



**BHARATI VIDYAPEETH'S
INSTITUTE OF COMPUTER APPLICATIONS & MANAGEMENT**

(Affiliated to Guru Gobind Singh Indraprastha University, Approved by AICTE, New Delhi)

A-4, Paschim Vihar, Adjacent to Paschim Vihar (East) Metro Station, Rohtak Road, New Delhi-110063
Tel.: +91-8130176573, 9220925051, +91-11-25275055 | E-Mail: mca@bvicam.ac.in | Website: www.bvicam.ac.in

**Distinguished Lecture Report
(27th January, 2026)**

Title

*Towards Generative Digital Twins:
A Novel Paradigm for the Next Generation AI-driven
IoT*

By

Prof. Giancarlo Fortino

The IEEE Delhi Section System, Man and Cybernetics (SMC) Chapter, in collaboration with Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM) Student Branch SMC Chapter, New Delhi, successfully organised a Distinguished Lecture on 27th January 2026 titled "**Towards Generative Digital Twins: A Novel Paradigm for the Next Generation AI-driven IoT.**" The session was delivered by **Prof. Giancarlo Fortino**, a renowned expert in the field of AI-driven Internet of Things systems

The program commenced with a warm welcome and formal introduction of Prof. Fortino, setting the tone for an intellectually stimulating session. This was followed by a brief overview of the activities and vision of the IEEE SMC Delhi Section Chapter and IEEE SB SMC Chapter at BVICAM, presented by **Dr. Rakhee**, Chapter Advisor, highlighting the chapters' commitment to advancing interdisciplinary research and professional engagement

Professor M. N. Hoda, Director of BVICAM and Chairperson of IEEE Delhi Section, addressed the audience, emphasizing the growing importance of intelligent systems, digital twins, and AI-driven technologies in shaping future industrial and academic ecosystems. His address encouraged students to actively participate in emerging technological domains

The distinguished lecture by **Prof. Giancarlo Fortino** formed the core of the program. He elaborated on the concept of **Generative Digital Twins**, explaining how advanced AI models can be integrated with IoT environments to create intelligent, adaptive, and predictive digital representations of physical systems. The lecture explored applications in smart cities, healthcare, manufacturing, and cyber-physical systems, offering attendees valuable insights into next-generation AI architectures and research directions.

An interactive **question-and-answer session** followed, during which participants engaged actively with the speaker, seeking clarifications on real-world implementations, data challenges, and future research opportunities. Prof. Fortino provided thoughtful responses, making the discussion highly enriching.

The event concluded with a **vote of thanks and felicitation** of the distinguished guest, expressing gratitude for his valuable contribution.

Date/Time and Venue	
Date	27-01-2026
Start Time	10:30 am
End Time	12:30 pm
Venue	Delphi Hall, BVICAM, New Delhi
Total No. of IEEE Participants	72

**Photos
of the
Event**

Photo
- 1



Photo
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Photo
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Photo
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