

MITE

Department of Master of Computer Applications

BULLETIN 2025-26



MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

(A unit of Rajalaxmi Education Trust ®, Mangalore)

Autonomous Institute Affiliated to V.T.U., Belagavi, Approved by AICTE, New Delhi

Accredited by NAAC with A+ Grade & ISO 9001:2015 Certified Institution



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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS



ACTIVITIES

2025-26



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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

ACAS – Committee List

Name	Responsibility
Dr. K G Madhwaraj	Head of the Department
Mrs. Shwetha V. Bhat	Faculty Coordinator
Mr. Vivek Acharya	President
Mr. Alok Chandra	Vice President
Ms. Neha Rao	Secretary
Mr. Samuel Jestin Serrao	Joint Secretary
Ms. Nishmita V G	Treasurer
Ms. Sarika	Cultural Secretary
Ms. Ananya	Sports Coordinator



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Preamble

The Department of MCA has been supporting its students by participating in Curricular and Co–Curricular activities. ACAS (Association of Computer Application Specialists), was established on the 2nd of March 2024. All the students of MCA department are the members of the ACAS Forum. This forum provides ample opportunity for students to discover and exhibit technical skills, presentation skills, and communication skills in organizing various events. It gives wide exposure to the students to express and share their technical knowledge among their peers and also gives a view of department activities, achievements of staff and students. Under ACAS forum, the Class Toppers and University rank holders are felicitated every year with certificates of appreciation and cash rewards.



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ACAS 2025-26 ACTIVITIES LIST

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Activity - 1

- Title** : 3-day Hands-on workshop on “Essentials of Programming and Coding Practices”
- Resource Person** : Mr. Harish Kumar, Managing Director, Accolade Tech Solutions Pvt Ltd, Mangalore
- Date** : May 29th and 30th & June 1st 2026
- Venue** : Innovation Centre, Main Block

Profile of the Speaker:

Mr. Harish Kumar, Managing Director, Accolade Tech Solutions Pvt Ltd, Mangalore, has demonstrated exceptional leadership skills by managing a team of 25+ employees, overseeing executive leadership, company training, and media relations. He has developed ambitious business strategies and set both short term and long-term objectives for the company. Mr. Harish Kumar is actively involved in community and industry organizations. He has conducted over 50 technical talks and organized over 15 hands-on workshops for UG and PG Computer Science students.

About the Event:

The three-day technical workshop focused on strengthening students’ programming skills, problem-solving abilities, coding practices, and readiness for the software industry. The workshop began with an emphasis on programming fundamentals, covering problem-solving methodologies, algorithmic thinking, logical reasoning, program design, control structures, programming constructs, and efficient coding practices. Students participated in basic programming problems and logic-building exercises to develop their analytical and computational thinking.

The second session focused on industry-oriented coding practices. Participants learned the importance of writing clean, readable, maintainable, and well-structured code. Key areas included naming conventions, coding standards, code formatting, modular programming, and documentation, debugging, and testing. Practical activities enabled students to convert basic programs into industry-standard code and identify errors through debugging exercises.

The second day concentrated on logic building and coding exercises. Students worked on coding patterns, logical constructs, program optimization, structured problem-solving approaches, and techniques for improving code clarity and correctness. Logic-building challenges and program analysis activities provided opportunities to apply these concepts practically. An assessment session was also conducted to evaluate students understanding through hands-on coding tests, debugging exercises, solution optimization, and discussions on alternative approaches. Students identified common programming mistakes and gained insights into areas requiring further improvement.

The final day adopted a task-based learning approach involving realistic programming problems. Participants practiced requirement analysis, task decomposition, implementation, teamwork, code review, and application of best coding practices. They developed small real-world applications, completed practical programming tasks, and presented their solutions for peer review. A significant achievement of the workshop was the identification of the top six performers based on coding proficiency, problem-solving ability, overall performance, and adherence to best practices. These students were offered internship opportunities at Accolade Tech Solutions Pvt. Ltd., Mangaluru. The workshop concluded with presentations, evaluations, and valuable guidance from the resource person on career development, professional growth, and industry expectations.



Mr. Harish engaging the session



Students' involvement in the workshop



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Activity - 2

- Title** : Industry Specialization conclave on “Future Technologies: Security and Intelligent System”
- Resource Person** : Mr. Jai Kishore. K, Senior Director, Karanji Infotech Pvt. Ltd. Mangalore
Ms. Niveditha, Project Manager Gen AI Services, Karanji Infotech Pvt. Ltd. Mangalore
Mr. Mohammed Saqid, Global Delivery Head, Pace Wisdom Solutions, Mangalore
Mr. Abdul Rameez, Senior Security Analyst, Cyber Sapiens, Mangalore
Mr. Nihal, CEO, Eye Q Dot net Ptd. Ltd. Mangalore
- Date** : 19th February 2026 to 21st February 2026
- Venue** : Audi-2, Main Block

Profile of the Speaker:

Mr. Jai Kishore serving as Senior Director, Delivery & Operations at Karanji Infotech Pvt Ltd and previously associated with IBM Consulting, IBM India, Oracle, 3M, GroupM, Edelman, and other global organizations, he has led enterprise scale, multi-country digital programs across 73+ countries, managing global teams and delivering AI-powered automation, content ecosystem transformation, and cloud-driven growth initiatives. An IBM Certified Project Manager and Agile practitioner, he combines expertise in Agile methodologies, stakeholder management, AI/ML tools, analytics, and digital strategy to drive measurable business impact for Fortune 500 clients including IBM, BP, Oracle, Dell, HPE, and Tata Group.

Ms. Niveditha, is a project manager Gen AI services at Karanji Infotech Pvt Ltd, a dynamic professional with extensive experience in digital strategy, AI-driven initiatives, and project management, having worked across global organizations to deliver impactful business outcomes. She brings strong expertise in stakeholder management, Agile methodologies, content and campaign strategy, analytics, and digital transformation initiatives. With a proven ability to manage cross-functional teams and drive innovation through AI-enabled tools and automation, she has consistently contributed to enhancing operational efficiency, optimizing digital ecosystems, and supporting enterprise growth across diverse industries.



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Mr. Mohammed Saqib, Global Delivery Head at Pace Wisdom Solutions, Mangalore, is a techno-functional IT leader and entrepreneur with over a decade of experience in Software Development Life Cycle (SDLC) management, specializing in end-to-end project delivery including architecture, development, testing, implementation, and support. Currently serving as Global Delivery Head at Pace Wisdom Solutions, Mangalore, he leads global project execution, engineering strategy, and client engagement, having previously held leadership roles such as Delivery Manager and Engineering Manager, and earlier contributing at TietoEvry. An alumnus of MITE with a degree in Computer Science Engineering, he is also the CEO & Director of Jummpwhere, a platform focused on bridging academia and industry to enhance student employability and structured career development, reflecting his strong blend of technical expertise, leadership, and entrepreneurial vision.

Mr. Rameez, is a Senior Security Analyst with over four years of experience in Web and Mobile Application Security, VAPT, and Red Team Assessments. A graduate in Cloud Computing and Information Security, he has identified and reported 700+ security vulnerabilities across diverse client environments. His expertise includes Risk Management, API Pentesting, Network Security, and Black Box and White Box Testing. He is knowledgeable in compliance standards such as ISO 27001 and PCI DSS. Abdul is proficient with tools like Burp Suite, Metasploit, Nmap, Wireshark, OWASP ZAP, MobSF, and Kali Linux. He has successfully led security audit projects and delivered detailed remediation reports. He also conducts cybersecurity training, awareness sessions, and manages internship programs. His certifications include CEH, Certified Cyber Security and Threat Hunting Expert, CAP, and Certified Mobile Application Penetration Tester.

Mohammed Sheik Nihal is a seasoned Cyber Security Expert with over five years of industry experience and currently serves as the CEO of EyeQ Dot Net Pvt Ltd, a leading cybersecurity firm. He previously worked as a Cyber Crime and Cyber Forensic Advisor at CEN Crime Police Station Mangalore and has also contributed to academia as a Guest Faculty for MCA in Cyber Security at Srinivas University. His professional expertise spans Ethical Hacking, VAPT, Red Team Assessments, and cybercrime investigation. Over the years, he has held key roles including Lead Cyber Security Analyst at Amaco ERP Saudi, VAPT Engineer at FAM Biotech Mangalore, and Cyber Security Analyst at Cyber Sapiens United LLP. A B.Tech graduate, Mr. Nihal has ethically identified and reported security vulnerabilities in several prominent platforms such as Mobikwik, Tripadvisor, Evri, National Science Foundation, California Government, and HubSpot, among others, reflecting his strong technical proficiency and commitment to strengthening digital security.

About the Event:

The three-day technical workshop held from February 19 to 21, 2026, provided students with valuable exposure to emerging technologies, industry practices, and career opportunities in Artificial Intelligence (AI), Generative AI, Machine Learning (ML), and Cybersecurity.

On Day 1, Mr. Jai Kishore introduced students to the evolution of Artificial Intelligence, tracing its development from rule-based systems and machine learning to Generative AI. He highlighted AI's role in innovation, digital transformation, intelligent automation, and data-driven decision-making, while sharing real-world industry applications and emerging opportunities. Ms. Niveditha continued the day with a session on building careers in AI, particularly Generative AI and project management. She emphasized the importance of technical expertise, strategic thinking, problem-solving, adaptability, and continuous learning, while providing insights into industry expectations and career pathways.

Day 2 focused on Cybersecurity and AI/ML. Mr. Abdul Rameez introduced key cybersecurity concepts, including network security, ethical hacking, web vulnerabilities, data protection, and secure coding. Through practical demonstrations, he explained threats such as phishing, SQL injection, and cross-site scripting, along with techniques for preventing and mitigating vulnerabilities. Mr. Saqib subsequently discussed AI and ML fundamentals, future opportunities, government initiatives, and applications across healthcare, education, transportation, and agriculture. Particular emphasis was placed on Ethical and Responsible AI, including transparency, fairness, and accountability. The session also addressed common misconceptions and explored AI's potential contribution to sustainability.

On Day 3, Mr. Nihal delivered an informative session on Cybersecurity careers and industry requirements. He covered network security, vulnerability assessment, penetration testing, cloud security, and incident response, explaining their importance in protecting organizational assets. Students were also introduced to essential cybersecurity tools, certifications, career pathways, and the technical, analytical, and ethical skills required for professional success. Overall, the workshop enhanced students' awareness of emerging technologies, practical applications, industry expectations, and future career opportunities, while encouraging continuous learning and skill development.



Involvement of students in the session



Ms. Niveditha sharing valuable knowledge with the students



Activity - 3

- Title** : 2-day Hands-on workshop on “Cyber Security – Attack and Defense Mechanism”
- Resource Person** : Mr. Samarth Bhaskar Bhat, Technical Director, Reverse Engineering Infosec, Bangalore
- Date** : 13th February 2026 to 14th February 2026
- Venue** : Innovation Centre, Main Block

Profile of the Speaker:

Mr. Samarth Bhaskar Bhat is a cybersecurity professional and Technical Director with over six years of experience in information security architecture, application security, and penetration testing. He holds prestigious certifications including GIAC Web Application Defender, CEH, and multiple SANS credentials, and is a SANS CTF winner in network and web application penetration testing. He has audited 50+ business-critical applications across banking, finance, insurance, trading, e-commerce, and payment gateways, with expertise in OWASP Top 10, threat modeling, secure code review, SOC/DLP implementation, and cyber defense strategies. He has also served as a cybersecurity consultant to the Indian Air Force and law enforcement agencies, and has trained professionals across the country.

About the Event:

The two-day technical workshop held on February 13 and 14, 2026, provided participants with practical exposure to modern cybersecurity concepts, offensive security techniques, web application vulnerabilities, and attack-and-defense mechanisms. The workshop emphasized ethical and controlled learning environments, enabling students to understand how cyberattacks are performed and how appropriate security measures can be implemented to prevent them.

On Day 1, the first session focused on cybersecurity threats and exploitation techniques. Participants were introduced to the Metasploit exploitation workflow, payload creation, WebDAV attacks, password attacks, client-side attacks, and HTTP/HTTPS-based payloads. The session also covered wireless security fundamentals, including WEP, WPA/WPA2 Personal and Enterprise security, packet capturing, wireless interface configuration, and WPS vulnerabilities. Controlled demonstrations of wireless attacks and Denial-of-Service (DoS) attacks helped participants understand practical attack scenarios while maintaining an ethical and structured approach.

The second session concentrated on social engineering and email-based attacks. Students learned about human manipulation techniques, the Social Engineering Toolkit (SET), spear phishing, mass email attacks, multipronged attack strategies, and email spoofing using DNS, SMTP, and SMTPS. Fake websites and web-based social engineering techniques were also discussed. Practical activities included simulated spear-phishing and email-spoofing exercises, helping students recognize how attackers exploit human weaknesses in addition to technical vulnerabilities.

Day 2 focused on web application security and vulnerability assessment. Participants studied common vulnerabilities such as SQL Injection, XPath Injection, Cross-Site Scripting (XSS), Cross-Site Request Forgery (CSRF), Local and Remote File Inclusion (LFI/RFI), and command execution attacks. The concepts of web application scanning and the w3af scanning framework were also introduced, with emphasis on OWASP Top 10 vulnerabilities and their real-world implications.

The final session involved hands-on testing of web applications, vulnerability scanning, analysis of identified security weaknesses, and discussions on mitigation strategies and secure coding practices. The workshop concluded with interactive discussions, doubt clarification, and closing remarks, strengthening participants' practical cybersecurity knowledge and awareness.



Dr. Madhwaraj, HoD-MCA, welcoming the Resource Person



Mr. Samarth engaging the session



Activity - 4

Title	: Vision to Innovation: Applied Computer Vision for Real-World Solutions
Resource Person	: Dr. Kevin Joy D'Souza, AI Specialist - MResults Private Limited, Mangalore.
Date	: 13 th February 2026 to 14 th February 2026
Venue	: MCA Lab (PG Block)

Profile of the Speaker:

Dr. Kevin Joy D'Souza is an accomplished AI Solution Architect, Generative AI expert, and AI Life Coach with over a decade of experience across cloud AI solutioning, agentic AI systems, computer vision, health informatics, and applied deep learning research. He combines strong academic depth with real-world enterprise deployment expertise, enabling organizations to translate AI innovation into scalable business value.

His work emphasizes responsible, human-aligned AI, blending data, empathy, and system design to create intelligent and impactful solutions. Dr. D'Souza is equally recognized for his technical leadership and mentoring, having played a key role in building and scaling AI teams.

About the Event:

A two-day hands-on workshop on Applied Computer Vision for Real-World Detection and Recognition Systems was successfully conducted with the objective of bridging theoretical knowledge and practical implementation. The workshop focused on classical computer vision techniques and their applications in surveillance, access control, intelligent monitoring, and other real-world scenarios. The program emphasized innovation, application-oriented learning, and skill development in alignment with Institution Innovation Council (IIC) objectives.

The workshop was conducted by Dr. Kevin Joy, an accomplished AI specialist with expertise in computer vision, machine learning, and applied artificial intelligence. His industry and academic experience enabled him to effectively connect theoretical concepts with practical applications. He guided participants through hands-on demonstrations involving object detection, face recognition, video analytics, and system design.

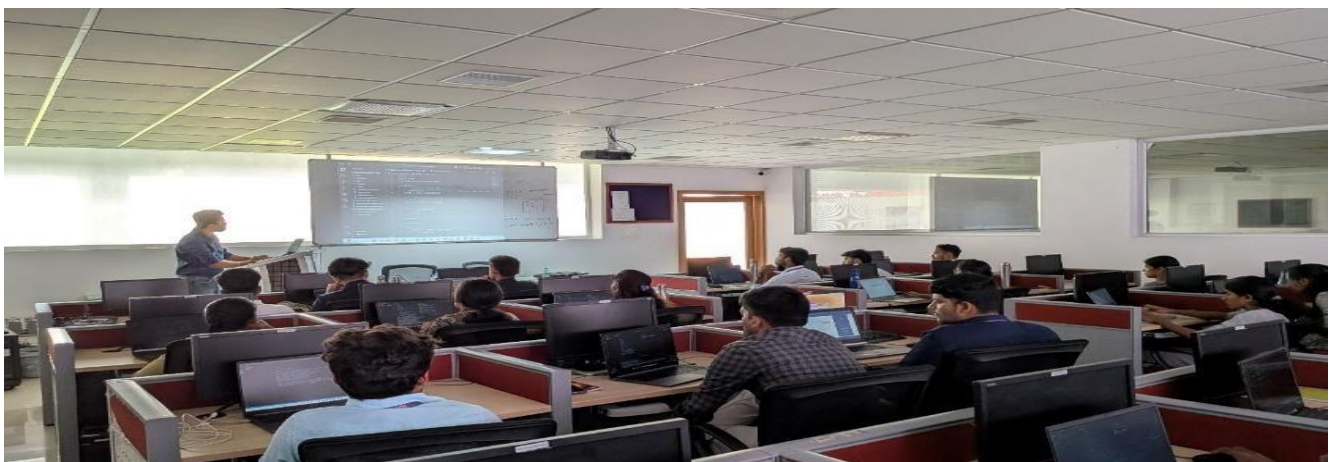
On Day 1, participants were introduced to the fundamentals of computer vision and object detection pipelines, including image preprocessing, feature extraction, classification, and post-processing. Practical exercises covered image and video processing, bounding-box annotation, and object detection. The second session focused on face detection using Haar Cascade classifiers and HOG with SVM, with participants implementing detection on images and live video streams and analyzing accuracy and false positives. The final session covered pedestrian detection using HOG-based features and SVM classifiers, highlighting challenges such as occlusion, scale variation, and lighting conditions.

On Day 2, participants explored face recognition using the Eigen faces method and PCA, including model training, accuracy testing, and analysis of limitations caused by pose and illumination variations. The next session introduced instance recognition through local feature extraction, key point detection, feature matching, and geometric alignment, with applications in product identification, logo detection, and augmented reality.

The workshop concluded with mini projects integrating detection and recognition techniques into functional systems. Participants presented their projects, discussed implementation challenges, and received expert feedback. Overall, the workshop strengthened practical computer vision skills, problem-solving abilities, system integration capabilities, and innovation-oriented thinking.



HOD introducing the resource person



Dr. Kevin Joy D'Souza delivering the session



Activity - 5

- Title** : Automate the Web: Innovative Web Data Scraping using Python
- Resource Person** : Mr. Santhosh Devadiga Kadri, Co-Founder TechBrew Solutions Private Limited, Mangalore.
- Date** : 5, 6 & 7 February 2026
- Venue** : Systems Programming Lab – Admin Block MITE
IDEA Lab – PG Block MITE

Profile of the Speaker:

Santhosh Devadiga Kadri is a technology professional with over 16 years of industry experience in software engineering, systems architecture, and applied artificial intelligence. He is currently the Co-Founder of TechBrew Solutions Private Limited, where he leads the design and development of intelligent, scalable solutions in the Healthcare, Legal, and MadTech domains.

He has previously served as a Senior Solutions Architect at Niveus Solutions and held multiple leadership and engineering roles at UniCourt India, contributing to large-scale, production-grade platforms. His professional expertise includes full-stack application development, API and microservices architecture, cloud-native systems, real-time data processing, OpenAPI-driven development, and quality engineering practices.

About the Event:

A three-day hands-on workshop on “Python Programming and Web Data Scraping” was successfully conducted to equip participants with foundational and practical skills in Python programming, ethical web data retrieval, data processing, and object-oriented application development. The workshop aimed to bridge the gap between theoretical programming concepts and real-world applications through hands-on exercises, live coding demonstrations, and micro-project implementation.

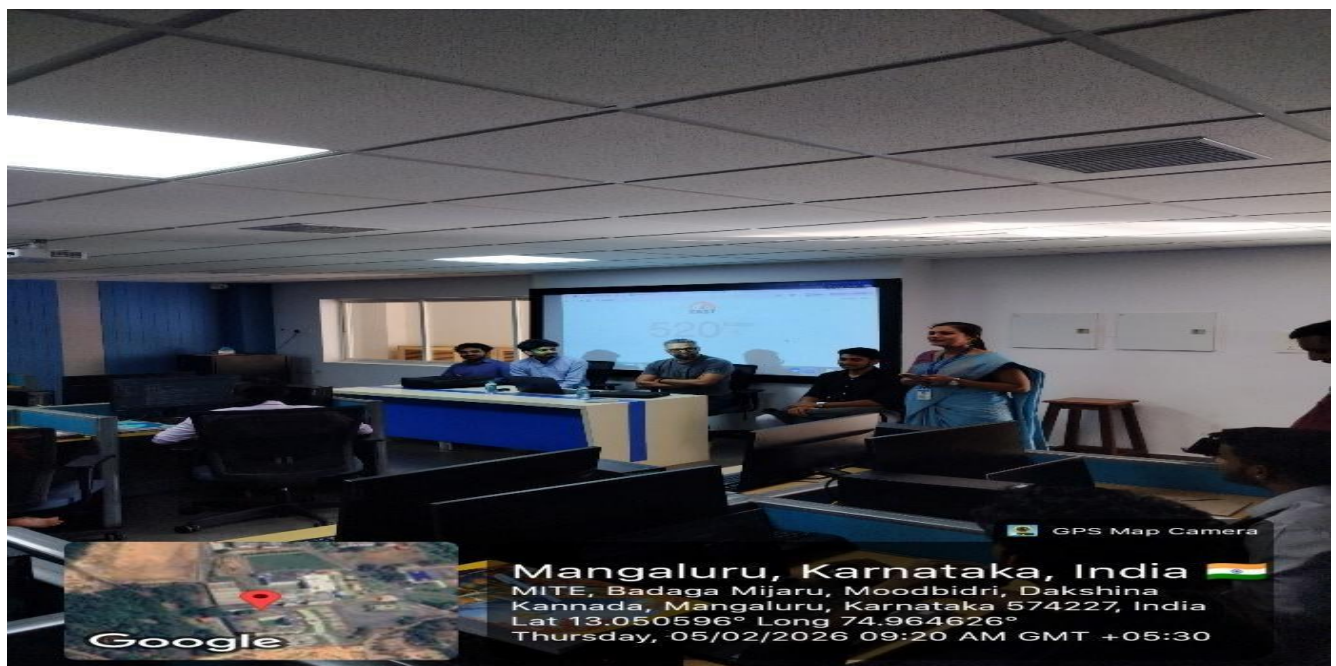
The sessions were led by Mr. Santhosh Devadiga Kadri, Co-Founder, TechBrew Solutions Pvt. Ltd., whose industry experience and practical examples enhanced the learning experience. The workshop was further supported by Mr. Manish, Mr. Shashank, and Mr. Karthik, who provided technical guidance and mentoring during practical and project sessions.

On Day 1, participants developed a strong foundation in Python programming, covering syntax, variables, data types, operators, control structures, and functions. Practical exercises helped students understand programming logic, program flow, and problem-solving techniques. The latter part

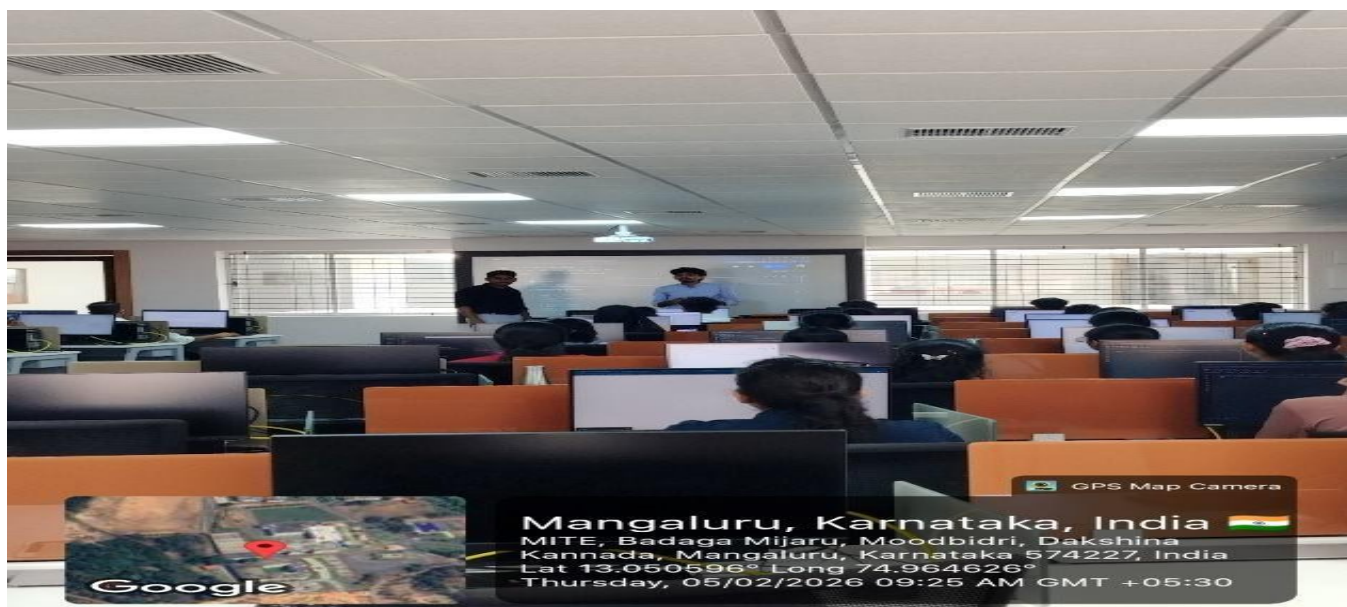
introduced web data scraping, including HTML structures, webpage inspection, and data retrieval using Python libraries. Ethical scraping practices and responsible data access were also emphasized.

Day 2 focused on Object-Oriented Programming (OOP), covering classes, objects, constructors, inheritance, encapsulation, and polymorphism. Participants applied these concepts to develop structured web scraping applications by organizing data retrieval, processing, and storage using classes and methods. Ethical practices such as rate limiting, checking robots.txt, and responsible data storage were reinforced through practical demonstrations.

On Day 3, participants learned to clean, organize, process, and analyze extracted web data to generate meaningful insights. The workshop culminated in a micro-project where participants independently selected a webpage, extracted and organized its data, implemented OOP principles, and performed basic analysis. Continuous mentoring and feedback helped participants overcome implementation challenges. Overall, the workshop strengthened participants' Python programming, web scraping, data analysis, and application development skills while promoting ethical and responsible approaches to web data retrieval.



Dr Anushree Raj introducing the resource person



Interaction of resource person with students



Activity - 6

Title	: Inauguration of Student Association “ACAS activities 2025-26”
Resource Person	: Mrs. Priya Gurushankar, Project Manager at Infosys Ltd, Mangalore
Date	: 20 th December 2025
Venue	: AUDI-4, PG Block.

Profile of the Speaker:

Mrs. Priya Gurushankar is an accomplished IT professional with over a decade of experience in the technology industry and is currently serving as a Project Manager at Infosys Limited, where she leads cross-functional teams and delivers high-quality solutions aligned with business objectives. Her professional journey includes key roles at reputed organizations such as Eurofins IT Solutions India Pvt. Ltd., Unisys India, Capgemini, and IGATE, giving her rich exposure to project management, business analysis, technical leadership, product ownership, and agile delivery across diverse domains. As an Agile Product Owner, she brings strong expertise in product strategy, roadmap planning, stakeholder management, requirement elicitation, and process improvement, and her ability to translate complex business needs into effective technical solutions, combined with her leadership and communication skills, makes her an inspiration to aspiring professionals in the IT industry.

About the Event:

The Association of Computer Applications Students (ACAS) activities inauguration for the academic year 2025–26 was organized with the objective of encouraging active student participation in academic and extracurricular activities while promoting overall development, innovation and professional growth. The programme commenced with a prayer, followed by a warm welcome by Deepa Shetty, a second-year MCA student, to the Chief Guest, Mrs. Priya Gurushankar, Project Manager at Infosys Limited, Principal Dr. Prashanth C M, Directors, Deans, Heads of Departments, faculty members and students of MCA. Following the floral welcome, the department magazine, ‘TECH BARAHA’, was unveiled by the Chief Guest in the presence of the Principal and Head of the Department.

Mrs. Shwetha V Bhat, Faculty Coordinator of ACAS, introduced the newly elected office bearers for 2025–26. Mr. Vivek Acharya assumed the role of President, supported by Mr. Alok Chandra as Vice President, Ms. Neha Rao as Secretary, Mr. Samuel Jeston Serrao as Joint Secretary, Ms. Nashmita as Treasurer, Ms. Sarika as Cultural Secretary and Ms. Ananya as Sports Coordinator.

The newly elected President delivered the inaugural address, outlining plans for technical workshops, coding competitions and an inter-college technical fest to promote innovation and collaboration. The annual report was presented by Secretary Ms. Neha Rao, highlighting the association’s achievements

during the previous year. Academic toppers from the first and second semesters were honoured for their outstanding performance.

Dr. Madhwaraj K G, Head of the Department of MCA, emphasized the importance of utilizing ACAS clubs effectively under faculty guidance. The Chief Guest encouraged students to bridge the gap between academia and industry and develop skills aligned with real-world requirements. Principal Dr. Prashanth C M delivered the Presidential Address, inspiring students towards continued growth and excellence.

The programme concluded with a vote of thanks by Vice President Alok Chandra. As part of the celebrations, Mrs. Priya Gurushankar delivered a technical talk on Artificial Intelligence in Project Management, offering valuable insights into AI applications, the Software Development Life Cycle and the evolving strategic role of project managers.



Inauguration of ACAS Activities



ACAS office-bearers for the academic year 2025-26



Activity - 7

Title	: PG Orientation Program 2025 Batch
Date	: 3rd November 2025
Venue	: AUDI-4, PG Block.

About the Event:

An Orientation Programme for the MCA Batch of 2025–27 was conducted on 3rd November 2025 at Mangalore Institute of Technology & Engineering (MITE), with around 400 participants, including students and parents. The programme was organized to provide a warm and meaningful introduction to postgraduate education and familiarize the new students with MITE's academic environment, values, culture and opportunities.

The programme commenced with the ceremonial lighting of the lamp, symbolizing the auspicious beginning of the students' journey towards knowledge and learning. Dr. Prashanth C. M., Principal, MITE, delivered the welcome address and highlighted the institution's achievements in academics, research, industry collaborations and innovative programmes. He encouraged students to make effective use of the opportunities and facilities available at the institution.

Dr. Madhwaraj K G, Head, Department of MCA, emphasized the significance of postgraduate education in creating global career opportunities. Students were encouraged to develop adaptability, continuously upgrade their skills and build strong professional networks to meet the changing demands of the job market.

The Honourable Chairman, Mr. Rajesh Chowta, delivered the Presidential Address and motivated students to cultivate a lifelong passion for learning, curiosity and adaptability. He stressed that continuous acquisition of knowledge and skills is essential for professional growth. He also highlighted discipline, punctuality, consistent effort and responsibility as key qualities for achieving success, resilience and strong character. The Chairman further reaffirmed MITE's commitment to providing a supportive academic and professional environment that promotes intellectual growth, innovation, leadership and career readiness. Students were encouraged to actively participate in academic and extracurricular activities and develop competencies aligned with industry and societal needs.

The programme concluded with the Vote of Thanks proposed by Dr. Jayashri Shetty, Department of Management Studies, who expressed gratitude to the dignitaries, faculty, staff, students, parents and organizers. The orientation successfully welcomed and motivated the new batch, setting a positive foundation for their academic excellence, professional development and overall personality growth.



Activity - 8

Title : PG Veloma Program 2023 Batch

Date : 18th October 2025

Venue : AUDI-4, PG Block

About the Event:

Veloma 2025, the Post Graduate Farewell Programme, was organized at MITE on 18th Oct 2025 at Audi-4 for the outgoing MCA 2023–25 batch. The programme marked the completion of the students' postgraduate journey and provided an opportunity to recognize their achievements, experiences and contributions. The programme began with a presentation showcasing memorable moments and milestones of the PG batch. This was followed by the Welcome Address by Dr. Madhwaraj K G, Head of the Department of MCA. The Principal, Dr. Prashanth C. M., addressed the graduating students and encouraged them to pursue continuous learning, adaptability, professional responsibility and ethical values.

A Student Feedback Session provided an opportunity for students from the Dept of MCA to share their experiences regarding academics, faculty support, learning opportunities and campus life. The Presidential Address by Mr. Rajesh Chowta, Chairman, Rajalaxmi Education Trust, motivated the students to approach their future careers with confidence, commitment, integrity and a willingness to learn.

The formal programme concluded with a Vote of Thanks by Dr. Mahesh M. Vanjeri, Head of the Department of MBA. The event concluded with lunch, providing an opportunity for students, faculty and dignitaries to interact and share memorable moments.



Address by the Honorable Chairman



Activity - 9

- Title** : “Mastering LLMs: From Prompt Engineering to Generative AI”
- Resource Person** : Ravi Kumar Nadiga N K, Senior Principal Product Manager, Oracle,
Bengaluru
- Date** : 4th October 2025
- Venue** : Computer Applications Laboratory

Profile of the Speaker:

Ravi Kumar Nadiga N K is a seasoned technology and product management professional with over 20 years of industry experience, currently serving as Senior Principal Product Manager at Oracle, Bengaluru. His expertise spans SaaS, Generative AI, Machine Learning, Agile Methodologies, Product Design, and Quality Assurance, with proven strengths in product development, business analytics, ERP systems, and AI-driven product strategies. Since joining Oracle in 2005, he has held multiple leadership roles across Bengaluru and Hyderabad, successfully leading initiatives in product management, design, and testing. He began his career as a Senior Engineer at Celetronix, where he worked on material planning and production. In addition to his corporate leadership, he actively contributes to academia and industry knowledge-sharing through lectures and sessions on Generative AI and Prompt Engineering.

About the Event:

The workshop provided participants with a comprehensive introduction to Generative Artificial Intelligence, Large Language Models (LLMs), and Prompt Engineering through a combination of theoretical discussions, practical examples, interactive activities and hands-on exercises.

The first session, conducted from 9:30 AM to 11:00 AM, focused on the fundamentals of Large Language Models. The resource person explained how LLMs function, their core capabilities and the mathematical foundations underlying these advanced AI systems. Participants were introduced to the concept of Generative AI, its practical applications and the role of LLMs in developing intelligent solutions. The session balanced theoretical concepts with real-world use cases, enabling participants to understand how generative AI can be applied across different domains.

The second session, held from 11:15 AM to 1:00 PM, focused on the principles and applications of Prompt Engineering. Participants learned how to design clear, structured and effective prompts to obtain accurate and meaningful outputs from LLMs. Key aspects such as providing appropriate context, specifying roles and maintaining clarity in instructions were discussed. Case studies, real-world examples and interactive discussions helped participants understand how different prompt designs influence AI-generated responses and provided opportunities to practice effective prompting strategies.

The final session, conducted from 2:00 PM to 4:30 PM, introduced participants to AI-based image generation techniques and provided hands-on experience with prompt-based interactions. Participants experimented with different prompts, compared the results and shared their observations in groups. Discussions focused on the effectiveness of various prompting styles, while advanced techniques for refining prompts were introduced to improve the quality and relevance of AI-generated outputs.

The workshop concluded with a wrap-up session and an interactive question-and-answer segment. Participants had the opportunity to clarify their doubts, discuss their experiences and exchange insights gained throughout the programme. Overall, the workshop successfully combined conceptual learning with practical experimentation, enhancing participants' understanding and application of Generative AI, LLMs and Prompt Engineering.



Resource Person conducting the workshop for the students



Sharing Reflections on the Workshop