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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report on Webinar on

'How to get into Data Science & AI: A Roadmap for Students: Presentation and Q&A'

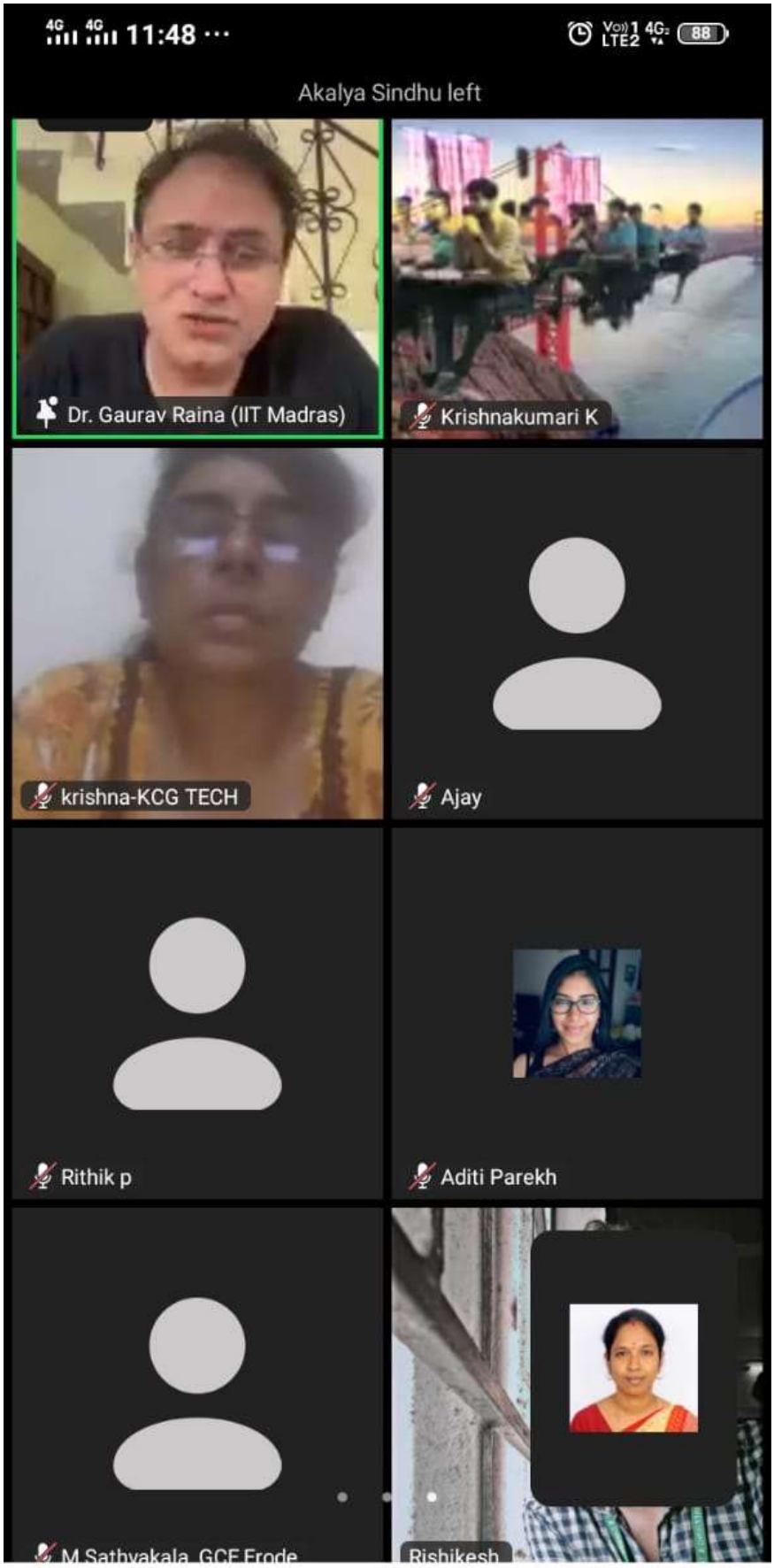
The webinar conducted online on October 7, 2023, by **Dr. Gaurav Raina,** Professor at IIT Madras, delivered a comprehensive roadmap for students aiming to enter the realms of Data Science and Artificial Intelligence (AI). Dr. Raina, an expert in machine learning, automata theory, and data structures, highlighted crucial aspects for success in these fields.

The seminar emphasized building a strong foundation in mathematics, statistics, and computer science. Proficiency in programming languages like Python and R was stressed, along with the importance of mastering data handling and preprocessing techniques. Dr. Raina delved into machine learning algorithms, AI applications, and ethical considerations, providing practical examples to illustrate real-world impact.

A significant takeaway was the encouragement for hands-on experience through projects, internships, and participation in competitions like Kaggle. Dr. Raina also highlighted the necessity of networking within the industry and staying abreast of the latest developments.

In essence, the seminar served as a guiding beacon, offering a holistic approach that encompasses foundational knowledge, technical skills, practical experience, and a commitment to continuous learning for students navigating the evolving landscape of Data Science and AI.

Participants during the webinar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Akalya Sindhu left
Dr. Gaurav Raina (IIT Madras)
Krishnakumari K
krishna-KCG TECH
Ajay
Rithik p
Aditi Parekh
M.Sathyakala, GCE Erode
Rishikesh