# St. Xavier's Catholic College of Engineering

## Internal Quality Assurance Cell (IQAC)

### Benchmarks 2026-2027

| Sl.No. | Benchmark Parameters | Target | Authority Concerned |
|---|---|---|---|
| 1. Academic Performance | Graduation rate | **> =90%** | Faculty Members, HODs, Dean Academics |
| | Number of Students Graduated with First Class with Distinction | **> =20%** | |
| | Final year courses pass percentage | **>=95%** | |
| | Third year courses pass percentage | **>=90%** | |
| | First and Second year courses pass percentage | **>=80%** | |
| 2. Students in Technical Events & Courses | **Participation in Events**<br>First year - Nearby Institutions,<br>Second, Third and Final Years- Accreditation Institutions, NITs, IITs, Central Universities, MNC, Research Centers | **>=60%** | Mentors, Faculty Advisors, Club In charges, Dean Student Affairs |
| | **Awards**<br>State level Events<br>Nationals & International Events: | **>=15%**<br>**>=10%** | |
| | NPTEL Certification | **>=30%** | |
| | Credit Transfer | **>=10%** | |
| 3. Student Futuristic Performance | **Placement (all eligible students)**<br>• Highest salary<br>• Median salary | **100%**<br>**12 LPA**<br>**3.5 LPA** | Placement Coordinators, Placement Trainers, HODs, Dean Student Futuristic Services, GATE Coordinator, UPSC exam Coordinator, |
| | **Internship**<br>• Stipend Internship<br>• Public Sector/IITs,NITs<br>• MNCs<br>• Internship leads to placement | **100%**<br>**>=5%**<br>**>=5%**<br>**>=5%**<br>**>=5%** | |
| | **Industry Certification (Global Certification)**<br>Updation of profiles and Contribution in Social Media (Kaggle, Github/Gitlab, Leatcode, HackerRank- LinkedIn etc.) | **>=25%** | |
| | **Higher studies**<br>• Foreign universities<br>• Central Universities | **15 students**<br>**10 students** | |

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| | **Foreign language trainings** | **30** | HODs, Dean Student Affairs |
| | **GATE exam registration**<br>**GATE exam qualification**<br>(Prefinal and final years) | **20%**<br>**5%** | |
| | **Other Competitive Exam Qualification** (IIT-JAM/NET/SET/JRF/ GMAT/CAT/GRE/TOEFL/Civil Services/State government examinations) | **>=5%** | |
| | **Student Incubate**<br>**Entrepreneur**<br>(alumni) | **3**<br>**2** | |
| | **Outcome of Student Project**<br>**Publication- UG** Indexed Conference<br>**PG** (Indexed Journal- Scopus) | <br>**50% projects**<br>**75% projects** | |
| | **Patent Filing & publishing**<br>**Published**<br>**Grant** | **25% of projects**<br>**25% of projects**<br>**2 patents** | |
| | **Commercially viable product** | **2 products** | |
| **4. Faculty Academic Contribution** | **Professional Society Membership** | **30%** | Faculty Members, Swayam-NPTEL SPOC HODs |
| | **Online Courses** (Swayam-NPTEL Courses) – 1 per year (Curriculum & Course Design) | **100%** | |
| | **Offline FDP/ STTP Participation (minimum 6 days)** | **50%** | |
| | **Collaboration with Industry** (Faculty member has to undergo Industrial Training / Internship/ Internship Assessor/ Consultant (Micro / Mini Companies), Joint Collaborative publication, Project Proposal) | **30%** | |
| | **Resource Person-** Faculty member should deliver lectures in FDP/STTP | **30%** | |
| | **Video Lecture Creation** | **20% of course content** | |
| | **Faculty Support in Student Innovative Projects or research collaboration** (Every faculty member should support as a mentor, facilitator, etc. in student innovation projects in various events like hackathons, codeathons, ideathons, open research etc.) | **30%** | |

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| | **FDP Conduct**<br>(Every department should organize minimum 2 FDPs/STTPs per year (apply for funded FDP)) | **Each department 2 per year** | |
| **5. Faculty Contribution in Research & Innovation** | **Faculty Journal Publication**<br>● AP- 1 Scopus or 1 SCI journal per year<br>● Asso. & Prof. - 2 Scopus + 1 SCI or 2 SCI journals per year | **(100 SCI, 150 Scopus)** | Faculty Members, Dean Research |
| | **Faculty Conference/Book Publication**<br>Every faculty shall publish at least one publication in indexed conference, books, or book Chapters | **(150 Scopus)** | |
| | **Faculty Project Proposal**<br>● AP- 1 Minor project<br>● Asso. & Prof. – 1 Major Project | **50% of faculty should apply**<br>**2 projects should be sanctioned** | |
| | **Patent filing & publishing**<br>Filing<br>Publish<br>Grant | **50% of faculty per department**<br><br>**1 per department** | |
| | **Consultancy** | **At least 2 lakhs per department** | |
| | **Centre of Excellence/Research Lab** | **Additional Research Facilities other than curriculum** | |
| **6. Institute Level** | **Hackathon** | **6 intra college & 2 inter college event** | IIC incharges, Dean -SFS, Dean IQAC |
| | **CII-YUVA** | **8 events** | |
| | **MSME** | **8 Events and 5 project funding** | |
| | **EDC** | **8 Events, 1 incubate** | |
| | **StartUp** | **8 Events, 2 incubate** | |
| | **IPR** | **3 Events and Patent filing with the help of Adjunct IPR Expert** | |
| | **IIC** | **4-star rating** | |
| | **NIRF Innovation** | **Within Band** | |
| | **NIRF Ranking** | **Above 30 marks** | |
| | **NBA Score** (at least 3 departments) | **above 700 marks** | |

**Submission of the progress status for discussion and actions:**
**First week of**

**September 2026:** Discuss, collect data and submit the plan (means, methods and schedule) for the achievement of the Benchmarks

**January 2026:** Progress status of the Benchmarks and follow-up actions planned

**March 2027:** Progress status of the Benchmarks and follow-up actions planned

**June 2027:** Achievement status of the Benchmarks with Outcomes

**IQAC Coordinator** **Principal**