EVENT REPORT

LECTURE SERIES

LECTURE 1.0

Invited talk on the topic

"Leveraging Generative AI for Programming Courses"

By

Department of

Mathematics/Computer Science/Statistics

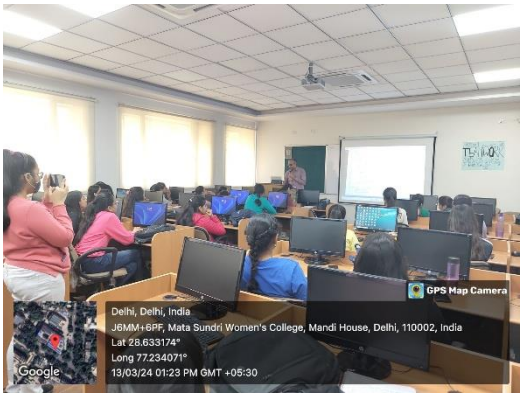
Under the Aegis of Viksit Bharat Secretariat, MSCW

No. of participants: 66

On March 13, 2024, the Department of Mathematics, Computer Science, and Statistics at Mata Sundri College for Women hosted an engaging guest speaker session featuring Professor Viraj Kumar, a distinguished figure in the field of Artificial Intelligence (AI) and programming education in Computer Lab 5. The Conveners of the talk were Ms. Ashema Hasti (Department of Computer Science), Dr. Deepti Kaur (Department of Mathematics) and Dr. Archana Verma (Department of Statistics). The session was inaugurated in the august presence of Dr. Rama Verma, TIC, Department of Mathematics, Dr. Kiranjeet Sethi, Course Coordinator, Department of Computer Science and Dr. Archana Verma, TIC, Department of Statistics. Professor Viraj Kumar is an esteemed faculty member at the Kotak-IISC AI-ML Centre and an elected member of the ACM Indian Council, brought forth a wealth of expertise and insights to the audience. The event kicked off with a warm welcome extended to Professor Viraj, setting the stage for an atmosphere filled with enthusiasm and anticipation among attendees.

Throughout the interactive session, participants were treated to invaluable insights and practical knowledge pertinent to their daily lives. Professor Viraj skillfully delved into the significance of AI in programming, highlighting its transformative impact on both education and practical application, from foundational concepts like binary code to advanced techniques such as generative AI. Attendees gained a comprehensive understanding of key trends in programming and were enlightened about the importance of algorithmic thinking and the critical skill of being able to critique, essential in navigating the dynamic landscape of programming.

Furthermore, Professor Viraj elucidated on basic Python concepts, catering to the diverse range of attendees' skill levels. The session also explored the promising prospects and opportunities that generative AI presents in programming education and skill development. Attendees were encouraged to embrace this cutting-edge technology to enhance their programming capabilities. The event provided a platform for open dialogue and doubt sessions, fostering a collaborative environment where attendees could seek clarification and engage in meaningful discussions. A vote of thanks was extended to Principal Ma'am Professor (Dr.) Harpreet Kaur and the organizing committee for their efforts in orchestrating a successful event. In conclusion, the session was deemed a resounding success. Attendees departed feeling inspired and empowered to leverage the potential of generative AI in their programming endeavours, armed with newfound knowledge and insights into the future of the field.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