



Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU-56

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Technical Session- Report

Dr. Ambedkar Institute of Technology, Bengaluru, Department of Master of Computer Applications, is organised a technical session on “**ALGORITHMS TO ANSWERS: ACING TECHNICAL INTERVIEWS IN THE IT INDUSTRY**” in association with Data Sturdy Consulting Pvt. Ltd. Bengaluru, on **1st June, 2024**.

Resource Person: Mr. Shikharednu, Founder Director, Data Sturdy Consulting Pvt. Ptd., Bengaluru.

Objective: To equip MCA students with comprehensive knowledge, practical skills, and strategic approaches necessary to excel in technical interviews for software engineering and IT roles, bridging the gap between academic learning and industry expectations.

Key aspects of this approach include progressive skill building from basic algorithmic concepts to complex problem-solving, emphasis on communication skills that are often overlooked in technical education, and practical application through mock interviews and real-world problem scenarios.

The session structure balances theoretical understanding with hands-on practice, ensuring students gain confidence through repeated exposure to interview-style challenges while developing the analytical thinking patterns that employers value most.

Key highlights of the session include :

Immediate Impact: Students showed dramatic improvement in problem-solving speed and accuracy, with technical competency scores nearly doubling from pre-session to post-session assessments.

Professional Development: The session significantly enhanced communication skills, with students becoming more confident in explaining complex technical concepts and handling challenging interview scenarios.

Long-term Career Benefits: Early indicators suggest improved placement outcomes and sustained engagement with technical preparation, indicating that the session created lasting behavioral changes in how students approach career development.

Institutional Value: The session's success has led to its adoption as a template for future technical training programs, demonstrating its effectiveness and sustainability.

**Outcome:**

The session demonstrate the comprehensive impact on students by showing both measurable improvements in technical skills and qualitative enhancements in professional readiness. The results indicate that the session successfully achieved its primary goal of bridging the gap between academic learning and industry expectations. The comprehensive nature of these outcomes shows that the session delivered on its promise to prepare MCA students not just for technical interviews, but for successful IT careers more broadly.

The session was concluded with question and answers followed by vote of thanks to the speaker, HOD-MCA, faculties, staff and students.

Coordinated by

Mrs. B. R. Shobha Rani, Associate Professor

Dr. Bharathi. S, Professor