



**DEPARTMENT OF PHYSICS  
UNIVERSITY OF MUMBAI**

**APRIL 2025**

**GUEST LECTURE SERIES ON AI AND ML**

**9<sup>th</sup> April 2025 | 3:00 pm**

**A Guest Lecture by Prof. D. G. Kanhere**

**Distinguished Professor, Department of Scientific Computing,  
Modeling and Simulations, SPPU**

**FNAS, ICTP Associate**

**Founder Director Science Park SPPU**

**“Applications of Machine Learning in Computational Science”**

**16<sup>th</sup> April 2025 | 3:00 pm**

**A Guest Lecture by Prof. Dr. B. P. Dubey**

**Former Head and Professor Electronic Instruments  
Systems Division BARC, Mumbai**

**“Artificial Neural Networks: Mimicking Nature to Power Intelligence”**

**24<sup>th</sup> April 2025 | 3:00 pm**

**A Guest Lecture by Mr. Ashwin Srivastava (IIT Bombay)**

**The Artificially Intelligent Government Advisor,  
Government of India and Government of Guinea Bissau**

**“Artificial Intelligence in Governments: Use of Human Centred AI”**

**25<sup>th</sup> April 2025 | 3:00 pm**

**Indus Sangam**

**Industry-Academia Meeting**

**Dr. Umesh R. Mhatre**

**Co-Founder and Director of Surface modification technology pvt ltd**

**“Physics Beyond Theoretical Boundaries: Pioneering the AI Era  
with Smart Materials”**

**VENUE : PDSR, 3<sup>rd</sup> FLOOR , DEPARTMENT OF PHYSICS**

**TILAK BHAVAN, UNIVERSITY OF MUMBAI**