

FACULTY OF ENGINEERING

Action Taken Report (ATR) on IQAC Corrective Action Recommendations

Submitted to: Internal Quality Assurance Cell (IQAC)

The following is a status update from the Faculty of Engineering on the corrective actions identified by IQAC in which the Faculty of Engineering is a stakeholder. This report reflects action taken to date and support sought from IQAC/University administration to complete pending items.

Sl. No.	IQAC Recommended Corrective Action	Priority	Stakeholders	Action Taken by Faculty of Engineering	Current Status	Support Sought from IQAC / University Administration
1	Mandate Industrial Internship — Minimum 2-month compulsory internship/training/placement; centralised tracking portal; graduation requirement.	Immediate	All 4 stakeholders (3 consecutive years)	Internship has been incorporated into the BTech curriculum but we can give only during summer break. Record keeping shall be done as IQAC portal student portal shall be there and students are unable to get internships.	Implemented	Establishment of the centralised university-level tracking portal(for record keeping), and support in securing adequate internship/placement opportunities for students. (Also for two months in a stretch requires summer break of two months of students which is not possible.)
2	Integrate AI, ML & Data Science — University-wide AI Literacy elective, requested across Engineering, CS, Chemistry, Management, Pharma, Botany, Zoology.	Immediate	Alumni, Students, Teachers	It is there in curriculum of B.tech	Implemented	--
3	Communication & Soft Skills — Language labs, spoken English, presentation, email writing, mock interviews as credit-bearing courses.	Immediate	Employers (all 3 yrs), Alumni, Students	A Faculty member from English was recruited last year to address this gap. Personality Development Programme (PDP) classes are being conducted regularly to improve student communication skills.	Implemented / Ongoing	--
4	Upgrade Laboratory Infrastructure — Procure NMR in Science Faculty; VLSI/PCB facilities for ECE; dedicated annual capital budget for labs.	Immediate	Alumni, Students, Teachers	VLSI Lab is there. Cadence or equivalent software needs to be procured for upgradation.	Support Needed	Allocation of a dedicated annual capital budget for VLSI/PCB and other laboratory upgrades in ECE and allied departments.
5	Increase Industry-Academia MoUs — MoUs for internships, guest lectures, joint projects;	Immediate	Teachers (lowest parameter),	Industry representatives have been inducted as	Partially Implemented	CAOC assistance in formalising MoUs and organising core-

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	core company placement drives. (Lowest teacher-rated parameter for 3 years.)		Alumni, Employers	members of the Board of Studies (BoS) for CSE, ME, and EE. ECE has been directed to induct an industry member to its BoS on similar lines. MoUs are there in FET and more shall be done in future.	(3 of 4 core departments)	company placement drives.
6	Strengthen Placement Cell — Department-specific coordinators; aptitude training, technical interview prep, company awareness sessions.	Short-Term	Students, Alumni, Employers	Internship component built into curriculum; department-specific placement coordination is being organised at the Faculty level.	Support Required	Active support of CAOC/University administration is essential to strengthen placement drives and outreach to recruiters. For preparation specific team shall be hired at university level through CAOC which can take charges from students for placement trainings.
7	Project-Based Learning (PBL) & Electives — Semester-wise PBL in BTech; min. 3 tech-aligned electives/semester; CBCS strengthening; mandatory credited NPTEL certification.	Short-Term	Alumni, Students, Teachers	NPTEL certification is there in FET syllabus. Semester wise PBL is implemented in revised syllabus.	Ongoing	--
8	Competitive Exam Prep & PG Expansion — NET/GATE/CSIR/UPSC preparation as semester skill-enhancement electives; explore new skill-based programmes.	Medium-Term	Students (AY 23-24, 24-25)	Shared the mail for students to enrol in course run by university.	Ongoing	--

Additional Cross-Cutting Initiative: Alumni Engagement

Alumni interaction sessions are currently being conducted, and a formal schedule of alumni engagement activities for the coming semester is being prepared. This initiative directly supports the alumni-linked components of Corrective Actions 2, 5, 6, and 7 above.



Dean, Faculty of Engineering

Date: _____