

Criteria - Wise - Data

| 1. TEACHING, LEARNING AND RESOURCES(TLR) | | | |
|---|-----------|-----------|--|
| 1.1 Student strength (SS) | | | |
| 1.1.1 UG 2 Year programme- Sanctioned | | | |
| 2024-2025 | 2023-2024 | 2022-2023 | |
| 1.1.2 UG 2 Year programme-Enrolled | | | |
| 2024-2025 | 2023-2024 | 2022-2023 | |
| 1.1.3 UG (3 year program) - Sanctioned | | | |
| 2024-2025 | 2023-2024 | 2022-2023 | |
| 1.1.4 UG (3 year program) - Enrolled | | | |
| 2024-2025 | 2023-2024 | 2022-2023 | |
| 1.1.5 UG (4 year program) - Sanctioned | | | |
| 2024-2025 | 2023-2024 | 2022-2023 | |
| 600 | 540 | 540 | |
| 1.1.6 UG (4 year program) - Enrolled | | | |
| 2024-2025 | 2023-2024 | 2022-2023 | |
| 671 | 645 | 535 | |
| 1.1.7 UG (5 year program) - Sanctioned | | | |
| 2024-2025 | 2023-2024 | 2022-2023 | |
| 1.1.8 UG (5 year program) - Enrolled | | | |
| 2024-2025 | 2023-2024 | 2022-2023 | |
| 1.1.9 PG (1 year program) - Sanctioned | | | |
| 2024-2025 | 2023-2024 | 2022-2023 | |
| 1.1.10 PG (1 year program) - Enrolled | | | |
| 2024-2025 | 2023-2024 | 2022-2023 | |
| 1.1.11 PG (2 year program) - Sanctioned | | | |
| 2024-2025 | 2023-2024 | 2022-2023 | |
| 171 | 171 | 177 | |
| 1.1.12 PG (2 year program) - Enrolled | | | |
| 2024-2025 | 2023-2024 | 2022-2023 | |
| 122 | 112 | 116 | |

| | | |
|---|-----------|-----------|
| 1.1.13 PG (3 year program) - Sanctioned | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 1.1.14 PG (3 year program) - Enrolled | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 1.1.15 PG Integrated - Sanctioned | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 60 | | |
| 1.1.16 PG Integrated - Enrolled | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 59 | | |
| 1.1.17 Ph.D Program - Sanctioned | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 6 | 4 | 1 |
| 1.1.18 Ph.D Program - Enrolled | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 5 | 4 | 1 |
| Attachments for the metrics | | |
| No Attachments for this metrics !!! | | |
| 1.2 Faculty student ratio (FSR) | | |
| 1.2.1 Student Enrolment(S) - Male | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 1678 | 1560 | 1418 |
| 1.2.2 Student Enrolment(S) - Female | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 934 | 815 | 732 |
| 1.2.3 Student Enrolment(S) - Transgender | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 1.2.4 Teaching Staff (Excluding Visiting Faculty)(F) - Male | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 65 | 65 | 72 |
| 1.2.5 Teaching Staff (Excluding Visiting Faculty)(F) - Female | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 82 | 77 | 77 |

| | | |
|---|--|--|
| 1.2.6 Teaching Staff (Excluding Visiting Faculty)(F) - Transgender | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 1.2.7 Non-Teaching Staff - Male | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 60 | 60 | 60 |
| 1.2.8 Non-Teaching Staff - Female | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 12 | 12 | 11 |
| 1.2.9 Non-Teaching Staff - Transgender | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 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 | | |
| 30 | | |
| 1.3.3 No of Faculty with experience 8+ to 15 years | | |
| 52 | | |
| 1.3.4 No. of Faculty with experience more than 15 years | | |
| 65 | | |
| Attachments for the metrics | | |
| File | Faculty Details | 1_1.c(i)FacultyDetails1.xlsx |
| (http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762756280-1302~1_1.c(i)FacultyDetails1.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 | | |
| File | Number of students registered and passed the online courses. Provide list in excel sheet | |
| 1.4(i).xlsx | (http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762489696-1302~1.4(i).xlsx) | |

| | | |
|--|-----------|-----------|
| 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 | | |
| File List of online courses developed by faculties | | |
| 1.5 Number of e-journal subscribed (SEJ) | | |
| 1.5.1 No. of e-resources / packages subscribed to | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 6 | 6 | 4 |
| Attachments for the metrics | | |
| File e-journals subscribed 1.5 DVV_Library.xlsx (http://159.89.167.203/kshecpportal/public/./storage/app/uploads/kirf/1302/1762274866-1302~1.5 DVV_Library.xlsx) | | |
| File Receipt of subscription to e-resources endorsed by the HOI Library.pdf (http://159.89.167.203/kshecpportal/public/./storage/app/uploads/kirf/1302/1762510042-1302~Library.pdf) | | |
| 1.6(i) Financial Resources and their Utilization(FRU) - Annual expenditure on academic activities | | |
| 1.6(i).1 Amount utilized for Libraries (in Rupees) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 3195796 | 3621096 | 2634633 |
| 1.6(i).2 Amount utilized for Laboratory equipments (in Rupees) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 8322392 | 2113203 | 3871118 |
| 1.6(i).3 Amount utilized for Other equipment purchased for academic activities (in Rupees) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 418642 | 325207 | 369939 |
| Attachments for the metrics | | |
| File Supporting Documents to be endorsed by HOI Audited statements 2024-25.pdf (http://159.89.167.203/kshecpportal/public/./storage/app/uploads/kirf/1302/1762510042-1302~Audited statements 2024-25.pdf) | | |
| 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) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 120259762 | 111719849 | 101366946 |

| | | |
|---|-----------|-----------|
| 1.6(ii).2 Amount utilized for Maintenance of academic infrastructure or consumables (excluding maintenance of hostels and allied services) (in Rupees) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 10421364 | 10903661 | 7878588 |

| | | |
|--|-----------|-----------|
| 1.6(ii).3 Amount utilized for Seminars/conferences/workshops (in Rupees) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 2608297 | 886827 | 2806967 |

Attachments for the metrics

[File](#) Supporting Documents to be endorsed by HOI [First Page_Balance Sheet.pdf](#)
 (http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762510042-1302~First Page_Balance Sheet.pdf)

2. KNOWLEDGE DISSEMINATION AND RESEARCH EXCELLENCE(KDRE)

2.1 Research Productivity (RP)

2.1.1 Number of publications reported from Web of Science

| | | |
|-----------|-----------|-----------|
| 2024-2025 | 2023-2024 | 2022-2023 |
| 11 | 5 | 23 |

2.1.2 Number of publications reported from Scopus

| | | |
|-----------|-----------|-----------|
| 2024-2025 | 2023-2024 | 2022-2023 |
| 24 | 10 | 30 |

2.1.3 Total number of regular faculty members

| | | |
|-----------|-----------|-----------|
| 2024-2025 | 2023-2024 | 2022-2023 |
| 147 | 142 | 149 |

Attachments for the metrics

[File](#) Provide details of publications -Web of Science (WoS) in excel format [2.1.1.xlsx](#)
 (http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762499330-1302~2.1.1.xlsx)

[File](#) Provide details of publications -Scopus in excel format [2.1.2.xlsx](#)
 (http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762499330-1302~2.1.2.xlsx)

2.2 Research Impact (RI)

| | | |
|--|--|---|
| 2.2.1 Total no. of citations from Web of Science | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 49 | 24 | 55 |
| 2.2.2 Total no. of citations from Scopus | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 56 | 29 | 16 |
| 2.2.3 h-index of institution | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 22 | 22 | 4 |
| Attachments for the metrics | | |
| No Attachments for this metrics !!! | | |
| 2.3 Intellectual Property Rights(IPR) | | |
| 2.3.1 No. of patents granted | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| | 2 | |
| 2.3.2 No. of patents published | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| | 2 | 1 |
| Attachments for the metrics | | |
| <input type="button" value="File"/> | Details to be provided in excel format | <input type="button" value="2.3.xlsx"/> |
| (http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762499330-1302~2.3.xlsx) | | |
| 2.4(i) Research Footprints- Consultancy/Start Up/Spin Off Companies/Industry (RFCS) - Sponsored research details | | |
| 2.4(i).1 Total no. of sponsored projects | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 4 | 3 | 8 |
| 2.4(i).2 Total no. of funding agencies | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 2 | 1 | 3 |
| 2.4(i).3 Total amount received (in Rupees) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 83650 | 76421 | 2491410 |

| | | |
|--|-----------|-----------|
| Attachments for the metrics | | |
| No Attachments for this metrics !!! | | |
| 2.4(ii) Research Footprints- Consultancy/Start Up/Spin Off Companies/Industry (RFCS) - Consultancy services | | |
| 2.4(ii).1 Total no. of Consultancy Projects | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 4 | 6 | 18 |
| 2.4(ii).2 Average Amount Received through Consultancy (in Rupees) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 1871142 | 1060324 | 1627067 |
| Attachments for the metrics | | |
| No Attachments for this metrics !!! | | |
| 2.4(iii) Research Footprints- Consultancy/Start Up/Spin Off Companies/Industry (RFCS) - Spin off companies/startups | | |
| 2.4(iii).1 Total no. of Start ups | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| | 2 | 1 |
| 2.4(iii).2 Total earnings | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| | | |
| Attachments for the metrics | | |
| No Attachments for this metrics !!! | | |
| 2.4(iv) Research Footprints- Consultancy/Start Up/Spin Off Companies/Industry (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 | | |
| 22 | | |
| Attachments for the metrics | | |
| <input type="button" value="File"/> List of MoU's signed with the industry resulting in research to be <input type="button" value="2.4.xlsx"/> | | |
| (http://159.89.167.203/ksheportal/public/./storage/app/uploads/kirf/1302/1762499330-1302~2.4.xlsx) | | |
| 2.4(v) Research Footprints- Consultancy/Start Up/Spin Off Companies/Industry (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 | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 498 | 469 | 388 |

| | | |
|--|-----------|-----------|
| 3.1(i).2 No. of students graduating in minimum stipulated time -UG | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 336 | 283 | 227 |

Attachments for the metrics

[File](#) Supporting document countersigned by HOI [Graduation_UG.pdf](#)
 (http://159.89.167.203/ksheportal/public/./storage/app/uploads/kirf/1302/1762510077-1302~Graduation_UG.pdf)

| | | |
|--|-----------|-----------|
| 3.1(ii) Metric for university examinations (GUE) - PG | | |
| 3.1(ii).1 No. of students appearing for the examination-PG | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 116 | 112 | 100 |

| | | |
|---|-----------|-----------|
| 3.1(ii).2 No. of students graduating in minimum stipulated time -PG | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 110 | 103 | 83 |

Attachments for the metrics

[File](#) Supporting document countersigned by HOI [Graduation_PG.pdf](#)
 (http://159.89.167.203/ksheportal/public/./storage/app/uploads/kirf/1302/1762510077-1302~Graduation_PG.pdf)

| | | |
|--|-----------|-----------|
| 3.2 Metrics for entrance examinations (GEE) | | |
| 3.2.1 No. of students who have appeared for UGC-NET/JRF/CSIR/ GATE/GRE/ NEET-PG/MDS/SS/INI CET/ DNB PDCET/ GPAT/ PG-(LLM)/CLAT/AILET/ CTET/ TET/SET/ PG-ICAR /AIEEA/CUET | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 134 | 114 | 15 |

| | | |
|--|-----------|-----------|
| 3.2.2 No. of students who have passed UGC-NET/JRF/CSIR/ GATE/GRE/ NEET-PG/MDS/SS/INI CET/ DNB PDCET/ GPAT/ PG-(LLM)/CLAT/AILET/ CTET/ TET/SET/ PG-ICAR /AIEEA/CUET | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 23 | 28 | 3 |

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 -2 year programs) | | |

| 2024-2025 | 2023-2024 | 2022-2023 |
|---|-----------|-----------|
| 3.3(i).2 No. of students placed (UG -3 year programs) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 3.3(i).3 No. of students placed (UG -4 year / 5 year programs) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 299 | 371 | 312 |
| 3.3(i).4 No. of students placed (PG -2 year programs) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 58 | 40 | 55 |
| 3.3(i).5 No. of students placed (Integrated PG programs) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 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) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 28 | 24 | 19 |
| 3.3(ii).2 No. of students selected for higher studies(Ph.D) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 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 | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 338000 | 295000 | 348000 |
| Attachments for the metrics | | |
| No Attachments for this metrics !!! | | |
| 4. OUTREACH AND INCLUSIVITY(OI) | | |
| 4.1 Campus/Region Diversity (RD) - Students from outside the state | | |
| 4.1.1 Number of students from outside the State - (UG+PG+PhD) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 17 | 17 | 16 |
| Attachments for the metrics | | |
| No Attachments for this metrics !!! | | |

| | | |
|---|-----------|-----------|
| 4.2 Campus /Region Diversity (RD) - Students from outside the country | | |
| 4.2.1 Number of students from outside the country - (UG+PG+PhD) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 13 | 12 | 3 |
| Attachments for the metrics | | |
| No Attachments for this metrics !!! | | |
| 4.3 First Generation Learners (FGL) | | |
| 4.3.1 Number of First Generation Learners (FGL) | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 140 | 235 | 534 |
| Attachments for the metrics | | |
| No Attachments for this metrics !!! | | |
| 4.4 Facilities for Differently Abled Students (FDA) | | |
| 4.4.1 Braille / Special Labs / Audio visual aids including software | | |
| Yes | | |
| 4.4.2 Disabled friendly toilets | | |
| Yes | | |
| 4.4.3 Walking aids / Buggy cars / Ramps / Lifts | | |
| 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 Faculty in SC category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 3 | 3 | 3 |
| 4.5(i).2 No. of Faculty in ST category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 4.5(i).3 No. of Faculty in OBC category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 22 | 22 | 20 |
| 4.5(i).4 No. of Faculty in Women category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 82 | 77 | 77 |

| | | |
|---|-----------|-----------|
| 4.5(i).5 No. of Faculty in Transgender category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 4.5(i).6 No. of Faculty in Differently abled category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 4.5(i).7 No. of Non-Teaching Staff in SC category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 4.5(i).8 No. of Non-Teaching Staff in ST category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 4.5(i).9 No. of Non-Teaching Staff in OBC category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 2 | 2 | 1 |
| 4.5(i).10 No. of Non-Teaching Staff in Women category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 14 | 13 | 13 |
| 4.5(i).11 No. of Non-Teaching Staff in Transgender category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 4.5(i).12 No. of Non-Teaching Staff in Differently abled category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 4.5(i).13 No. of Students in SC category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 14 | 10 | 9 |
| 4.5(i).14 No. of Students in ST category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 2 | | 1 |
| 4.5(i).15 No. of Students in OBC category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 199 | 246 | 192 |
| 4.5(i).16 No. of Students in Women category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 934 | 815 | 732 |
| 4.5(i).17 No. of Students in Transgender category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |

| | | |
|--|-----------|-----------|
| 4.5(i).18 No. of Students in Differently abled category | | |
| 2024-2025 | 2023-2024 | 2022-2023 |
| 4 | 3 | 1 |
| 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 | | |
| 173 | | |
| Attachments for the metrics | | |
| No Attachments for this metrics !!! | | |
| 5. SCIENTIFIC TEMPER & SECULAR OUTLOOK(STSO) AND INNOVATION & ENTREPRENEURSHIP(IE) | | |
| 5.1 Scientific Temper and Secular Outlook (QL) | | |
| 5.1.1 Write on initiatives/programmes organised/participated by students and faculty of the institutions reflective of scientific temper and secular outlook (details to be provided) in about 500 words | | |

St. Joseph's College of Engineering and Technology (SJCET), Palai, has consistently fostered a culture of scientific inquiry, rational thinking, and secular values through a wide range of academic, research, and community-centred initiatives. The institution strives to nurture curiosity, evidence-based reasoning, and inclusiveness among students and faculty—qualities central to both scientific temper and a secular outlook.

A major institutional focus is on promoting research and innovation. The Innovation and Entrepreneurship Development Centre (IEDC) and Start-up Boot Camp conduct ideation camps, hackathons, prototype exhibitions, and technical boot camps to help students convert creative concepts into practical solutions. Events such as *Insendum*, *Innovators' Day*, and the *Research Conclave* encourage interdisciplinary participation, strengthening collaboration and fostering a spirit of inquiry. Faculty mentors guide student teams in developing socially relevant projects addressing challenges in clean energy, healthcare, assistive technologies, sustainable agriculture, and smart infrastructure.

Professional bodies including IEEE, CSI, ASME, and SAE regularly organize workshops, expert talks, and hands-on sessions on Artificial Intelligence, Internet of Things (IoT), Cyber Security, Robotics, and Renewable Energy Systems. These programmes help students understand the practical relevance of scientific and technological advancements while emphasizing safety, ethics, and sustainability. The Research Cell further promotes discussions on emerging scientific developments and encourages faculty and students to publish research papers, participate in conferences, and undertake funded research projects aimed at societal improvement.

To strengthen a secular outlook, the institution promotes inclusivity, mutual respect, and social harmony. The National Service Scheme (NSS) and Red Ribbon Club organize literacy drives, blood donation camps, health awareness programmes, anti-drug campaigns, and environmental conservation activities without any distinction of religion, caste, gender, or background. These outreach efforts encourage students to apply scientific knowledge and technical skills to uplift the community while upholding cultural and ideological diversity.

SJCET's dedication to social responsibility is further reflected in its development activities in the neighbourhood. Students actively participated in constructing **ten houses for underprivileged families** near the campus, demonstrating the institution's commitment to compassion, equality, and secular service.

The National Cadet Corps (NCC) Army Unit plays a significant role in building discipline, patriotism, and unity among students, reinforcing national integration and respect for all citizens. The institution also observes national and scientific events such as National Science Day,

Engineers' Day, World Environment Day, and Constitution Day. Eminent scientists, technologists, and social reformers are invited to deliver lectures that inspire students to adopt a questioning mindset and contribute meaningfully to society through scientific knowledge and innovation.

Faculty members further cultivate scientific temper and secular values through outcome-based teaching methods, case-study approaches, and open-ended laboratory experiments that develop analytical and critical thinking skills. Collaborative engagements with government bodies, research institutions, industries, and NGOs strengthen the application of scientific principles to real-world challenges.

Overall, SJ CET's academic, research, and co-curricular ecosystem reflects its strong commitment to fostering scientific temper and a secular outlook. By integrating innovation with inclusivity and rationality with compassion, the institution continues to mould socially responsible technocrats and citizens who uphold the values of reason, tolerance, and unity.

Attachments for the metrics

No Attachments for this metrics !!!

5.2 Adoption of Green Technology (GT) (QL)

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 (SJ CET), Palai, is strongly committed to environmental sustainability and has implemented several green technologies and eco-friendly practices to build a clean, energy-efficient, and sustainable campus. The institution integrates the principles of environmental stewardship into its infrastructure, academic processes, and community initiatives, nurturing environmentally responsible citizens and engineers. The college has been recognized and appreciated by the *Haritha Keralam Mission* with the Net Zero Carbon Kerala Through People Award and the Green Institution Award for its exemplary contributions to sustainability.

A major highlight of SJ CET's green initiatives is the installation of a solar power generation system. Rooftop solar photovoltaic panels with a total capacity of 280 kW contribute significantly to meeting the institution's electricity demand. The energy generated powers classrooms, laboratories, administrative offices, and hostels, thereby reducing dependence on grid electricity and minimizing carbon emissions. This initiative stands as a testament to SJ CET's vision of promoting renewable energy and sustainable operations.

The campus also features a well-designed rainwater harvesting system to ensure efficient utilization of natural resources. Rainwater collected from rooftops is channelled to underground storage tanks and recharge pits, replenishing the groundwater table. Additionally, the wastewater treatment and recycling system treats grey water from hostels and academic blocks, which is then reused for gardening and landscaping promoting water conservation and sustainability.

SJ CET has adopted an effective solid waste management system. Waste is segregated at the source into biodegradable and non-biodegradable categories. Organic waste is processed in composting units to produce manure used for maintaining the greenery on campus. Non-biodegradable and recyclable materials are periodically collected and handed over to authorized vendors. Furthermore, obsolete electronic components are managed responsibly through e-waste recycling with government-approved recyclers.

The beautifully maintained green campus is continuously enriched through tree plantation drives organized by the National Service Scheme (NSS) and the Nature Club. The plantation of native and medicinal trees in the *Star Forest* enhances biodiversity, improves air quality, and provides a serene learning atmosphere. Pathways and open areas are illuminated with energy-efficient LED lighting, further reducing energy consumption.

In line with its digital transformation goals, SJ CET has adopted paperless initiatives such as e-governance systems, online attendance, digital communication, and a Learning Management System (LMS), minimizing paper usage and encouraging eco-conscious behavior.

Regular awareness programmes, seminars, and workshops on sustainable technologies, renewable energy, waste management, and climate change are conducted by the NSS Cell and academic departments. Students and faculty also engage in green innovation projects such as solar-powered devices, smart irrigation systems, and eco-friendly materials.

Through these combined initiatives, SJCT Palai exemplifies its unwavering commitment to environmental preservation and green technology. The institution's proactive integration of renewable energy, efficient resource management, and environmental education stands as a model of sustainability in higher education, steadily advancing toward its goal of becoming a carbon-neutral campus.

Attachments for the metrics

No Attachments for this metrics !!!

5.3(i) Accreditations- State/National - NAAC

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

A

Attachments for the metrics

Supporting Document

(http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762510439-1302~NAAC_Grade Sheet.pdf)

Grade Details

(http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762337391-1302~6_5.3NAAC.xlsx)

5.3(ii) Accreditations- State/National - SAAC

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

Attachments for the metrics

Supporting Document

Grade Details

5.3(iii) Accreditations- State/National - No. of programmes accredited by NBA

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

15

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

6

Attachments for the metrics

File

Programmes with NBA accreditation

9_5.5NBA.xlsx

(http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762495164-1302~9_5.5NBA.xlsx)

5.4 Rankings- National/International

5.4.1 Rank obtained from NIRF Rankings

5.4.2 Rank obtained from THE World University Rankings (if applicable)

127

5.4.3 Rank obtained from Asia University Rankings (if applicable)

5.4.4 Rank obtained from QS Rankings (if applicable)

Attachments for the metrics

No Attachments for this metrics !!!

5.5(i) Innovation & Entrepreneurship (IE) - Student/Alumni Startups

5.5(i).1 How many startups have been officially registered by students or alumni in the last five years (with DIPP/KSUM/ROC)?

13

5.5(i).2 What percentage of your current students have participated in startup founding or co-founding (including through IEDC/KSUM)?

0.00038

Attachments for the metrics

File

Proof of Startup Registration [DIPP / KSUM / ROC registration certificates (any one per startup)]

File

List of Start Ups and Founders

5.5(i).1.xlsx

([http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762342107-1302~5.5\(i\).1.xlsx](http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762342107-1302~5.5(i).1.xlsx))

File

Institutional Summary Sheet

5.5(i).2.xlsx

([http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762342107-1302~5.5\(i\).2.xlsx](http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762342107-1302~5.5(i).2.xlsx))

5.5(ii) Innovation & Entrepreneurship (IE) - Incubation & Startup Support

5.5(ii).1 Does your university/college have an IEDC (Innovation & Entrepreneurship Development Cell) or incubation facility recognized by KSUM?

Yes

5.5(ii).2 What percentage of incubated startups have survived beyond 5 years?

5.5(ii).3 What percentage of incubated startups have received external grants/seed funding (e.g., KSUM, angel investors, VC, CSR Funds)?

Attachments for the metrics

Proof of Startup Continuity / Survival (Any one per startup: ROC active certificate, GST filing proof, operational website, DIPP renewal, or updated KSUM listing)

Proof of External Funding / Grant (Copy of KSUM sanction letter, investor MoU, grant approval, CSR sanction, or funding certificate)

Startup Survival Record Sheet
([http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762342107-1302~5.5\(ii\).2.xlsx](http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762342107-1302~5.5(ii).2.xlsx))

External Funding Record Sheet

5.5(iii) Innovation & Entrepreneurship (IE) - Faculty Involvement in Industry

5.5(iii).1 What percentage of academic faculty are actively involved in startups, consultancy projects, or serve on boards of operational companies?

0.014

Attachments for the metrics

Proof of Faculty Involvement (any one per faculty) [MoU / Agreement / Appointment Letter / Consultancy Contract / KSUM Startup Registration showing faculty's role]
(<http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762510439-1302~DIPP.pdf>)

Faculty Involvement Record Sheet
([http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762342107-1302~5.5\(iii\).1.xlsx](http://159.89.167.203/kshecportal/public/./storage/app/uploads/kirf/1302/1762342107-1302~5.5(iii).1.xlsx))

5.5(iv) Innovation & Entrepreneurship (IE) - Student Entrepreneurship Ecosystem

5.5(iv).1 How many active student entrepreneurship/innovation clubs or forums (e.g., IEDC, E-Cell, Business Club) are functioning with regular events?

1

Attachments for the metrics

[File](#) Proof of Club Activity / Functioning [Any one per club: Event reports, circulars, or photos of recent events (within the last academic year)] [Event Report.pdf](#)
(<http://159.89.167.203/kshecpportal/public/./storage/app/uploads/kirf/1302/1762510439-1302~Event Report.pdf>)

[File](#) Annual activity summary or event calendar [Activity Summary.pdf](#)
(<http://159.89.167.203/kshecpportal/public/./storage/app/uploads/kirf/1302/1762510439-1302~Activity Summary.pdf>)

[File](#) Active Clubs & Event Record Sheet [5.5\(iv\).1.xlsx](#)
([http://159.89.167.203/kshecpportal/public/./storage/app/uploads/kirf/1302/1762342198-1302~5.5\(iv\).1.xlsx](http://159.89.167.203/kshecpportal/public/./storage/app/uploads/kirf/1302/1762342198-1302~5.5(iv).1.xlsx))