

Criteria - Wise - Data

1. TEACHING, LEARNING AND RESOURCES(TLR)			
1.1 Student strength (SS)			
1.1.1 UG (3 year program) - Sanctioned			
2022-2023	2021-2022	2020-2021	
1.1.2 UG (3 year program) - Enrolled			
2022-2023	2021-2022	2020-2021	
1.1.3 UG (4 year program) - Sanctioned			
2022-2023	2021-2022	2020-2021	
540	540	540	
1.1.4 UG (4 year program) - Enrolled			
2022-2023	2021-2022	2020-2021	
535	534	516	
1.1.5 UG (5 year program) - Sanctioned			
2022-2023	2021-2022	2020-2021	
1.1.6 UG (5 year program) - Enrolled			
2022-2023	2021-2022	2020-2021	
1.1.7 PG (1 year program) - Sanctioned			
2022-2023	2021-2022	2020-2021	
1.1.8 PG (1 year program) - Enrolled			
2022-2023	2021-2022	2020-2021	

1.1.9 PG (2 year program) - Sanctioned

2022-2023	2021-2022	2020-2021
177	189	189

1.1.10 PG (2 year program) - Enrolled

2022-2023	2021-2022	2020-2021
116	116	152

1.1.11 PG (3 year program) - Sanctioned

2022-2023	2021-2022	2020-2021

1.1.12 PG (3 year program) - Enrolled

2022-2023	2021-2022	2020-2021

1.1.13 PG Integrated - Sanctioned

2022-2023	2021-2022	2020-2021

1.1.14 PG Integrated - Enrolled

2022-2023	2021-2022	2020-2021

1.1.15 Ph.D Program - Sanctioned

2022-2023	2021-2022	2020-2021
1	5	5

1.1.16 Ph.D Program - Enrolled

2022-2023	2021-2022	2020-2021
1	5	5

Attachments for the metrics

No Attachments for this metrics !!!

1.2 Faculty student ratio (FSR)

1.2.1 Student Enrolment(S) - Male

2022-2023	2021-2022	2020-2021
1418	1286	1288

1.2.2 Student Enrolment(S) - Female

2022-2023	2021-2022	2020-2021
732	711	648

1.2.3 Student Enrolment(S) - Transgender

2022-2023	2021-2022	2020-2021

1.2.4 Teaching Staff (Excluding Visiting Faculty)(F) - Male

2022-2023	2021-2022	2020-2021
72	80	78

1.2.5 Teaching Staff (Excluding Visiting Faculty)(F) - Female

2022-2023	2021-2022	2020-2021
77	78	72

1.2.6 Teaching Staff (Excluding Visiting Faculty)(F) - Transgender

2022-2023	2021-2022	2020-2021

1.2.7 Non-Teaching Staff - Male

2022-2023	2021-2022	2020-2021
60	60	60

1.2.8 Non-Teaching Staff - Female

2022-2023	2021-2022	2020-2021
11	11	11
1.2.9 Non-Teaching Staff - Transgender		
2022-2023	2021-2022	2020-2021
Attachments for the metrics		
No Attachments for this metrics !!!		
1.3 Faculty Qualification and Experience(FQE)		
1.3.1 No. of regular faculty with Ph.D		
36		
1.3.2 No. of Faculty with experience upto 8 years		
53		
1.3.3 No of Faculty with experience 8+ to 15 years		
68		
1.3.4 No. of Faculty with experience more than 15 years		
45		
Attachments for the metrics		
<input type="button" value="File"/> Faculty Details <input type="button" value="1_1.c(i)FacultyDetails.xlsx"/> (http://159.89.167.203/kshecpportal/public/./storage/app/uploads/kirf/1302/1698491873-1302~1_1.c(i)FacultyDetails.xlsx)		
1.4(i) Online education(OE) - Online courses pursued by students		
1.4(i).1 Are students using any learning management system (LMS)?		
Yes		
1.4(i).2 Are students using any of the portal for online courses? (SWAYAM/NPTEL/ Others)		
Yes		

Attachments for the metrics

No Attachments for this metrics !!!

1.4(ii) Online education(OE) - No.of online courses offered by faculty

1.4(ii).1 No.of Online courses developed by faculty in Swayam Portal

1.4(ii).2 No. of Online courses developed by faculty in NPTEL Portal

1.4(ii).3 No. of Online courses developed by faculty in KSHEC Portal

Attachments for the metrics

No Attachments for this metrics !!!

1.5 Number of e-journal subscribed (SEJ)

1.5.1 Are you registered with N-List Facility

No

1.5.2 No. of e-resources / packages subscribed to other than N-List

2022-2023	2021-2022	2020-2021
8	7	7

Attachments for the metrics

[File](#) e-journals subscribed [2_1.eNo.ofe-journalssubscribed.xlsx_1-1.xlsx](#)

(http://159.89.167.203/kshecpportal/public/./storage/app/uploads/kirf/1302/1697712059-1302~2_1.eNo.ofe-journalssubscribed.xlsx_1-1.xlsx)

1.6(i) Financial Resources and their Utilization(FRU) - Annual expenditure on academic activities

1.6(i).1 Amount utilized for Libraries (in Rupees)

2022-2023	2021-2022	2020-2021
2465397	2589940	2023337

1.6(i).2 Amount utilized for Laboratory equipments (in Rupees)

2022-2023	2021-2022	2020-2021
3871118	2918082	65754

1.6(i).3 Amount utilized for Other equipment purchased for academic activities (in Rupees)

2022-2023	2021-2022	2020-2021
4683265	1115069	1379557

Attachments for the metrics

No Attachments for this metrics !!!

1.6(ii) Financial Resources and their Utilization(FRU) - Annual operational expenditure for operational activities

1.6(ii).1 Amount utilized for Salaries-Teaching and Non teaching staff (in Rupees)

2022-2023	2021-2022	2020-2021
101266946	94470716	81776842

1.6(ii).2 Amount utilized for Maintenance of academic infrastructure or consumables (excluding maintenance of hostels and allied services) (in Rupees)

2022-2023	2021-2022	2020-2021
7077000	4180000	4179000

1.6(ii).3 Amount utilized for Seminars/conferences/workshops (in Rupees)

2022-2023	2021-2022	2020-2021
309312	258616	159738

Attachments for the metrics

No Attachments for this metrics !!!

2. KNOWLEDGE DISSEMINATION AND RESEARCH EXCELLENCE(KDRE)

2.1 Research Productivity (RP)

2.1.1 Number of publications reported from Web of Science

2022-2023	2021-2022	2020-2021
209		

2.1.2 Number of publications reported from Scopus

2022-2023	2021-2022	2020-2021
243	223	193

2.1.3 Total number of regular faculty members

2022-2023	2021-2022	2020-2021
142	142	142

Attachments for the metrics

No Attachments for this metrics !!!

2.2 Research Impact (RI)

2.2.1 Total no. of citations from Web of Science

2022-2023	2021-2022	2020-2021
1628		

2.2.2 Total no. of citations from Scopus

2022-2023	2021-2022	2020-2021
1111	813	536

2.2.3 h-index of institution

2022-2023	2021-2022	2020-2021
180	140	96

Attachments for the metrics

No Attachments for this metrics !!!

2.3 Intellectual Property Rights(IPR)

2.3.1 No. of patents granted

2022-2023	2021-2022	2020-2021
		2

2.3.2 No. of patents published

2022-2023	2021-2022	2020-2021
1	4	2

Attachments for the metrics

No Attachments for this metrics !!!

2.4(i) Research Footprint/Consultancy/start ups(RFCS) - Sponsored research details

2.4(i).1 Total no. of sponsored projects

2022-2023	2021-2022	2020-2021
8	7	10

2.4(i).2 Total no. of funding agencies

2022-2023	2021-2022	2020-2021
3	3	4

2.4(i).3 Total amount received (in Rupees)

2022-2023	2021-2022	2020-2021
2491410	2728000	2116400

Attachments for the metrics

No Attachments for this metrics !!!

2.4(ii) Research Footprint/Consultancy/start ups(RFCS) - Consultancy services

2.4(ii).1 Total no. of Consultancy Projects

2022-2023	2021-2022	2020-2021
18	30	10

2.4(ii).2 Average Amount Received through Consultancy (in Rupees)

2022-2023	2021-2022	2020-2021
1627067	1071172	684400

Attachments for the metrics

No Attachments for this metrics !!!

2.4(iii) Research Footprint/Consultancy/start ups(RFCS) - Spin off companies/startups

2.4(iii).1 Total no. of Start ups

2022-2023	2021-2022	2020-2021
2		

2.4(iii).2 Total earnings

2022-2023	2021-2022	2020-2021

Attachments for the metrics

No Attachments for this metrics !!!

2.4(iv) Research Footprint/Consultancy/start ups(RFCS) - MoU's signed with the industry resulting in research

2.4(iv).1 No. of MoU's signed with the industry resulting in research

17

Attachments for the metrics

[File](#) List of MoU's signed with the industry resulting in research

[3_2.d.\(iv\).MoU.xlsx](#)

([http://159.89.167.203/kshecpportal/public/./storage/app/uploads/kirf/1302/1697635638-1302~3_2.d.\(iv\).MoU.xlsx](http://159.89.167.203/kshecpportal/public/./storage/app/uploads/kirf/1302/1697635638-1302~3_2.d.(iv).MoU.xlsx))

2.4(v) Research Footprint/Consultancy/start ups(RFCS) - Amount received from 2.4(i), 2.4(ii), 2.4(iii)

Attachments for the metrics

No Attachments for this metrics !!!

3. GRADUATION OUTCOME(GO)

3.1(i) Metric for university examinations (GUE) - UG

3.1(i).1 No. of students appearing for the examination-UG

2022-2023	2021-2022	2020-2021
388	308	398

3.1(i).2 No. of students graduating in minimum stipulated time -UG

2022-2023	2021-2022	2020-2021
227	225	356

Attachments for the metrics

No Attachments for this metrics !!!

3.1(ii) Metric for university examinations (GUE) - PG

3.1(ii).1 No. of students appearing for the examination-PG

2022-2023	2021-2022	2020-2021
100	136	91

3.1(ii).2 No. of students graduating in minimum stipulated time -PG

2022-2023	2021-2022	2020-2021
83	127	81

Attachments for the metrics

No Attachments for this metrics !!!

3.2(i) Metrics for entrance examinations(GEE)-UGC-NET/ JRF/CSIR

3.2(i).1 No. of students who have appeared for UGC-NET/JRF/CSIR

2022-2023	2021-2022	2020-2021

3.2(i).2 No. of students who have passed UGC-NET/JRF/CSIR

2022-2023

2021-2022

2020-2021

Attachments for the metrics

No Attachments for this metrics !!!

3.2(ii) Metrics for entrance examinations(GEE)-GATE/GRE

3.2(ii).1 No. of students who have appeared for GATE/GRE

2022-2023	2021-2022	2020-2021
68	46	30

3.2(ii).2 No. of students who have passed GATE/GRE

2022-2023	2021-2022	2020-2021
12	9	6

Attachments for the metrics

No Attachments for this metrics !!!

3.3(i) Placement and higher studies(PH) - Metrics for placement

3.3(i).1 No. of students placed (UG -3 year programs)

2022-2023	2021-2022	2020-2021

3.3(i).2 No. of students placed (UG -4 year / 5 year programs)

2022-2023	2021-2022	2020-2021
312	254	297

3.3(i).3 No. of students placed (PG -2 year programs)

2022-2023	2021-2022	2020-2021
44	63	39

3.3(i).4 No. of students placed (Integrated PG programs)

2022-2023	2021-2022	2020-2021

Attachments for the metrics

No Attachments for this metrics !!!

3.3(ii) Placement and higher studies(PH) - Metrics for higher studies

3.3(ii).1 No. of students selected for higher studies(PG)

2022-2023	2021-2022	2020-2021
15	13	39

3.3(ii).2 No. of students selected for higher studies(Ph.D)

2022-2023	2021-2022	2020-2021
		1

Attachments for the metrics

No Attachments for this metrics !!!

3.3(iii) Placement and higher studies(PH) - Average Salary

3.3(iii).1 Average salary of placed students

2022-2023	2021-2022	2020-2021
348000	356000	327000

Attachments for the metrics

No Attachments for this metrics !!!

4. OUTREACH AND INCLUSIVITY(OI)

4.1 Campus/Region Diversity (RD) -Percentage of Students from outside the state- (UG+PG+PhD)

4.1.1 Number of students from outside the State

2022-2023	2021-2022	2020-2021
16	14	12

Attachments for the metrics

No Attachments for this metrics !!!

4.2 Campus /Region Diversity (RD) - Percentage of Students from outside the country-(UG+PG+PhD)

4.2.1 Number of students from outside the country

2022-2023	2021-2022	2020-2021
3	2	2

Attachments for the metrics

No Attachments for this metrics !!!

4.3 Percentage of First Generation Learners (FGL)

4.3.1 Number of First Generation Learners (FGL)

2022-2023	2021-2022	2020-2021
534	528	495

Attachments for the metrics

No Attachments for this metrics !!!

4.4 Facilities for Differently Abled Students (FDA)

4.4.1 Walking aids / Buggy cars / Ramps / Lifts

Yes

4.4.2 Disabled friendly toilets

Yes

4.4.3 Braille / Special Labs / Audio visual aids including software

Yes

Attachments for the metrics

No Attachments for this metrics !!!

4.5(i) Social Inclusiveness(SI) - % of SC/ST/OBC/women/ Transgenders/differently abled among faculty ,students and non teaching staff

4.5(i).1 No. of Faculties in SC category

2022-2023	2021-2022	2020-2021
1	3	4
4.5(i).2 No. of Faculties in ST category		
2022-2023	2021-2022	2020-2021
4.5(i).3 No. of Faculties in OBC category		
2022-2023	2021-2022	2020-2021
20	23	23
4.5(i).4 No. of Faculties in Women category		
2022-2023	2021-2022	2020-2021
77	76	69
4.5(i).5 No. of Faculties in Transgender category		
2022-2023	2021-2022	2020-2021
4.5(i).6 No. of Faculties in Differently abled category		
2022-2023	2021-2022	2020-2021
4.5(i).7 No. of Non-Teaching Staffs in SC category		
2022-2023	2021-2022	2020-2021
4.5(i).8 No. of Non-Teaching Staffs in ST category		
2022-2023	2021-2022	2020-2021
4.5(i).9 No. of Non-Teaching Staffs in OBC category		
2022-2023	2021-2022	2020-2021
4	5	5
4.5(i).10 No. of Non-Teaching Staffs in Women category		

2022-2023	2021-2022	2020-2021
11	11	11
4.5(i).11 No. of Non-Teaching Staffs in Transgender category		
2022-2023	2021-2022	2020-2021
4.5(i).12 No. of Non-Teaching Staffs in Differently abled category		
2022-2023	2021-2022	2020-2021
4.5(i).13 No. of Students in SC category		
2022-2023	2021-2022	2020-2021
14	12	9
4.5(i).14 No. of Students in ST category		
2022-2023	2021-2022	2020-2021
9	8	7
4.5(i).15 No. of Students in OBC category		
2022-2023	2021-2022	2020-2021
171	152	146
4.5(i).16 No. of Students in Women category		
2022-2023	2021-2022	2020-2021
732	711	648
4.5(i).17 No. of Students in Transgender category		
2022-2023	2021-2022	2020-2021
4.5(i).18 No. of Students in Differently abled category		

2022-2023	2021-2022	2020-2021
1	2	2

Attachments for the metrics

No Attachments for this metrics !!!

4.5(ii) Social Inclusiveness(SI) - Economically Weaker Section (EWS)

4.5(ii).1 No. of Economically Weaker Section Students across all programs in the current year

323

Attachments for the metrics

No Attachments for this metrics !!!

5. SCIENTIFIC TEMPER AND SECULAR OUTLOOK(STSO)

5.1 STSO-QL - Initiatives/programmes organised/participated by students and faculty of the institutions reflective of scientific temper and secular outlook (details to be provided)

5.1.1 Write on Initiatives/ programmes on scientific temper and secular outlook in about 500 words

- a) The Institute organizes a number of extension activities to promote the institute's relationship with the neighborhood community and to sensitize the students towards community needs. The students actively participate in social service-related activities, leading to their all-round development. The college effectively runs National Service Scheme (NSS) and National Cadet Corps (NCC) units.
- b) The college undertakes various extension activities in the neighborhood community. NSS organizes a residential seven-day camp every year in the nearby village, and NSS volunteers carry out several activities addressing social issues, including cleanliness, blood donation camps, tree plantation, repairing hospital equipment and furniture, agriculture activities, water conservation, environmental awareness, women empowerment, etc.
- c) The students promote agriculture in the community by applying technological knowledge and modern tools.
- d) Our students are office bearers and volunteers of 'Rudhirasena,' a state-level forum that aims to spread awareness and create a culture of voluntary blood donation.
- e) In connection with the landslide at Kootickal, the staff and students of Civil Engineering assessed the structural competency of residential buildings in the area and provided technical support for their construction.
- f) As part of the Rebuild Kerala Initiative after the flood occurred in the year 2018 and 2019, our institution was delegated the works related to field investigation for the preparation of a detailed project report. The institution ensured quality assurance at the site by conducting random checks and suggested possible improvements wherever required. Our institution also provided road strength studies in Idukki district under the Rebuild Kerala Initiative works entrusted by LSGD, Government of Kerala, as part of post-flood and disaster investigation.
- g) The institution organized and conducted state-level "Young Innovation Awards" event, where school children were recognized and appreciated for their innovative ideas. Additionally, the students of our institution showcased innovative projects and developments to school children.
- h) Over the assessment period, the institute organized and conducted 200+ activities to sensitize students on social issues and promote holistic

development.

i) The students under the guidance of faculty member developed a system that can predict the occurrence of cloudbursts and assist in alerting farmers, civilians, meteorological centers, and climate change researchers about the possibility of a disaster, enabling them to save lives.

Impact & Sensitization: Exposure to extension and outreach activities sensitizes the students towards social issues and familiarizes them with legal and social remedies for matters like domestic violence, dowry, child abuse, beggary, drug abuse, victims of violence, the elderly and ailing, refugees, and displaced persons, etc. The conducted activities lead to the imbibing of values of social responsibility.

Attachments for the metrics

No Attachments for this metrics !!!

5.2 GT-QL- Adoption of green technology (details to be provided)

5.2.1 Write on green technology adopted in your institution in not more than 500 words

St. Joseph's College of Engineering and Technology, Palai (abbreviated as SJ CET), is a technical educational institution located in the picturesque village of Choondacherry, near Pala town, and is affiliated with APJ Abdul Kalam Technological University, Kerala. The college's motto is 'A College With A Difference'. The lush green gardens and well-designed infrastructure, spread across 58 acres, provide the perfect ambiance for learning and the development of our students.

The college has undertaken the following measures to make the campus eco-friendly, clean, and different from others, in line with our motto:

I. We have implemented facilities for alternate sources of energy and energy conservation measures.

1. Solar Energy (Total capacity of 210 kW) • Roof Top 10kW Solar Power Plant • Roof Top 100 kW Solar Power Plant • Ground-mounted 100kW Solar Power Plant
2. Biogas Plant • Plant 1 - St. Alphonsa Hostel • Plant 2 - St. Thomas Hostel
3. Arrangements for feeding campus-generated electricity into the KSEB Network by Wheeling to the Grid.
4. Use of energy-efficient ceiling fans and LED lights.
5. Proper disposal of E-Waste generated on the campus.
6. Regular servicing of equipment in labs to reduce excessive power consumption.
7. Steam cooking facilities in St. Thomas Hostel.

II. Management of various types of waste

Degradable waste

1. Biogas Plant • Plant 1 - St. Alphonsa Hostel • Plant 2 - St. Thomas Hostel
2. Wastewater Treatment Plant
3. Vermi Compost Unit

Non-Degradable waste

1. Use of Waste Paper Bins

2. Cellar for storing E-Waste.
3. Incinerator with a capacity of 2.20m x 1.70m x 10m Furnace, Chimney = 21m, operating once every fortnight.

III. Rainwater harvesting facilities on campus for water conservation, utilizing natural water sources to meet the daily water demand of 200 kiloliters.

1. Rainwater Storage Tanks • Tank in St. Augustine's Hostel with a capacity of 171,000 liters • Tank in Newton Block with a capacity of 39,000 liters
2. Groundwater Recharging Pond • Located near St. Mary's Hostel with a capacity of 551,3000 liters
3. Groundwater Recharging Well • Located near the Sewage Treatment Plant with a capacity of 245,000 liters
4. Bore Well Recharging • Located near St. Alphonsa Hostel with a capacity of 2,400,000 liters
5. Wells and natural ponds

IV. Other eco-friendly measures

1. Herbal garden and greenery on campus.
2. Maintaining a plastic-free campus.
3. Regular inspection of waterlines and fittings to reduce the possibility of leaks.
4. Initiative for a paper-free office and reuse of one-side paper for draft prints.
5. Restricted entry of vehicles on campus.
6. Conducting a green audit every year.
7. Organizing seminars and group discussions on environmental education as recommended by Haritha Keralam Mission.

St. Joseph's College of Engineering and Technology, Palai, has achieved a score of 85 with a B- grade in the Green Auditing of educational institutions. Following the recommendations of the auditing agency, Haritha Keralam Mission, the college has adopted the 'Green Campus' system for environmental conservation and sustainability.

Attachments for the metrics

No Attachments for this metrics !!!

5.3(i) Accreditation and rankings - NAAC

5.3(i).1 Grade obtained in NAAC Accreditation(If having valid NAAC Accreditation)

APPLIED FOR NAAC

Attachments for the metrics

Supporting Document

Grade Details

5.3(ii) Accreditation and rankings - SAAC

5.3(ii).1 Grade obtained in SAAC Accreditation(If having valid SAAC Accreditation)

NIL

Attachments for the metrics

Supporting Document

Grade Details

5.3(iii) Accreditation and rankings - No. of programmes accredited by NBA

5.3(iii).1 Total number of programmes in the institution (current year)

14

5.3(iii).2 No. of programmes with NBA accreditation

4

Attachments for the metrics

Programmes with NBA accreditation

(http://159.89.167.203/kshecpportal/public/./storage/app/uploads/kirf/1302/1697599622-1302~9_5.5NBA.xlsx)

5.3(iv) Accreditation and rankings - Rankings at national/international levels

5.3(iv).1 Rank obtained from NIRF Rankings

5.3(iv).2 Rank obtained from THE World University Rankings (if applicable)

5.3(iv).3 Rank obtained from Asia University Rankings (if applicable)

5.3(iv).4 Rank obtained from QS Rankings (if applicable)

Attachments for the metrics

No Attachments for this metrics !!!