MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade, NIRF India Rankings 2024 – Band: 201-300 (Engg.)
NBA Accredited – B.Tech. (CIVIL, CSE, CST, ECE, EEE, MECH), MBA & MCA

Action Taken Report Based on Feedback from Stakeholders

Academic Year: 2024-25

Sl. No	Stakeholder	Feedback	Action Taken	Outcomes / Achievements
1	Students	Students requested to conduct GATE exam training.	GATE exam training was conducted for interested students during working days from 3.00 to 5.00 PM. In addition, mock test series were acquired from an academy for the students to practice, evaluate their strengths and weaknesses, improve time management, and get familiar with the exam pattern.	A total of 22 students (CSE) successfully qualified for the GATE 2025.
		Students requested industry involvement in the internships and projects to gain real-time experience.	MoUs signed with industries for guest lectures, workshop, internships, and industrial visits. 1. MoU signed with company named as "**Standard Insight**". 2. MoU signed with company named as "**Edufer Technologies Private Limited**".	1. Consultancy projects received worth of Rs. 2,30,000/- 2. Conducted workshop – 67 were benefitted.

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		Students were demanding high end computer lab to perform AI related applications and projects.	A new AIML Lab was constructed and equipped with 72 workstations at NPL Block. Processor i7 -14th Generation RAM 32 GB DDR5 1 TB NVME M2 SSD	The upgraded laboratory facilities are being effectively used by students to support academic requirements as well as project-based activities.
		Students highlighted the need for awareness programs and assistance in preparing the necessary documents for information regarding scholarships.	Regular circulars and WhatsApp updates were shared to ensure timely dissemination of scholarship information, and faculty coordinators were appointed to support students in document verification and error-free application submission.	A significant number of students benefitted from the scholarship initiatives during the academic year 2024–2025. A total of 37 students received the HDFC Bank Parivartan's ECS Scholarship amounting to ₹12,95,000, while 50 students were awarded the Sita Ram Jindal Scholarship amounting to ₹6,09,600. Additionally, 16 students received the UGC National Scholarship for Postgraduate Studies totaling ₹43,50,000. In total, students received scholarships amounting to ₹62,54,600, reflecting the effective implementation of support measures and timely guidance provided.
		Students expressed the need for foreign language training to improve international prospects.	Japanese and German language training programs are offered by the institution.	Six students have successfully achieved the N5 level of the Japanese Language Proficiency Test (JLPT).

		Students highlighted the need for additional support to strengthen conceptual understanding and coding skills.	In response, a 24-hour Hackathon Challenge was organized at institute level to promote coding proficiency and problem-solving skills among students.	Students showcased enhanced coding skills, teamwork, and innovation. Thrishank K (21691A32C1) secured 2nd place in the IMPACTX 24-hour National Hackathon, while C. Balaji (23691A3214) won 2nd place among 135+ teams at HackFest2K25 with a prize of ₹15,000 and also participated in the 24-hour HackFest2K25 event at Puthur Siddhartha on 16 April 2025. Out of 560+ participants and 135+ teams, he achieved 2nd place and was awarded a cash prize of ₹15,000.
		Students expressed the need to upgrade the system configurations in Lab No. 7 and Lab No. 8 to support improved performance.	Laboratory No. 7 and 8 in the Circular Block were upgraded with 8 GB DDR4 RAM in 132 workstations, resulting in enhanced system performance and responsiveness.	The upgraded laboratory facilities are being effectively utilized by students for academic and project-related activities.
		Students expressed and demonstrated a need for enhanced communication and soft skill development.	APITA, an autonomous body of the Government of Andhra Pradesh, works to bridge the industry–academia gap and improve job opportunities. APITA conducted a program to strengthen students' aptitude and Python skills, supporting their technical preparation for recruitment drives.	As a result of the training and support initiatives, 33 students successfully secured placements.
		Students expressed the need to increase the number of activities conducted under various professional societies.	An IEI student chapter has been established, and multiple events have been organized under ISTE and IEI.	A student was honored with the ISTE Best Student Award by the ISTE AP Section.

			Additionally, the IEEE membership fee was sponsored for one faculty member.	
		Students expressed interest in undertaking offline internships during the semester break to gain practical exposure.	With the support of faculty members, all students completed offline internships.	A total of 59 second-year students completed various industry internships with stipends.
		Students and faculty highlighted the requirement for improved research infrastructure to enable research in advanced and emerging domains.	Facilities such as a 3D printer, high-energy ball mill, computerized lathe tool dynamometer, micro hardness tester, tubular furnace, EDM, tribometer, advanced welding equipment, wind tunnel, and corrosion tester are available in the institute to support research activities.	Students and faculty members are actively engaging in research and academic project work using the available facilities.
		Students expressed the need for simulation software to be integrated into the curriculum, especially for lab-based subjects.	MATLAB has been introduced in the Machine Dynamics Laboratory to support simulation-based learning and enhance practical understanding.	The implementation has positively impacted third-year students, and the updated syllabus reflecting this change is available in the R23 regulation.
		Students requested provisions for global exposure through international programs, collaborations, or exchange opportunities.	International MoUs and collaborations with foreign universities were established through the International Relations Cell.	A considerable number of students have received M.S. admissions in prestigious foreign universities, and as a result of international collaborations, two students have been selected for internships in South Korea.
		Students requested national and international events to strengthen their research skills.	To support research enhancement among students, MITS IEEE collaborated with IEEE CAS to organize a three-day virtual program on *Neuromorphic Computing and Logic-in-*	As a result of these initiatives, both students and faculty have gained exposure to emerging research domains, which significantly enhanced their

			Memory Computing Using Memory Devices, sponsored by IEEE CAS with funding support of USD 2,173 (₹1,81,185). Furthermore, MITS IEEE, along with the IEEE Nanotechnology Society, conducted a five-day Summer School on *Nano-Crystals*, sponsored by IEEE Nanotechnology with support of USD 4,418 (₹4,00,000).	technical skills, research capabilities, and understanding of advanced and evolving technologies.
		Students expressed interest in participating in international events.	The management granted approval for Mr. B. Mokshith, 3rd year ECE student, to participate in the IEEE Communication Society Conference held in Dubai and sponsored him with US $500.	The student enhanced technical competencies, acquired exposure to current global research trends, and developed professional networking at the international level.
		Students showed interest in taking the BEC (Business English Certificate, *Lingua Skills Course*).	In response, BEC/IELTS classes were conducted from 5:00 p.m. to 6:00 p.m. on weekdays to enhance their soft skills and strengthen communication proficiency.	The initiative resulted in notable improvements in students' communication, vocabulary, and presentation abilities. It strengthened confidence for professional and academic contexts, increased employability, and prepared students for international certification exams like BEC and IELTS. Furthermore, the sessions fostered teamwork, critical thinking, and problem-solving competencies.

		A request was made by faculty members and students to establish and install VLSI (CAD) Cadence software to strengthen laboratory and research activities.	To support academic and research activities, the management has installed VLSI Cadence software at a cost of ₹ 8 lakhs.	The facility is being actively used by students and faculty for project and research work, leading to a noticeable increase in UG/PG and faculty publications.
		Students requested enhanced industry linkages to support internships, hands-on exposure, and improved career readiness.	Expert lectures, hands-on workshops, and industrial visits were organized to bridge classroom learning with real-world applications. Sessions on Smart Grids, renewable energy systems, and underground cable laying provided students with valuable practical exposure.	Students gained valuable practical experience through industrial visits, workshops, and technical training, enhancing their understanding of industry practices and improving employability.
2	Faculty	The faculty members have requested the organization of a program to guide them through the processes of filing patents and applying for funded projects.	The R & D Department has organized a one-day workshop on Intellectual Property Rights (IPR), focusing on patentability, patent drafting, and the patent filing procedure.	A total of 95 patents have been published to date.
		Faculty members requested that the management consider providing incentives for SCOPUS- and SCI-indexed publications, as well as patents.	In response to faculty feedback, the MITS management introduced an incentive policy to support and encourage research publications.	The introduction of publication incentives led to a noticeable increase in faculty research publications for the year 2024–2025.
		Faculty recommended the introduction of a Best Research Award to motivate research excellence and acknowledge outstanding contributions.	The management approved the recommendation and introduced the Best Research Award. Dr. Rakesh Nath Tiwari from the ECE Department was honored for his outstanding research contributions.	The initiative boosted the research culture within the department. Faculty motivation and research productivity improved, and the recognition of excellence further strengthened the departmental reputation.

		Faculty suggested organizing interdisciplinary seminars and research-oriented sessions to strengthen cross-domain learning and enhance the student research culture	To promote collaborative learning and research engagement, interdisciplinary seminars and research-focused sessions were organized, involving faculty members from the Civil and Mechanical departments.	The activity fostered interdisciplinary learning and knowledge exchange, leading to 10 student publications in international conferences and improved faculty collaboration.
		Faculty requested installation of MATLAB software.	The management sanctioned ₹12 lakhs for the purchase of MATLAB software for the ECE Department. A yearly renewal license was ensured to maintain uninterrupted access.	The facility is being extensively used by students and faculty for research and project development, resulting in a noticeable increase in UG/PG student publications and faculty research output.
		Faculty members expressed the need to organize a professional development program to enhance their skills and competencies.	The management sanctioned ₹1,45,000 to conduct a professional development program on "Augmented Reality and Virtual Reality" for 40 faculty participants, facilitated by NITTTR, Chennai.	Faculties gained a comprehensive understanding of the principles, components, and applications of Augmented Reality (AR) and Virtual Reality (VR) technologies. Participants developed hands-on experience in AR/VR development tools, including content creation, interface design, and environment simulation.
		Faculties requested a professional development program on NEP 2020.	The management approved a budget of ₹2,81,000 for organizing a professional development program on "NEP 2020" for 30 faculty members in collaboration with NITTTR, Chennai.	Faculty developed a clear understanding of quality education, flexible curriculum design, modern assessment practices, and the alignment of educational systems with global standards.

		Faculty members requested the establishment of a modern research laboratory to support advanced learning and research activities.	The institution provided four high-end HP Z2 Tower G9 workstations (Intel® Core™ i7-14700 @ 2.10 GHz, 32 GB RAM, 64-bit OS, Windows 11 Pro) exclusively to support AI, Data Science, and R&D activities.	Faculty members are effectively using these systems to strengthen their research and development (R&D) initiatives.
3	Parents	Parents highlighted the requirement for strengthened placement support, emphasizing the need for improved aptitude and technical training, mock interview practice, and greater engagement with industry professionals.	In response to parental feedback, the department enhanced its placement and training support system by improving aptitude coaching and scheduling regular mock interviews with expert panels. Further, industry professionals from diverse sectors were invited to interact with students and provide insights into current industry expectations and career pathways.	The improved training initiatives resulted in increased student confidence, stronger interview performance, and enhanced technical skills. This led to substantial placement outcomes, with 131 students placed and a total of 217 multiple offers, indicating the effectiveness of the upgraded placement support system.
		Parents emphasized the need for students to improve their coding skills and receive better guidance in understanding code concepts.	The department conducted monthly CodeTantra assessments along with learning sessions and internal training to strengthen students' coding proficiency.	Improved coding skills have contributed to 74 student placements across multiple domains, marking growth in placement performance from the previous year.
		Parents expressed that the department needs to conduct more industry-interaction programs to enrich students' knowledge in line with industry requirements.	The CSE (AI and ML) department has signed multiple MoUs and organized guest lectures delivered by industry resource persons.	Students underwent summer internships with organizations with which MoUs had been signed.
4	Employer	Employers recommended increased industry involvement in internships and real-time projects.	In response to employer feedback, the department enhanced industry participation in internships and project activities through collaborations with companies offering real-time, practical experience. Furthermore, additional	To enhance industry–academia collaboration and align with current IT sector expectations, the Department signed MoUs with Inspire Softech Solutions, Chennai, and NASSCOM IT

			organizations were engaged to provide domain-specific internship opportunities that align with prevailing industry standards and expectations.	Sector Council. These partnerships aim to support student skill development, faculty upskilling, and opportunities for internships, live projects, and industry-focused training programs. Through these collaborations, 42 students secured internships across 9 reputed organizations.
5	Alumni	Alumni proposed the launch of funded programmes in emerging fields	Conducted a Five-Day ATAL FDP on "AI-Driven Water Management Solutions for Smart Cities".	A total of 110 participants benefited from the program, which enhanced faculty skills in interdisciplinary cybersecurity research and explored challenges and emerging opportunities at the convergence of AI and human-centered security.
		Alumni and industry experts recommended adding an additional hour to the Python skill enhancement courses.	An additional hour has been allocated to the Python skill enhancement course.	The additional practice time enabled students to enhance their understanding of Python concepts and strengthen their programming skills.
		Alumni requested updating the syllabus and strengthening training to align with modern industry technologies such as React and Node.js.	The institute conducted specialized training programs on Full Stack Development, CCNA, ServiceNow, and other industry-relevant platforms, enabling students to acquire hands-on skills aligned with current industry requirements.	A total of 14 students were placed, including 12 through CCNA training and 2 through Full Stack Development training, showcasing the positive impact of skill-based training programs.

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