

Report: TCS Workshop on Algorithms and Data Structures By Tata Consultancy Services (TCS)

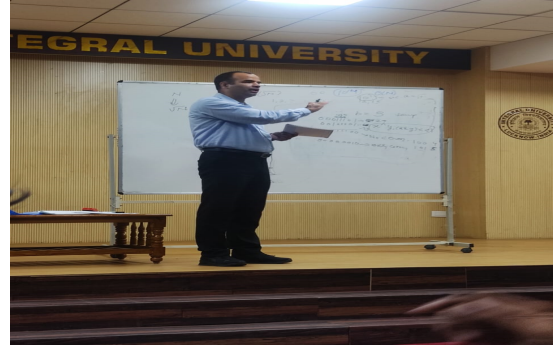
Center for Career Guidance and Development (CCG&D) in association with **Tata Consultancy Services (TCS)** organized a workshop for **B.Tech** and **MCA** students at Integral University, Lucknow. The workshop, conducted on October 7th and 14th, covered essential topics related to algorithms, time complexity, hands-on programming using C, sorting and searching, and practical problem-solving using arrays. **Mr. Rajender Kalra, a senior technical expert from TCS**, was the primary facilitator of the workshop. The workshop was attended by **230 students**.

The primary objectives of the workshop were as follows:

1. The workshop aimed to deepen the participants' understanding of fundamental concepts in algorithms and data structures, enabling them to apply these concepts effectively in practical scenarios.
2. The workshop focused on providing hands-on experience and problem-solving skills in algorithm design, time complexity analysis, and effective utilization of various data structures.

With extensive experience and expertise in the field, Mr. Kalra, effectively guided the participants through the intricate concepts and practical applications of algorithms and data structures. He guided the students to enhance their technical skills and improve their academic and professional performance. Interaction with Mr. Rajender Kalra provided insights into industry standards and practices, enhancing participants' understanding of real-world applications of algorithms and data structures. Through hands-on exercises and real-time problem-solving scenarios, attendees developed the ability to apply algorithms and data structures in practical programming situations.

Dr. Sufia Rehman, CCG&D, coordinated the event. In conclusion, Mr. Kalra answered several questions and cleared many doubts, enhancing participants' knowledge of fundamental concepts and fostering practical problem-solving skills. His expert facilitation enriched the learning experience, providing students with valuable insights into the world of algorithms, data structures, and their applications in the industry. The workshop undoubtedly contributed to the academic and professional growth of the participants, preparing them for successful careers in the field of computer science and information technology.



Mr. Rajender Kalra, Senior Technical Expert, TCS, teaching during the workshop