MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(Deemed to be University)
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A Report on Industry Interaction and Visit to "Celebal Technologies, Bengaluru" Organized by Department of CSE-Data Science on 14.08.2026

Report Submitted by: Dr. M. Kiran Kumar, Assistant Professor – Data Science, MITS (Deemed to be University).
Venue: Sumadhura Capitol Towers, opposite Kadugodi Tree Park Metro Station, K. R. Puram Hobli, Bengaluru, Karnataka – 560066
Faculty Delegation:Dr. S. Kusuma, HoD – Data Science, MITS (Deemed to be University); Dr. M. Kiran Kumar, Assistant Professor – Data Science, MITS (Deemed to be University); Mr. T. Balaji, Faculty Member – Data Science, MITS (Deemed to be University), Madanapalle
Mode of Conduct: Offline
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About Celebal Technologies

Celebal Technologies is a leading global technology and digital transformation company headquartered in **Jaipur, India**, with strong expertise in **Data Science, Artificial Intelligence, Machine Learning, Data Engineering, Cloud Computing, Big Data, Business Intelligence and Generative AI**. The company has established a significant global presence with offices across **India, the United States, United Kingdom, Canada, United Arab Emirates, Australia, Singapore, Japan, Malaysia, Thailand, Vietnam, Philippines, Switzerland, Germany, Sweden and Saudi Arabia**. Celebal Technologies currently operates across **15 countries and 24 offices**, serving organizations across multiple industries and geographies.

The company is particularly relevant to the field of **Data Science and AI**, with strong capabilities in data engineering, analytics, AI/ML solutions and modern data platforms such as **Databricks and Microsoft Azure**. Its global projects and industry engagements provide exposure to real-world applications of Data and AI technologies. Therefore, Celebal Technologies is a highly relevant industry organization for understanding the **current and emerging skill requirements in Data Science**, particularly with respect to hands-on learning, industry projects, cloud technologies, AI applications and professional certifications.

As part of the Department of Data Science's initiative to strengthen **industry–academia collaboration** and align academic learning with current industry requirements, a faculty delegation from MITS (Deemed to be University), Madanapalle, visited **Celebal Technologies, Bengaluru**, on 14 August 2026.

The delegation comprised **Dr. S. Kusuma, HoD – Data Science; Dr. M. Kiran Kumar, Assistant Professor; and Mr. T. Balaji**. The visit focused on understanding emerging industry requirements in Data Science and Artificial Intelligence, obtaining feedback on the existing curriculum, and exploring opportunities for student skill development, internships, projects and placements.

The interaction commenced with a presentation by the Dr S Kusuma about the university, the Department of Data Science, academic programs, student strength, existing curriculum and various initiatives undertaken to develop industry-ready graduates.

The faculty members discussed the **present Data Science curriculum** with the industry experts and sought suggestions regarding additional technologies, courses, practical components, certification programs and upskilling initiatives that could be incorporated to meet changing industry expectations.

Mr. Sabarinathan Sampath, Vice President, Celebal Technologies, gave an informative presentation on Celebal Technologies, its projects, clients and technology domains. He explained the skills expected from students for **internships and placements** and emphasized the importance of systematic preparation from the **first year onwards**. The discussion highlighted the need for students to develop strong fundamentals along with practical and project-based skills.

Mr. Vasu Kumar Tirumalasetty, Dy. Vice President – Data & AI – Databricks, appreciated the existing curriculum of the Department of Data Science. He particularly advised the department to give greater importance to **hands-on learning, practical implementation and domain-specific projects**. He also suggested providing students with exposure to the **Databricks ecosystem and relevant courses/certification programs**, considering its growing importance in the Data and AI industry.

Mr. Ajay Ballani -*Lead Tech Architect* and **Mr. Mahesh C. K.-** *Principal Consultant* shared valuable suggestions on improving students' technical capabilities and employability in the Data Science domain. They emphasized the importance of programming, data handling, problem-solving, practical projects and continuous learning.

The experts also discussed the changing employment landscape due to **Artificial Intelligence**. Students were advised to develop the ability to work with AI technologies rather than relying only on theoretical knowledge. Strong fundamentals, domain knowledge, AI literacy, practical skills and continuous upskilling were identified as essential competencies for future professionals.

The interaction resulted in the following important takeaways for the Department of Data Science:

- Strengthen **hands-on and project-based learning** in the curriculum.
- Introduce more **real-world and domain-specific projects**.
- Explore **Databricks courses and certification opportunities** for students.
- Initiate structured **skill development from the first year onwards**.
- Provide greater exposure to industry-standard tools and platforms.
- Strengthen internship and placement-oriented training.
- Encourage students to work with real-world datasets and develop end-to-end projects.
- Organize regular interactions with industry experts.
- Continuously update the curriculum based on emerging technologies and industry requirements.
- Develop students' capabilities in **AI, Data Science, programming, problem-solving and domain knowledge**.

The industry visit to **Celebal Technologies, Bengaluru**, was highly informative and productive. The interaction provided valuable insights into current industry expectations, emerging technologies, internship and placement requirements, curriculum enhancement and the impact of Artificial Intelligence on future employment.

The suggestions provided by the senior industry professionals will be useful in further strengthening the **Data Science curriculum, practical training, industry-oriented projects, certification programs and placement preparedness** at MITS.

The visit also provided a strong foundation for developing continued **industry–academia collaboration** between MITS and Celebal Technologies for future training, internships, projects and other student development initiatives.