



## Departmental Seminar Department of Physics

# IIT Jodhpur

Seminar on  
Thin film devices on conventional and green substrates

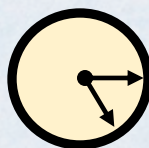
By

**Dr. Deepa Bhatt**

Faculty of Engineering at NOI Techpark, Free University of Bozen-Bolzano, Italy



**Jan 8, 2025**



**05:00 PM to 06:00 PM**

### About the Speaker

Dr. Deepa Bhatt holds a Ph.D. in Materials Science from IIT Kanpur, along with M.Sc. in Physics, M.Tech in Nanotechnology, and a B.Sc. in Physics, Chemistry, and Mathematics. She is currently a Postdoctoral Fellow in the Faculty of Engineering at NOI Techpark, Free University of Bozen-Bolzano, Italy.

Her research focuses on the fabrication and characterization of semiconductor devices for sensing applications, including chemical and biosensing. She specializes in thin-film transistor fabrication and characterization using diverse materials such as IGZO, graphene,  $\text{MoS}_2$ , and polymers. Additionally, her work involves the design of microfluidic channels for sensing and the development of green electronics.

**Venue: Kothari Seminar Hall, Department of Physics**