



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 “**MASTERING THE TECHNICAL INTERVIEWS**” in association with Data Sturdy Consulting Pvt. Ltd. Bengaluru, **on 15th April, 2025.**

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

Objective: The objectives for "Mastering the Technical Interviews" are designed to provide MCA students with a comprehensive and strategic approach to technical interview excellence. This framework goes beyond basic preparation to develop true mastery of the interview process.

Key highlights of the session include :

1. **Sharpen Core Tech Skills:** Deep dive into essential data structures, algorithms & CS fundamentals critical for coding assessments.
2. **Master Coding Interviews:** Learn proven strategies to efficiently solve problems, write clean code, and handle pressure.
3. **Tackle System Design:** Gain a structured approach to designing scalable systems & articulating trade-offs.
4. **Communicate Your Thinking:** Master the art of clearly explaining your problem-solving process & design choices.
5. **Build Confidence & Strategy:** Develop practical tactics to manage anxiety and approach interviews with readiness and assurance.
6. **Live Problem-Solving Practice:** Apply techniques in real-time scenarios to solidify learning.

The session is structured to transform MCA students from interview candidates into interview masters who can confidently handle any technical challenge while positioning themselves for accelerated career growth in the IT industry.

Outcome:

Participants in this session had solidify their core technical proficiency in fundamental data structures, algorithms, and essential computer science concepts required for technical assessments. They understood on how to develop effective strategies to approach, analyze, solve, and communicate solutions to coding problems efficiently under pressure. Furthermore, students have gained foundational knowledge and a structured approach for tackling system design questions, focusing on scalability, trade-offs, and key architectural principles. Crucially, students learnt to clearly articulate their problem-solving thought process, debug logically, and justify design decisions during technical discussions. Ultimately, this session could build practical interview strategies, reduce anxiety, and

significantly boost participants' confidence for performing successfully in demanding technical interview scenarios.

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