

A Glimpse into MITS - Innovations, Achievements, and Beyond.

Message from the Vice-Chairman

It gives me great pleasure to address you through the third edition of MITS Pulse, a publication that continues to reflect the energy, accomplishments, and aspirations of the MITS Group of Institutions. Each edition of this newsletter showcases the vibrant academic culture we strive to cultivate — one rooted in curiosity, innovation, and holistic growth. The diverse achievements in academics, research, technical events, sports, and cultural activities featured here are a testament to the talent, dedication, and collaborative spirit of our students and faculty.

This edition comes at a particularly important time as we work collectively toward achieving NAAC Accreditation — a milestone that signifies our unwavering commitment to quality education and institutional excellence. The preparations for the NAAC peer team visit have brought out the best in our institution, reinforcing our sense of unity and shared purpose.

I extend my heartfelt appreciation to all faculty members, staff, and students for their outstanding efforts during this journey. Your dedication has strengthened our academic and administrative foundations. Kudos to the editorial team of MITS Pulse for

documenting our progress so effectively. May this platform continue to inspire and celebrate the spirit of MITS.



Mr. Biswajeet Panda
Vice-Chairman, MITS Group

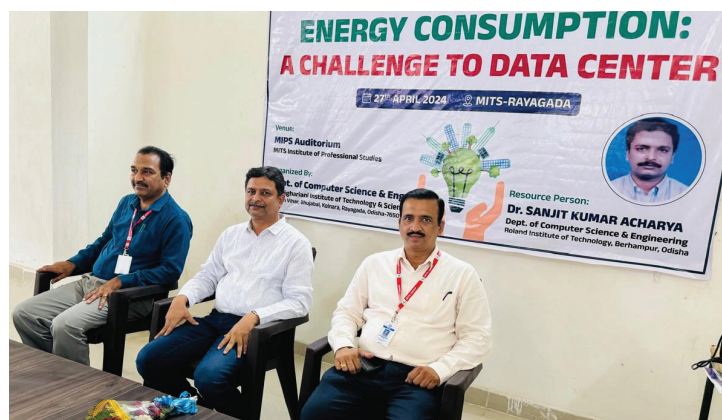
Energy Consumption: A Challenge to Data Centre

A seminar on "Energy Consumption: A Challenge to Data Centres" was held on 27th April 2024, bringing together industry experts, researchers, and professionals to discuss the growing energy demands of data centres and the need for sustainable solutions.

The seminar focused on key issues such as rising energy consumption, sustainability challenges, and cost-effective solutions for data centre operations. Experts shared insights on energy-efficient technologies, renewable energy integration, and AI-driven optimization strategies. Discussions also covered regulatory policies, carbon footprint reduction, and best practices for improving energy efficiency. Case studies of successful green data centres were presented, highlighting real-world applications of innovative solutions in reducing operational costs and energy wastage.

Participants actively engaged in discussions, Q&A sessions, and networking opportunities, making the

event a valuable platform for knowledge exchange. The seminar concluded with key takeaways on the importance of innovation, collaboration, and responsible energy management in ensuring a sustainable and energy-efficient future for data centres. The event was well-received, providing actionable insights for industry professionals, organizations, and policymakers looking to enhance data centre sustainability.



NAAC Peer Team Conducts Accreditation Visit at MITS



The National Assessment and Accreditation Council (NAAC) Peer Team visited Majhighariani Institute of Technology and Science (MITS) on 3rd and 4th June 2024 as part of the accreditation and assessment process. The visit aimed to evaluate the institution's overall performance in academics, research, administration, infrastructure, and student support services to ensure adherence to quality benchmarks in higher education. During the two-day visit, the team interacted with faculty members, students, and administrative staff to gain insights into the academic environment and institutional culture. They conducted thorough reviews of teaching-learning methodologies, curriculum design, research initiatives, faculty qualifications, & student engagement activities. The team also inspected various campus facilities, including classrooms, laboratories, the central library, research centers, hostel accommodations, & sports infrastructure.



In addition, the peer team examined governance policies, institutional best practices, and the effectiveness of student support systems such as placements, counseling, and extracurricular activities. The visit also included presentations from different departments showcasing their achievements, innovations, and contributions to the field of education. The visit concluded with a detailed feedback session, where the NAAC team



shared their observations and provided valuable recommendations for further enhancing institutional quality. The assessment process served as an important opportunity for MITS to highlight its strengths and commitment to academic excellence while identifying areas for continuous improvement. The insights gained from this visit will help the institution in its pursuit of higher educational standards and long-term development.



Industry Aligned Skill orientation for Academicians



Majhighariani Institute of Technology and Science (MITS) successfully organized an Industry-Aligned Skill Orientation for Academicians on 20th June 2024. The program aimed to equip faculty members with the latest industry trends, technological advancements, and skill-based teaching methodologies to enhance student employability and academic excellence.

The orientation featured expert sessions on Artificial Intelligence, Machine Learning, Data Analytics, Automation, Industry 4.0, and Digital Transformation. Industry professionals and academicians discussed the integration of real-world applications into the curriculum, emphasizing practical learning, research-driven education, and industry collaboration.



Participants engaged in interactive discussions, case studies, and hands-on sessions, gaining valuable insights into aligning academic programs with industry needs. The event concluded with key takeaways on modern pedagogical techniques and strategies to bridge the gap between education and the evolving job market. This initiative reaffirmed MITS's commitment to fostering industry-academia collaboration and preparing students for future career challenges.

Celebration of International Yoga Day: Yoga for Self and Society

Majhighariani Institute of Technology and Science (MITS) celebrated International Yoga Day on 21st June 2024, with the theme "Yoga for Self and Society." The event aimed to raise awareness about the significance of yoga in achieving physical, mental, and emotional well-being while promoting a healthier and more mindful society.

The celebration began with a mass yoga session, where faculty members, students, and staff participated in performing various asanas, pranayama (breathing exercises), and meditation techniques under the guidance of experienced yoga instructors. The session emphasized the role of yoga in improving concentration, reducing stress, and enhancing overall health.

Following the practical session, experts delivered insightful talks on the scientific benefits of yoga, its impact on lifestyle diseases, and its role in fostering inner peace and social harmony. Participants actively engaged in discussions on incorporating yoga into daily life for improved well-being.



Industrial Visit to **AMTZ Visakhapatnam**



On 16th April 2024, staff and students of Majhighariani Institute of Technology and Science (MITS) visited Andhra Pradesh MedTech Zone (AMTZ), Visakhapatnam, as part of an industrial visit aimed at enhancing practical knowledge and industry exposure. During the visit, participants explored various advanced medical technology manufacturing units, gaining insights into cutting-edge healthcare innovations, medical device production, and research advancements. Experts at AMTZ provided a detailed overview of manufacturing processes, quality control, regulatory frameworks, and emerging trends in the medical technology sector.

The visit offered students a valuable opportunity to interact with industry professionals, understand real-world applications of engineering and technology, and bridge the gap between academic learning and industrial practices. The experience reinforced MITS's commitment to providing hands-on learning opportunities to prepare students for future careers.



Outcomes Based Education and **CO PO Attainment Workshop**



MITS conducted a one-day workshop on Outcome-Based Education and CO-PO Attainment on 9th April 2024. The session aimed to enhance faculty understanding of Course Outcomes, Program Outcomes, their mapping, and assessment techniques. Experts provided insights into attainment calculation methods, rubric-based evaluation, and effective teaching strategies to improve student learning outcomes. Faculty members actively participated in discussions and hands-on exercises to strengthen assessment methodologies. The workshop concluded with a Questions & Answers session.



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Majhighariani Institute of Technology & Science

A MITS Group of Institute

✦ B.TECH
✦ B.C.A
✦ B.B.A

✦ Civil Engineering
✦ Electrical Engineering
✦ Mechanical Engineering

✦ Biotechnology Engineering
✦ Computer Science & Engineering
✦ Electronics & Communication Engineering



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