

**Two Day Workshop in “Characterization Tools of Materials”**  
**Department of Physics, Panjab University, Chandigarh**  
**August 31-September 1, 2022**  
**(Online Mode)**

**Tentative Program**

**August 31, 2022**      ( Google Meet: <https://meet.google.com/bjd-uzgj-vqj> )

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|----------------|---|
| 9:00-9:45 AM   | Registration  |
| 9:45-10:00 AM  | Inaugural and Opening Remarks by the Chairperson  |
| 10:00-11:30 AM | Lecture 1 Professor Kedar Singh (JNU, New Delhi)<br>(Title: to be announced)                          |
| 11:30-1:00 PM  | Lecture 2 Professor G.S.S. Saini (P.U., Chandigarh)<br>(Title: Raman Technique for Materials)         |
| 1:00-2:00 PM   | Lunch   |
| 2:00-3:30 PM   | Lecture 3 Dr Sudipta (C.S.I.O., Chandigarh)<br>(Title: Scanning Tunneling Spectroscopy)               |
| 3:30-5:00 PM   | Lecture 4 Dr Mukesh Kumar (I.I.T., Ropar, Punjab)<br>(Title: Nanoscale Characterization of Materials) |

**1<sup>st</sup> September, 2022**

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|----------------|---|
| 10:00-11:30 AM | Lecture 5 Professor Neeraj Mehta (B.H.U., Varanasi)<br>(Title: Thermal Techniques for Materials)  |
| 11:30-1:00 PM  | Lecture 6 Dr P.K. Dwivedi (IIT, Kanpur)<br>(Title: Micro-nanofabrication approaches for a Sustainable Future: A story of creativity from nature to lab) |
| 1:00-2:00 PM   | Lunch   |
| 2:00-3:30 PM   | Lecture 7 Professor Ranjan Kumar (King Abdulaziz Univ., Saudi Arabia)<br>(Title: DFT Technique for Materials)   |
| 3:30-5:00 PM   | Lecture 8 (To be announced)   |
| 5:00-5:30 PM   | Concluding Remarks & Feed Back from the Participants  |

Coordinator: Professor S.K. Tripathi ([surya@pu.ac.in](mailto:surya@pu.ac.in); M: 9876581267)