

STUDENT ASSOCIATION MASTER OF COMPUTER APPLICATIONS



NEWSLETTER

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**NMAM INSTITUTE
OF TECHNOLOGY**

FROM THE DESK OF HEAD OF THE DEPARTMENT



Dr. Mamatha Balipa,

Professor and Head,

Department of MCA NMAMIT Nitte

As the great American educator and author, James A. Garfield, once said, "Next in importance to freedom and justice is popular education, without which neither freedom nor justice can be permanently maintained." With this sentiment in mind, I am delighted to announce the release of our department's annual magazine, which showcases the various activities we conducted for the betterment of our students. This magazine provides a comprehensive overview of the events and initiatives that we organised over the past year to promote popular education and to empower our students with the knowledge and skills they need to succeed. At our department, we believe that education should not be limited to the acquisition of information or the development of skills. We aim to provide our students with a holistic educational experience that fosters their intellectual, social, and emotional growth. To this end, we organise a range of activities that engage our students in experiential learning, critical thinking, and collaborative problem-solving. From field trips and research projects to internships and community service programs, our initiatives are designed to develop our students into active, engaged citizens who are committed to making a positive impact on society. I invite you to peruse our annual magazine and to learn more about the innovative initiatives and inspiring accomplishments of our students over the past year. We are proud of the progress our students have made and the positive impact that our department has had on their lives. As we continue to strive for excellence in education, we remain committed to promoting popular education and to empowering our students to achieve their full potential.

We are also proud to announce that the MCA program at NMAM Institute of Technology is now accredited by the National Board of Accreditation (NBA). It is a testament to the high standard of education that is provided to our students.

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Teck-Kno'26 – Technical Fest

The Department of MCA, NMAM Institute of Technology, in association with Thought Grain Solutions, successfully organised Teck-Kno'26, a technical fest that brought together 104 participants from 18 undergraduate institutions. The event was designed to provide students with a platform to showcase their technical skills, enhance their problem-solving abilities, and experience industry-oriented recruitment processes.

The program was inaugurated by Mr. Arunachala Shetty, Co-Founder of Thought Grain Solutions. In his inaugural address, he emphasized the importance of adapting to the rapid advancements in Artificial Intelligence and encouraged students to embrace AI as a collaborative technology rather than a replacement for human capabilities. He also highlighted the need for continuous learning and proficiency in multiple programming languages to remain competitive in the evolving technology landscape.

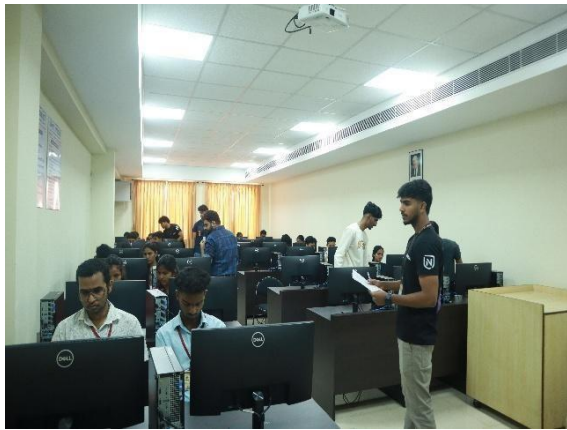
The Chief Guest, Dr. Gopal Mugeraya, Vice President -Technical Education, emphasised that while Artificial Intelligence has transformed various industries, it cannot replace human emotional intelligence, critical thinking, decision-making abilities, and common sense. He appreciated the Department of MCA for organising an industry-oriented event that bridges the gap between academia and industry. The program was presided over by Dr. Niranjana Chiplunkar, Principal, NMAM Institute of Technology, who stressed the importance of data-driven approaches and encouraged students to effectively utilise data in their academic projects.

The event featured a series of technical and HR interview rounds conducted by experts from Thought Grain Solutions, providing participants with valuable exposure to real-time recruitment practices followed in the IT industry. Students had the opportunity to assess their technical competencies, communication skills, and professional readiness while interacting with industry professionals. Participants were also given a guided tour of the institute's campus and its facilities.

The valedictory ceremony concluded with the announcement of the winners. Yenepoya College, Moodbidri secured the First Prize with a cash award of ₹10,000, Vijaya College, Mulki won the Second Prize with a cash award of ₹5,000, and N.S.A.M. First Grade College, Nitte secured the Third Prize.

Overall, Teck-Kno'26 served as an effective platform for enhancing students' technical expertise, analytical thinking, teamwork, communication, and interview skills while fostering industry interaction and preparing them for future career opportunities. Program Outcomes (POs) Mapped: PO1, PO2, PO3, PO5, PO7, PO8





Soft Skills & Placement Training

The Department of MCA, in association with the Placement Department, organised a six-day Soft Skills & Placement Training program in collaboration with Mahindra Pride Classroom and Naandi Foundation from 23rd March to 28th March 2026 at Nethravathi Seminar Hall, NC12, and NC36. The training program witnessed the active participation of 180 students and was conducted by experienced trainers Ms. Sadhika Bhanu, Mr. Suhas, and Mr. Adithya. The program aimed to enhance students' communication, interpersonal, and employability skills, preparing them to confidently face campus recruitment processes and professional challenges.

The training commenced with sessions on self-awareness and personality development. Students were introduced to the Johari Window concept to understand their strengths, areas for improvement, and interpersonal relationships. The trainers emphasized the importance of creating positive first impressions through effective body language, professional grooming, and personal hygiene. Interactive activities encouraged students to build self-confidence and develop a professional outlook.

The subsequent sessions focused on developing effective communication skills through extempore speaking, presentations, and group activities. Students learned the 7 C's of Communication—Clear, Concise, Concrete, Complete, Coherent, Correct, and Courteous—and understood their significance in professional interactions. The program also covered goal setting using the SMART framework, time management strategies, and techniques for balancing academic, professional, and personal responsibilities.

A major component of the training was dedicated to placement preparation. Students received practical guidance on interview techniques, resume building, email etiquette, adapting to industry expectations, and understanding job roles. The trainers introduced the concept of video resumes and explained the ABCD of Interviews—Appearance, Body Language, Content, and Delivery—to help students present themselves confidently during recruitment processes. Practical sessions involving mock interviews, face-to-face interactions, and real-world company scenarios enhanced participants' problem-solving, decision-making, and communication skills.

The program also included sessions on financial literacy, where students were introduced to concepts such as Recurring Deposits (RD), Fixed Deposits (FD), and the basics of stock market investments. Group discussions and collaborative activities helped students strengthen teamwork, active listening, and leadership abilities. The concluding sessions emphasized professional ethics, workplace values, and responsible behaviour, encouraging students to uphold honesty, respect, and integrity throughout their professional careers.

Overall, the Soft Skills & Placement Training program provided students with a comprehensive learning experience by combining theoretical concepts with practical activities. The program significantly enhanced students' confidence, communication abilities, interpersonal skills, and professional readiness, equipping them with the essential competencies required to succeed in campus placements and future careers. Program Outcomes (POs) Mapped: PO5, PO8.



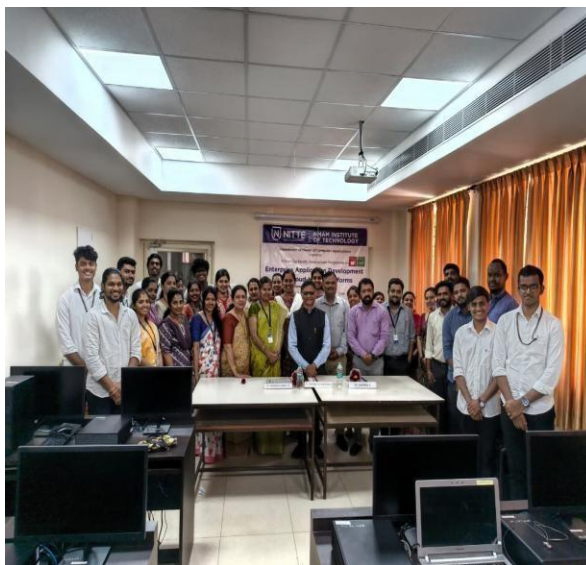
Four-Day Faculty Development Programme on Enterprise Application Development with Cloud-Native Platforms

The Department of MCA, NMAM Institute of Technology, Nitte, organised a Four-Day Faculty Development Programme (FDP) on "Enterprise Application Development with Cloud-Native Platforms" from 25th to 28th March 2026. The programme was conducted to equip faculty members with contemporary knowledge and practical skills in cloud-native technologies and modern enterprise application development. The FDP was led by Mr. Santhosh N., Vice President (R&D), Numocity, Bengaluru, who has over 19 years of experience in the IT industry across various technical and leadership roles.

The inaugural session commenced with a welcome address by Dr. Mamatha Balipa, Head of the Department of MCA, who emphasized the significance of faculty development programmes in bridging the gap between academic curricula and rapidly evolving industry requirements. Mr. Arhath Kumar, Assistant Professor, Department of MCA, introduced the resource person by highlighting his extensive experience and contributions in the areas of research, development, and enterprise technologies. In his keynote address, Mr. Santhosh N. introduced the concepts of enterprise applications and cloud-native platforms, providing participants with an overview of modern application architectures and cloud computing practices. He emphasized the importance of hands-on learning through technologies such as Docker and Kubernetes, which play a vital role in developing, deploying, and managing scalable enterprise applications. The presidential address was delivered by Dr. Niranjana Chiplunkar, Principal, NMAM Institute of Technology, who highlighted the need for educators to remain updated with emerging technologies to effectively prepare students for industry demands.

Over the four days, the FDP featured comprehensive sessions covering key topics including Cloud-Native Application Development Principles, Containerisation and Application Packaging, Container Orchestration using Kubernetes, Microservices Communication with Service Mesh, Serverless and Event-Driven Architectures, Cloud Cost Management and FinOps, and Hands-on Cloud-Native Development Practices. The sessions combined conceptual understanding with practical demonstrations and hands-on exercises, enabling participants to gain real-world experience in designing, deploying, and managing cloud-native applications. The inaugural session concluded with a vote of thanks proposed by Dr. Pallavi Shetty, Associate Professor, Department of MCA, expressing gratitude to the resource person, dignitaries, organizers, and participants for their valuable support and participation. The programme was compered by Ms. Premitha Kamath, Assistant Professor, Department of MCA.

Overall, the FDP provided faculty members with valuable exposure to the latest trends in enterprise application development and cloud-native technologies. The programme strengthened participants' understanding of modern software development practices, containerisation, cloud deployment strategies, and cost optimization techniques, thereby enhancing their ability to integrate industry-relevant concepts into teaching and research. Program Outcomes (POs) Mapped: PO1, PO2, PO3, PO4, PO5, PO8.



One-Day Hands-on Workshop on Data Analysis, Data Lakes and History of Data

The Department of Master of Computer Applications, NMAM Institute of Technology, organised a One-Day Hands-on Workshop on Data Analysis, Data Lakes and History of Data in association with Thought Grains Foundations, Udupi, on 30th March 2026 at the Sambhram Auditorium. The workshop was conducted for faculty members and students with the objective of providing a comprehensive understanding of modern data analytics concepts while offering practical exposure to industry-relevant tools and technologies.

The workshop was inaugurated by Mr. Arunachala Shetty, Director, Thought Grains Foundations, Udupi. The technical sessions were conducted by Mr. Arunachala Shetty, Mr. Gopal, Senior Software Engineer, and Mr. Hemanth, Director and Software Engineer, Thought Grains Foundations, Udupi. The resource persons introduced participants to the fundamentals of data analysis, the architecture and significance of data lakes, and the historical evolution of data technologies. They emphasized the growing importance of data-driven decision-making and highlighted real-world applications of data analytics across diverse industries. A major highlight of the workshop was the full-day hands-on session, where participants gained practical experience using various data analytics tools and software. The sessions included exploring GitHub repositories, working on real-world projects, understanding data lake concepts, and performing guided exercises to analyze datasets. Through these interactive activities, participants developed a deeper understanding of modern data analytics workflows and the practical implementation of data-driven solutions.

The workshop provided an engaging learning environment that effectively combined theoretical concepts with hands-on practice. The interactive sessions encouraged active participation, enabling attendees to strengthen their analytical and technical skills while gaining valuable insights into contemporary data technologies. A total of 180 students participated in the workshop.

Overall, the workshop proved to be an enriching learning experience, equipping participants with both conceptual knowledge and practical expertise in data analytics and data lake technologies. It enhanced their understanding of modern data-driven practices and prepared them to apply these concepts in academic projects, research, and industry applications. Program Outcomes (POs) Mapped: PO1, PO2, PO3, PO4, PO8.



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