भारतीयप्रौद्योगिकीसंस्थान (भारतीयखनिविद्यापीठ), धनबाद
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# PRESS-RELEASE

**IIT (ISM), Dhanbad Inaugurates GIAN Course on Memristors and Neuromorphic Computing with Global Expert Participation**

The Department of Electronics Engineering, IIT (ISM) Dhanbad, successfully inaugurated a prestigious GIAN (Global Initiative of Academic Networks) course on "Memristor and its Application in Neuromorphic Computations" on Monday, June 23, 2025.

The event was graced by Prof. Sukumar Mishra, Hon'ble Director, IIT (ISM), who addressed the gathering and emphasized the institute's commitment to promoting cutting-edge research in emerging technologies. He highlighted the importance of neuromorphic engineering and the potential role of memristors in revolutionizing computational architectures.

The inaugural lecture was delivered by Prof. Sung-Mo (Steve) Kang, a globally renowned expert in VLSI and neuromorphic systems. Prof. Kang, who is also a former Chancellor of the University of California, Merced, shared deep insights into the future of intelligent electronics and inspired the audience with his vision of next-generation computing systems.

The course is being coordinated by Prof. Rajeev Kumar Ranjan, Department of Electronics Engineering, IIT (ISM), who welcomed participants and outlined the academic goals of the program. The week-long course brings together faculty, researchers, and students from across the country and abroad, aiming to build strong foundational knowledge and hands-on understanding of memristor technology and its applications in brain-inspired neuromorphic computing.

The session was held in hybrid mode, with participants joining both online and in person at J.C. Bose Hall, and received an enthusiastic response from the academic community.

Rajni Singh
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