the Cambridge University in our campus. For the past eight years, our college is the best preparatory center and we have been awarded as the "South Asia's best 25 preparation center" by the Cambridge University.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

The primary objective of this educational institution is to create temples of knowledge so as to impart value based education to the present and future generations of our country. The main objectives are

- To exploit the maximum utilization of our Infrastructural & Learning resources, Research facilities to achieve consistency in Academic Excellence
- To impart industry oriented courses into the curriculum in order to strengthen employability among students
- To procure ample research funds from the Government and other funding agencies
- To attract more core company campus placements for Non-IT students

All our academic practices have compassion on Student centric programs comprising, traditional, contemporary as well as global practices in academic, co-curricular, extra curricular and sports activities for holistic development.