NARULA INSTITUTE OF TECHNOLOGY

(An Autonomous Institute under the affiliation of Maulana Abul Kalam Azad University of Technology, West Bengal)
81, Nilgunj Road, Agarpara, Kolkata - 700 109, West Bengal

INSTITUTIONAL DEVELOPMENT PLAN (STRATEGIC PLAN) FOR AY: 2025–26 TO 2029–30

Accreditation, Ranking & Quality Assurance	Research, Innovation & Consultancy	Infrastructure, ICT & Learning Resources	Human Resource & Faculty Development	Industry Engagement & Collaboration	Student Outcomes & Holistic Development	Curriculum Design & Development	Teaching-Learning & Evaluation
NAAC: Progress from NAAC 'A' Grade (2022) to achieve NAAC A+ Grade by 2030 (subject to applicable accreditation framework).	Establish at least 5 Research Centres / Centres of Excellence (CoEs) in emerging technical areas by 2030.	Upgrade classroom infrastructure to convert smart classrooms to 100% across the campus.	Continue to conduct annual faculty competency, workload, and manpower-gap analysis across all departments.	Increase the number of active MoUs with reputed national and multinational industries and academic institutions to 50.	Improve overall employability and campus placement outcomes from 78% to 90% across departments.	Ensure effective implementation and continuous strengthening of NEP 2020, National Credit Framework (NCrF), and Academic Bank of Credits (ABC) provisions across all academic programmes.	Ensure 100% faculty participation in pedagogical training and modern ICT-enabled teaching methodologies.
NBA: Maintain and secure NBA accreditation for all eligible UG and PG programmes across the Institute.	Achieve 500 cumulative research publications in SCI / Scopus / WoS-indexed journals by 2030, emphasizing high impact.	Modernize and upgrade department laboratories according to emerging academic and research priorities.	Contitue to recruit qualified faculty in identified emerging and critical technological areas.	Establish industry-supported laboratories in priority technological domains.	Strengthen dedicated support for higher studies (GATE/GRE/CAT), competitive exams, and PSU career opportunities.	Revise curricula periodically (every 2–3 years) in alignment with AICTE guidelines, societal needs, and emerging technologies.	Strengthen learner-centric teaching-learning practices through flipped classrooms, experiential and problem-based learning, collaborative activities, and project-based pedagogical approaches."
NIRF Ranking: Sustain and improve ranking within the Top 100 Engineering Institutes in India under NIRF.	Secure at least 20 externally funded research projects and grants across departments.	Complete institution-wide ERP / MIS implementation for seamless academic and administrative governance.	Strengthen structured faculty mentoring, leadership development, and performance monitoring systems.	Expand structured industry-based internships, industrial visits, live industry projects, and industry certifications.	Enhance the conversion of Final Year Projects (FYPs) into quality research publications, patents, innovative start-ups, and achievements in national-level hackathons, with particular emphasis on increasing student research publications.	Introduce and strengthen courses in emerging technologies and interdisciplinary domains, promote Honours programmes, and facilitate the integration and transfer of credits earned through recognised MOOCs (NPTEL/SWAYAM) in accordance with applicable academic and regulatory guidelines..	Maintain a 100% pass rate and enhance student progression through modernized digital examination and evaluation systems.
IQAC & Quality Audits: Strengthen IQAC-led continuous quality improvement with regular academic, administrative, and infrastructure audits.	Achieve 500 patent filings and strengthen technology transfer and commercialization.	Strengthen LMS, virtual laboratories, and remote access to digital learning resources.	Increase faculty and student memberships in professional bodies (IEEE, IETE, IE, CSI, ASME, ASCE) and student chapters.		Promote international academic exposure through global collaborations, student and faculty exchange programmes, and internationally recognised certifications.	Embed interdisciplinary education, project-based learning, and industry-aligned certifications within the curricular framework.	

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	Incubate at least 10 student/faculty start-ups through a fully operational institutional incubation ecosystem.	Expand library subscriptions of e-journals, e-books, and digital databases based on curricular and research demand.	Explore the engagement of distinguished professionals from industry and academia as Professors of Practice (PoP) to enrich teaching-learning practices through professional expertise, practical insights, and academic-industry collaboration.		Strengthen remedial support for slow learners, enrichment for advanced learners, scholarships, counselling, and holistic sports/cultural activities.		
	Increase Ph.D.-qualified faculty strength from 35% to 50% by 2030.	Implement green-campus, energy conservation, water management, waste management, and a measurable carbon-reduction roadmap.					
	Strengthen consultancy revenue, CSR funding, and external institutional grants.						
	Expand active MoUs with reputed national and international academic, Industry, and research organisations and host regular conferences.						