

Techno College of Engineering Agartala

Maheshkhola, Agartala, West Tripura

Strategic Plan

2022-2027



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S.No.	Plan	Target	Action
1.	NIRF Ranking	Participate in 2023-24	1. Student outcomes improvement 2. Placements Quality Improvement 3. Research Publications 4. Perception
2.	ARIIA Ranking	1. Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus 2. Start-ups have received Grant / funding from Pre-Incubation/Incubation Centre/Facilities 3. Co-Incubation Partnership: Coincubation Partnership made with other Institutions either to offer incubation support (or) to receive incubation support 4. Idea / Prototype / Innovation have received Grant / funding from PreIncubation / Incubation Centre / Facilities 5. IP Granted and Published; Tech Transfer and Commercialised 6. Total Expense towards innovation, IPR and Startup	1. Programs needs to be conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation 2. I&E Programs Organized within the Campus 3. I&E Achievement of Students & Faculties interms of Awards/Recognitions 4. Short time & Elective / Core Credit in Innovation/IPR/Entrepreneurship 5. IPR Cell / Patent Facilitation Unit / Technology Transfer Centre 6. No of Innovations 7. No of Startups with CIN 8. No of Faculty as Founder & Co-Founder with DIN
3.	NAAC	To get A+ Grade in NAAC	1. NAAC PEER TEAM Comments action 2. SSR Preparation 3. IIQA Submission
4.	NBA Accreditation	To get accreditation for Civil/CSE/IT/ECE/EEE & Mech	1. To get ready in all aspects for NBA Accreditation To 2. prepare Compliance report & SAR in all aspects

5.	Teaching and Learning Plan	1. Development of smart class rooms with state- of- art facilities 2. Use of more LCD and laptops in teaching and learning 3. Extensive use of online Teaching and Learning resources (Google Classroom)	The points mentioned in plan have been initiated.
6	Curriculum Improvement	Curriculum Improvement as per the industry needs and suggestions given by IQAC, HOD & Principal Meetings.	Suggestions are noted and planning to implement in phased manner.
Research and Development Plan			
7.	Attract Funds for Research Projects	All departments needs apply for research proposals. And identify the sources for getting funding.	Applying more funded research projects proposals.
8.	To increase the faculty with Ph.D qualification	1. Encouraging more internal faculty members to pursue Ph.Ds 2. Recruiting more Ph.D's from reputed institutes.	Around 25 faculty are registered for Ph.D.
9,	Patents Applying	To strengthen in the area of patents/Students Innovation patents submission.	Plan has been initiated.
10.	Enhancing Quality Research Publications	To enhance publications in indexed journals	Focusing more on quality research papers. As on today more than 450 publications are there. Target is to increase to 500 by the end of 2023.
11.	Quality Improvement Schemes Funding (AICTE/DST)	Applying for more projects for grants.	To target for more quality improvement schemes.
12.	To increase the pass percentage	Incremental improvement of 5% every year	All departments have planned for improvement.

13.	Placements Quality Improvement.	<ol style="list-style-type: none"> 1. To target for only Annual salary package 3 lakhs and above placement drives 2. To enhance the Technical/Coding skills in students Professional 3. Communication Skills Core Companies plan 4. Internships 	A strategic plan has been prepared on the targeted points.
14.	Green Audit	<ol style="list-style-type: none"> 1. Procedure for Green Audit 2. Activities under Green Campus 3. Plastic free campus 	Implement Green Initiatives <ol style="list-style-type: none"> 1. Rain Harvesting Pits 2. Solid Waste Water Management.
15.	Energy Audit	<ol style="list-style-type: none"> 1. Energy Audit Recommendation 2. Electricity Bill Analysis 3. Use of Solar Power PV and analysis (No. of units reduction) 	Implement Usage of Non Conventional Energy
16.	Academic & Administrative Audit	Audit Internal/External every academic year.	Initiated and implementation every academic year.
17.	Infrastructural Facilities	Improvement in infrastructural Practices	As per the needs of the department/Institute immediately action has been taken.
18.	Enhance Engagement with Society and Industry Industry Interaction Plan	<ol style="list-style-type: none"> 1. Invite Industry experts for motivating students and provide practical knowledge. 2. Strengthen Campus placement and training facility by making more industry linkages. 3. Promote student to work on real projects for Industries. 	MoU's streamline process initiated and a committee constituted.
19.	Enhance alumni Engagement.	More interactions with alumni.	More interactive sessions and also include senior alumni in IQAC council as members.

Main Focus areas academic year wise

S. No.	Academic Year	Main Focus
1.	2023-24	<ol style="list-style-type: none"> 1. NIRF Ranking 2. ARIIA Ranking 3. Placements quality improvement 4. NBA of all Department 5. To get good score and grade in NAAC.
2.	2022-23	<ol style="list-style-type: none"> 1. Curriculum Improvement 2. Quality Faculty Recruitment 3. Strengthening IIIC Cell/MoU's 4. Research Projects/Research Centers/Industry collaborative Centers 5. Alumni engagement.
3.	2023-24	<ol style="list-style-type: none"> 1. Consultancy. 2. Start Ups/Incubation facilities.