

**INTERNATIONAL WEBINAR ON
MATERIALS SYNTHESIS
AND
CHARACTERIZATION
(IWMSC-2020)
Jointly Organized by**



**Department of Physics and Electronics
Dr. Rammanohar Lohia Avadh University Ayodhya
(U.P.), India
and
Department of Natural Sciences
Florida Polytechnic University, Lakeland, Florida,
USA
(July 11-13, 2020)**

Who can participate?

PG Students, Research Scholars and Faculty Members.

Registration for Attendees:

Lectures will be delivered by using WebEx application. The Meeting ID and Password can be obtained after you have formally registered via the Google Form with the link below:
https://docs.google.com/forms/d/1a7k_gtdeOiiRGUJogYrIM0dSrZGYiTOBfC7ejrg7A/viewform?ts=5ee9c4c6&edit_requested=true

Panelists and Organizers:

Separate link will be sent to the panelists and organizer's email addresses. Please check your inbox or spam email.

International Webinar Certificate:

The IWMSC-2020 participation certificate will be mailed to only those registered and attended the entire lectures of all three days. Recorded lectures will be available

ABOUT THE WEBINAR

Materials are playing very vital role in different forms whether bulk or thin film or nanomaterials in electronic industry, Health sector etc. The understanding of synthesis and characterization of materials is of paramount importance. In this pandemic period, this international webinar provides an excellent platform to researchers and faculty working in the field of Material Sciences to increase the horizon of their knowledge in this area. The eminent experts from abroad and India will share their knowledge and experiences to make us updated the current scenario.

ABOUT THE HOST INSTITUTIONS

Dr. Rammanohar Lohia Avadh University, India has been named in memory of late Dr. Ram Manohar Lohia, an epic socio-economic ideologue and freedom fighter par excellence. The University took the shape of residential University in the year 1984. Since its inception, the department of Physics and Electronics has constantly and significantly contributed towards teaching and research. As a result of sustained effort, the State Government has accorded the status of 'Center for Excellence' to the department. Dr. RML Avadh University is located in one of the oldest cities of India, Ayodhya. The city, Ayodhya is situated on the bank of Suryu river and has mythological relevance due to lord Rama and his staunch disciple hanuman. Please visit, <http://www.rmlau.in/>.



Florida Polytechnic University, USA was founded in 2012 and is dedicated to study of science, technology, engineering, and math (STEM). Florida Polytechnic University was granted



accreditations from the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) and the ABET for Engineering, Computer Science, Data Science, and business analytics programs. Florida Poly, the 12th public university of State of Florida is located along the Interstate 4 at the heart of Florida's High-Tech Corridor in the City of Lakeland, halfway between Tampa and Orlando, USA. For more information, please visit, <https://floridapoly.edu>.

IWMSC-2020 COMMITTEE



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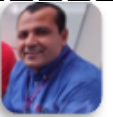
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SCHEDULE

| DAY-1 Saturday, 11 July 2020 | |
|--|-------------------|
| Speaker name | Time (IST)* |
| Welcome by Convener Prof. K K Verma | 3:00 pm - 3:05 pm |
| Address by Prof. Manoj Dixit, Vice Chancellor | 3:10 pm - 3:20 pm |
| Dr. Anchal Srivastava | 3:25 pm - 3:55 pm |
| Dr. Sessa Srinivasan | 4:00 pm - 4:30 pm |
| Dr. Aditya Mohite | 4:35 pm - 5:05 pm |
| Prof. Binay Kumar | 5:10 pm - 5:40 pm |
| Address by Dr. Nicoleta Hickman, Director, USA | 5:45 pm - 5:55 pm |
| Closing Remarks, Day-1 Prof. S.S. Srinivasan | 6:00 pm - 6:05 pm |
| Day-2 Sunday, 12 July 2020 | |
| Day-2 Welcome Address, Prof. K.K. Verma | 3:00 pm - 3:05 pm |
| Prof. Varsha Khare | 3:10 pm - 3:40 pm |
| Dr. Ajeet Kaushik | 3:45 pm - 4:15 pm |
| Dr. Rajesh Kumar | 4:20 pm - 4:50 pm |
| Dr. Manoj Gupta | 4:55 pm - 5:25 pm |
| Prof. Nicoleta Hickman | 5:30 pm - 6:00 pm |
| Closing Remarks, Day-2 Prof. S.S. Srinivasan | 6:05 pm - 6:10 pm |
| DAY-3 Monday, 13 July 2020 | |
| Day-3 Welcome Address, Prof. K.K. Verma | 3:00 pm - 3:05 pm |
| Dr. Shobhna Chaudhary | 3:10 pm - 3:40 pm |
| Dr. Ravindra Dhar | 3:45 pm - 4:15 pm |
| Dr. R.K. Shukla | 4:20 pm - 4:50 pm |
| Dr. Vijay Kumar Singh | 4:55 pm - 5:25 pm |
| Dr. Himanshu Mishra | 5:30 pm - 6:00 pm |
| Closing Remarks, Day-3 & IWMSC-2020, Prof. K.K. Verma & Prof. Srinivasan | 6:05 pm - 6:15 pm |

*IST (India) 3.00 pm = EDT (USA) 5:30 am = KST (South Korea) 6:30 pm = CEST (Sweden) 11: 30 am

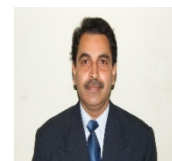
KEYNOTE SPEAKERS



Dr. Sessa S. Srinivasan

Florida Polytechnic University, USA

Topic: Exotic Materials, Discovery for Clean energy storage and environment applications



Prof. Ravindra Dhar

Centre of Materials Sciences,
Allahabad University, Prayagraj, India

Topic: Characterizing techniques of liquid crystal

Dr. Aditya D. Mohite

Department of chemical and
Biomolecular Engineering, Rice
University, USA

Topic: Halide Perovskites: A new class of semiconductor with emergent Properties



Prof. R.K. Shukla

University of Lucknow, Lucknow, India

Topic: Synthesis of conducting polyaniline, metal doping and application



Dr. Rajesh Kumar

IIT, Indore, India

Topic: Raman effect: from scattering to spectroscopy and beyond



Dr. Shobhna Chaudhary

Senior Scientist,
CSIR-NISCAIR, New Delhi, India

Topic: Advances in polymer nanocomposites and Electrolytes

Prof. Anchal Srivastava

Department of Physics, BHU, India

Topic: A journey from eye to electron microscope.



Dr. Himanshu Mishra

Uppsala University, Sweden

Topic: Synthesis, characterization, and applications of fluorescent Molybdenum Disulfide nanostructures



Prof. Binay Kumar

Department of Physics & Astrophysics
University of Delhi, India

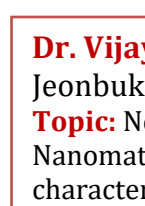
Topic: Synthesis of piezoelectric materials for energy harvesting applications



Dr. Ajeet Kaushik

Florida Polytechnic University, USA

Topic: Magneto-electric nanoparticles for personalized health care management



Dr. Vijay Kumar Singh

Jeonbuk National University, S. Korea

Topic: Novel 2D,0D and Hybrid Nanomaterials: Synthesis, characterization, and application



Prof. Varsha Khare

Seoul National University, South Korea

Topic: Challenges in Materials Development for 3D/4D Printing Possibilities by Artificial Intelligence



Dr. Manoj Gupta

AMPRI, Bhopal, India

Topic: Piezoelectric Nanostructures for Flexible and Transparent Nanogenerator and application



Prof. Nicoleta Hickman

Florida Polytechnic University, USA

Topic: Pristine Graphene and Graphene Derivatives for Electrochemical Sensors and Biosensors.

For any query, feel free to contact:
Prof. K.K. Verma, Convenor, Mobile: 8004977977 |
Prof. S.S. Srinivasan, Co-Convenor, Mobile: +1-8134511876 | Dr. Anil Kumar, Organising Secretary, Mobile: 9918105292 |

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