



DEPARTMENT OF MCA

Report Submission: 02/09/2026

Semester: II	Academic Year: 2025–26	Venue: eMudhra, B.K. Palya, Bengaluru
Event Date: 27/08/2026	Time: 08:30 AM to 04:00 PM	Duration: 07:30 Hrs

TYPE OF EVENT: INDUSTRIAL VISIT

EVENT NAME: Industrial Visit to eMudhra

Target Audience: 2 nd Semester MCA Students	Number of Participants: 56	Event Coordinator: Dr. Balamurugan M
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Objectives:

1. To bridge the gap between academic theory and industry practice by exposing post-graduate computer application students to real-world corporate environments and infrastructure.
2. To provide direct technical insights into cybersecurity, Public Key Infrastructure (PKI), and digital identity management protocols in the modern tech ecosystem.
3. To familiarize students with career opportunities, essential soft skills, and professional expectations within the enterprise software industry.
4. To offer practical exposure to large-scale infrastructure operations through guided technical facility and data centre walkthroughs.

Program Introduction:

The industrial visit to eMudhra Limited, Bengaluru, was organized on 27th August 2026 for 1st-year MCA students to provide comprehensive exposure to the evolving landscape of digital security, enterprise software solutions, and data infrastructure. Industrial visits form an integral part of the curriculum, allowing students to observe real-world application workflows, modern software deployment pipelines, and operational standards that extend beyond classroom lectures. eMudhra Limited, being a global leader in digital trust services and Public Key Infrastructure (PKI) solutions, offered an ideal platform for students to understand how theoretical computer science concepts translate into mission-critical corporate operations. The day-long program was meticulously structured



to balance technical depth, career guidance, soft skills enhancement, and practical facility walkthroughs. Upon arrival, the host organization welcomed the visiting cohort, setting an engaging and professional tone for the entire event.

Throughout the day, industry experts, software engineering leaders, and human resource personnel interacted closely with the students, breaking down complex topics into actionable learning points. The structured interactive sessions allowed students to ask detailed questions regarding current industry trends, operational challenges, and skill sets required by contemporary tech employers. Overall, the program served as a vital academic-industry bridging initiative, enriching student understanding of corporate expectations, technical infrastructure management, and the ethical responsibilities associated with managing enterprise data systems in an increasingly interconnected global market.

Theme of the Event:

The theme of the visit is exploring modern cybersecurity paradigms, enterprise digital transformation, essential power skills for technological careers, and real-time operational management of secure data centre facilities.

Detailed Report:

On 27th August 2026, the Department of MCA arranged an industrial visit to eMudhra Limited, Bangalore, for 2nd-semester students. The students gathered at the Acharya Main Gate at 8:30 AM, and the bus departed from the campus at 8:45 AM. Upon arriving at the destination at 10:30 AM, the group proceeded to the reception desk for registration. Afterwards, the students were escorted to the boardroom on the 9th floor. The session officially commenced with a warm greeting and welcome address delivered online by the Chairman of the company.

At 10:45 AM, the host team initiated the "General Introduction and Careers" session, providing students with a holistic view of eMudhra's operational ecosystem, corporate journey, and its pivotal role in global identity security. Mrs. Lakshmi, Head of the ISR department, outlined diverse career pathways in software development, cybersecurity engineering, quality assurance, and IT consulting, giving students a clear perspective on emerging industry roles and required technical competencies.



Moving into the core technical segment at 12:00 PM, the presentation on "Digital Trust in AI Era" addressed how rapidly evolving artificial intelligence models impact cybersecurity, data integrity, and authentication mechanisms. Mr. Naveen Kumar led the session and detailed the mechanics of public key cryptography, digital signatures, and automated threat mitigation strategies needed to maintain consumer and enterprise trust within AI-driven software architectures.

Following a networking lunch break from 12:45 PM to 01:30 PM, the schedule resumed with an engaging session on "Power Skills" at 01:30 PM. This segment emphasized soft skills crucial for engineering professionals, including adaptive communication, critical thinking, cross-functional collaboration, and professional ethics necessary to navigate dynamic workplace environments. At 02:15 PM, an interactive Panel Discussion brought together Mr. Ravi Shankar, the project manager of eMudhra Limited, Ms. Deepa, HR of eMudhra and Mr. Sivakumar, Manager of eMudhra, to address student inquiries regarding technological shifts, corporate adaptability, and entry-level career preparedness.

The day concluded with an insightful "Data Centre and Facility Tour" from 02:45 PM to 03:30 PM, where students observed physical server management, network redundancy protocols, strict security controls, and environmental regulation mechanisms firsthand, effectively grounding their theoretical understanding of database management and cloud infrastructure in actual physical operations.

Photos:



Felicitatation Address by the Chairman of eMudhra Limited



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Soladevanahalli, Bengaluru-560107



Introduction Session by Mrs. Lakshmi, Head of ISR



Technical Session by Mr. Naveen Kumar



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Interactive Panel Discussion with Industry Experts



Data centre session by Mr. Sivakumar



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Prof. Rajeh Rao K - HoD of MCA, honouring Mrs. Lakshmi



Group Photo



Outcomes:

- Developed a foundational understanding of digital trust architecture, Public Key Infrastructure (PKI), and AI-driven cybersecurity mechanisms.
- Gained direct clarity on current software industry hiring trends, emerging career tracks, and core technical proficiencies demanded by employers.
- Understood the critical role of non-technical "power skills," such as effective communication, ethical accountability, and problem-solving, in technical careers.
- Experienced real-world data center deployment, gaining practical insights into hardware setup, physical security standards, and operational redundancy.
- Interacted directly with experienced software industry professionals, bridging academic learning with real-world enterprise practices.

Conclusion:

The industrial visit to eMudhra Limited proved to be an exceptionally enriching academic initiative for the 1st-year MCA students. By exposing attendees to high-level technical discussions alongside real-world infrastructure operations, the program effectively met its core objective of bridging academic theory with professional practice. Students gained a holistic view of the technology sector, learning not only about advanced technical domain areas like artificial intelligence security, digital trust, and data center administration, but also about the essential professional traits required to thrive in modern corporate setups. The interactive format allowed students to engage directly with industry leaders, inspiring them to align their ongoing academic work and skill development with realistic workplace standards.

The host organization's hospitality, well-organized agenda, and comprehensive sessions created a highly conducive environment for experiential learning. Moving forward, the knowledge gained from this visit will serve as a foundational asset for the students as they advance through their academic curriculum and prepare for future corporate roles. The department extends its sincere appreciation to eMudhra Limited and all organizing members for facilitating a smooth, impactful, and memorable educational experience.



Feedback Summary:

The industrial visit to eMudhra Limited, Bengaluru was an overwhelming success. Of the 56 participating II Semester students, feedback was overwhelmingly positive, with 50 students rating the overall visit experience as highly informative. An additional 6 students evaluated the sessions as informative, appreciating the practical relevance of the visit. This highly favourable response highlights the success of the event.

