



Formerly IITM University, Gurugram



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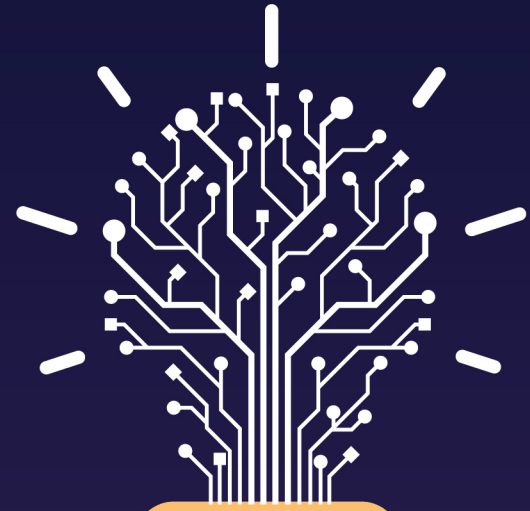
Department of Applied Science

In association with **AIU-AADC**

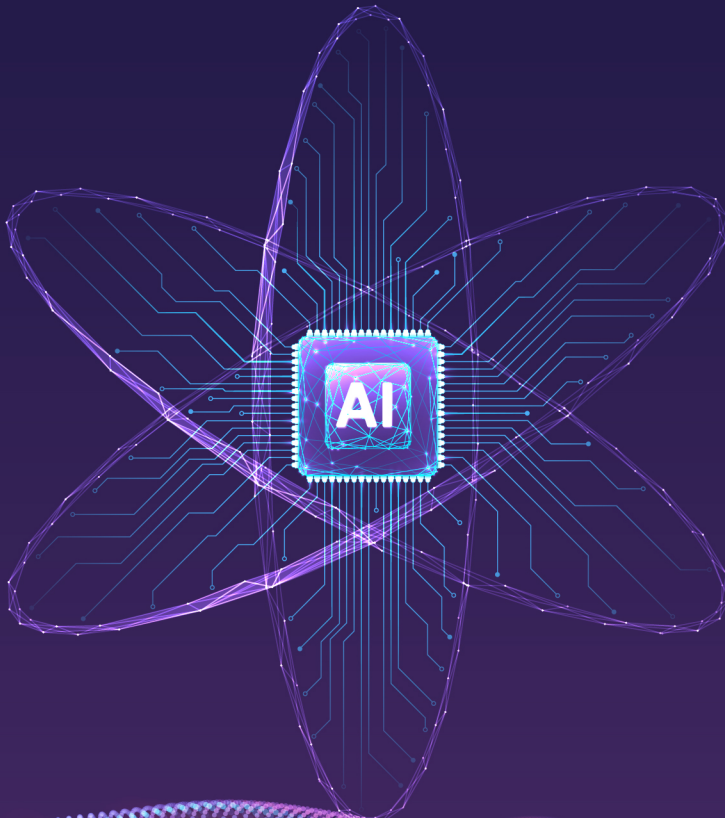
FACULTY DEVELOPMENT PROGRAM

'Semiconductor Technology & Quantum Computing'

Hybrid Mode



Scan to Register



17th-21st March 2025

12:30 onwards

Venue- Smart Classroom (First floor)



Dr. Arjun Singh

Assistant Professor,
APS, NCU



Dr. Anupama Rai

IBM India



Dr. Chetna Tyagi

Assistant Professor,
APS, NCU



Dr. Sharda Vashisth

Professor,
MDE, NCU



Dr. Pooja Sabharwal

Associate Professor,
MDE, NCU



Dr. Lena Yadgarov

Professor
Arial University, Israel



Dr. Smriti Sahu

Assistant Professor
Sonoran Desert Institute Tempe,
AZ (USA)



Dr. Mukesh Jewariya

Scientist
National Physical Laboratory,
New Delhi

Schedule and details of speaker-

Date	Day	Topic of presentation	Speaker
17.3.2025	Day 1	Basics of Semiconductor Materials	Dr. Arjun Singh Assistant Professor, APS, NCU
18.3.2025	Day 2	Introduction to Quantum Computing	Dr. Anupama Rai IBM India
		Hands-on Experience: Characterization	Dr. Chetna Tyagi Assistant Professor, APS, NCU
19.03.2025	Day 3	Semiconductor: Future Scope	Dr. Sharda Vashisth Professor, MDE, NCU
		Semiconductor technology: application in IOT and other area	Dr. Pooja Sabharwal Associate Professor, MDE, NCU
20.03.2025	Day 4	2D Semiconductor Materials	Dr. Lena Yadgarov Professor Arial University, Israel
		Phase Change Random Access Memories- Materials and Characterization	Dr. Smriti Sahu Assistant Professor Sonoran Desert Institute Tempe, AZ (USA)
21.03.2025	Day 5	Hands-on Experience: Device fabrication	Dr. Chetna Tyagi Assistant Professor APS, NCU
		Realization of SI unit Meter	Dr. Mukesh Jewariya Scientist, National Physical Laboratory, New Delhi

Patrons



Prof. Prem Vrat

Pro-Chancellor
The NorthCap University



Prof. (Dr.) Nupur Prakash

Vice Chancellor
The NorthCap University



Dr. Pankaj Mittal

Secretary General
Association of Indian Universities
(AIU), Delhi

Programme Chair



Dr. Hukum Singh

Professor & HOD, APS
The NorthCap University

Programme Convener



Dr. Arjun Singh

Assistant Professor, APS
The NorthCap University



Dr. Chetna Tyagi

Assistant Professor, APS
The NorthCap University

Participation Details

Registration Fee: **INR 1000**

Payment Details

Name - The NorthCap University

Account no - 82472010013980

Bank - Canara Bank

IFSC - CNRB0018247

Bank's Address: NCU, Sector-23A, Gurgaon

Participant must pay registration fee through the Registration link:

<https://forms.gle/Ermx8qina17kWNdAA>

Contact Details

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