



Prof. Avanish Kumar Srivastava  
Director, CSIR-AMPRI  
Bhopal

# Online symposium on “Advanced Techniques on Nanomaterials Characterization”

27th January, 2022



Prof. Siva Umapathy,  
Director, IISER, Bhopal  
**(Chief Guest)**



Prof. Gouthama,  
Department of  
MSE, IIT Kanpur



Prof. T. N. Narayanan  
TIFR, Hyderabad



Prof. Anand Pathak  
School of Physics,  
University of Hyderabad



Prof. D. Haranath  
Department of Physics,  
NIT, Warangal



Prof. K. K. Maurya  
Sr. Principal Scientist,  
CSIR-NPL Delhi



Microsoft Teams



CSIR-Advanced Materials and  
Processes Research Institute,  
(AMPRI) Bhopal-462026



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# Online Symposium on "Advanced Techniques on Nanomaterials Characterization" on 27<sup>th</sup> January 2022

## ABOUT SYMPOSIUM

CSIR-AMPRI Bhopal is organizing a symposium on "Advanced Techniques on Nanomaterials Characterisation" on 27th January 2022. This symposium aims to bring together leading academic scientists, researchers and research scholars to exchange/share their experiences and research findings on all aspects of advanced materials characterization techniques.

It also provides a premier interdisciplinary platform for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of nanomaterials characterisations. There will be lectures on Raman, Ion Beam and Lasers, TEM/HRTEM, XRD, Luminescence,

Electrochemical Spectroscopy from eminent speakers. These friendly lectures are a great opportunity for participants to interact with each other and ask questions to speakers about their advanced characterisation tools. Further the purpose of this symposium is to bring recent developments in the global scenario of materials processing and characterization.

## Program Schedule

S.No.	Faculty Name	Tentative Topic for lecture	Time Slot
1	Prof. A. K. Srivastava Director, CSIR-AMPRI	Inaugural Address	10:45 am to 11:00am
2	Prof. Siva Umapathy, Director, IISER Bhopal	Raman Spectroscopy	11:00 am to 12:00 pm
3	Prof. A. P. Pathak, University of Hyderabad	Ion Beam and lasers studies of Nano materials	12:00 pm to 1:00 pm
Lunch Break			1:00 pm to 2:00 pm
4	Prof. Gouthama, IIT Kanpur	TEM/HRTEM Techniques for Nanoscopy and Nanoanalysis of Materials	2:00 pm to 2:45 pm
5	Prof. K. K. Maurya, CSIR-NPL Delhi	High resolution X-ray Diffractometry cum Reflectometry : Its Importance in Materials Science	2:45 pm to 3:30 pm
6	Prof. D. Haranath, NIT Warangal	Luminescence Spectroscopy of Advanced Nano Materials	3:30 pm to 4:15 pm
7	Prof. T. N. Narayanan, TIFR Hyderabad	Electrochemistry as a Tool for Evaluating Materials for Energy	4:15 pm to 5:00 pm
Valedictory function			5:00 pm to 5:30 pm

## Online Poster/Oral Presentation Session [9:30 am to 10:30 am]

A dedicated poster/oral session will be there in this symposium. Participants are welcome to share their new ideas/ research findings and experiences in form of poster/oral presentations.

# Online Symposium on "Advanced Techniques on Nanomaterials Characterization"

27th January, 2022

## Registration

Registration Fee : Rs 500

Fee payment mode : **online transfer**

### Account Details:

Bank Name : Union Bank of India

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Contact details:  
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**Dr. A. K. Srivastava**

Director,  
CSIR-AMPRI, Bhopal

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