

**4<sup>th</sup> Prof. Vijaya Agarwala Memorial National Conference  
on Microwave Absorbing Materials (VAMMAM-2020)  
(August 23<sup>rd</sup> -24<sup>th</sup>, 2020)**

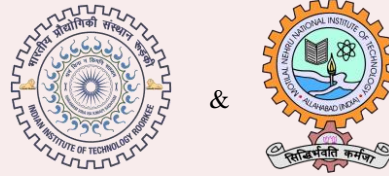
**From:**

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Prayagraj – 211004, INDIA



**4<sup>th</sup> Prof. Vijaya Agarwala  
Memorial National  
Conference on Microwave  
Absorbing Materials  
(VAMMAM-2020)  
August 23<sup>rd</sup> -24<sup>th</sup>, 2020**

Jointly Organized by



**Common Research Technology  
Development Hub (CRTDH) for New  
Materials/Stealth Applications,  
Centre of Nanotechnology  
Indian Institute of Technology Roorkee  
Uttarakhand – 247667, INDIA  
&  
Department of Applied Mechanics  
Motilal Nehru National Institute of  
Technology Allahabad, Prayagraj –  
211004, INDIA**

**Scope of the Conference**

Indian Institute of Technology - Roorkee is among the foremost of institutes of national importance in higher technological education and in engineering, basic and applied research. Since its establishment, the Institute has played a vital role in providing the technical manpower and know-how to the country and in pursuit of research. The Institute ranks amongst the best technological institutions in the world and has contributed to all sectors of technological development. It has also been considered a trend-setter in the area of education and research in the field of science, technology, and engineering. The Institute has completed 150<sup>th</sup> year of its existence in October 1996. On September 21, 2001, an Ordinance issued by the Government of India declared it as the nation's fourth Indian Institute of Technology. The ordinance is now converted into an Act by the Parliament to make IIT, Roorkee as an "Institution of National Importance".

Motilal Nehru National Institute of Technology Allahabad is an institute with total commitment to quality and excellence in academic pursuits. It was established as one of the seventeen Regional Engineering Colleges (RECs) of India in the year 1961 as a joint enterprise of Government of India and Government of Uttar Pradesh, and was an associated college of University of Allahabad. With over 50 years of experience and achievements in the field of technical education, having traversed a long way, on

June 26, 2002 MNREC was transformed into National Institute of Technology and Deemed University fully funded by Government of India. With the enactment of National Institutes of Technology Act-2007, the institute has been granted the status of "Institution of National Importance" w.e.f. 15.08.2007.

We are proud to organize this conference for the fourth consecutive year as an honor for Late. Prof. Vijaya Agarwala. The 4<sup>th</sup> conference on “**Prof. Vijaya Agarwala Memorial National Conference on Microwave Absorbing Materials (VAMMAM-2020)**” will held on online mode on **23<sup>rd</sup>-24<sup>th</sup> August, 2020**. The main focus of the conference is to provide the scientific world an insight in the research progress of microwave absorbing materials and techniques for the defense applications. Key aspects include “microwave absorbing materials” and “stealth & communication applications”. The conference aims to provide fruitful knowledge exchange among academicians, industry personnel and scientists coming from the area of defense.

The conference will include invited talks and contributed papers on emerging areas by eminent experts from various academic and research organizations as well as industries. The event will provide a platform that extends great opportunities to all the participants to learn and propagate newer and relevant ideas that will be presented and discussed during the session. In this context, we encourage submission of high-quality research papers.

Details have been mentioned in the section "Topic of Interest" which provides a tentative list, but the area of interest is not limited to these topics.

### **Topics of Interest**

Topics of interest of the conference include, but are not limited to, the following areas:

- **Electronics & Instrumentation**
- **Radar Absorbing Structures**
- **Stealth Radomes**
- **Microwaves for Target Detection & Identification**
- **Electromagnetic Interference Shielding in Communication Devices**
- **Microwave Measurements with Distinct Commercial Applications**
- **Microwave Absorbing Materials**
- **Stealth Materials**
- **Chaff Materials**
- **EM Wave Radiation Effect**
- **Mobile Radiation Effect**
- **EM Shielding**
- **EMC & EMI**
- **Information & Communication Technology**
- **Special session of materials for Miscellaneous Applications**

The conference is open to all those interested from academic, non-academic organizations and industry persons.

### **Invited Speakers**

- ❖ Dr. K. Bhanu Sankara Rao Editor-in-Chief, Indian National Academy of Engineering (INAE) Publications Pratt & Whitney Chair Professor, University of Hyderabad
- ❖ Dr. A. K. Singh, Director, Defence Electronics Research Laboratory, DRDO, Hyderabad
- ❖ Prof. Ratanmala Chatterjee, Indian Institute of Technology Delhi
- ❖ Prof. Dharmendra Singh, Indian Institute of Technology Roorkee
- ❖ Dr. Hema Singh, CSIR -National Aerospace Laboratories, Bangalore
- ❖ Dr. S. K. Dubey, CSIR -National Physical Laboratory, New Delhi
- ❖ Prof. Abhishek Kumar, Motilal Nehru National Institute of Technology Allahabad
- ❖ Prof. Ravi Panwar, Indian Institute of Information Technology, Design and Manufacturing, Jabalpur
- ❖ Prof. Neeraj Gill, Giani Zail Singh Campus College of Engineering and Technology, Bathinda, Punjab
- ❖ Dr. Naina Narang, Indian Institute of Technology Roorkee

### **Paper Submission**

Please submit full papers in IEEE format with not more than 4-5 pages including all figures and references through the link provided. Papers exceeding 5 pages will not be

published. You can download IEEE format for your reference from IEEE website.

Paper Submission Link:  
<https://forms.gle/3TnPuqhC5q7zdsWT6>

If you are finding any difficulty in submitting your paper with Google form then please mail us at [vammam2020@gmail.com](mailto:vammam2020@gmail.com).

### Venue & Time

Time: 23<sup>rd</sup> -24<sup>th</sup> August, 2020

**MS Teams online platform (link will be provided in due time)**

### Limiting Dates

Paper submission deadline: 15<sup>th</sup> August 2020

Notification of acceptance: 20<sup>th</sup> August 2020

### Registration

Registration Fee: **INR 500/-** per registration.

Payment should be made through following online link by selecting Utrakhand → Educational Institutions → Dean SRIC Conf:

<https://www.onlinesbi.com/sbicollect/icollect/home.htm>

### Tentative Program

August 23, 2020

Inauguration	: 10.00 AM
Invited Speeches	: 10.30 AM
Technical Session-I	: 11.30 AM
Technical Session-II	: 02.30 PM
Technical Session-III	: 04.30 PM

August 24, 2020

Technical Session-IV	: 10.00 AM
Technical Session-V	: 12.00 Noon
Valedictory	: 02.30 PM

### Organizing Team/Advisory Committee

Prof. Dharmendra Singh, IIT Roorkee  
Prof. (Retd.) R. C. Agarwal, IIT Roorkee  
Dr. K. Bhanu Sankara Rao, University of Hyderabad  
Prof. Ramesh Pandey, MNNIT Allahabad  
Prof. R. K. Dutta, IIT Roorkee  
Prof. Yogesh Sharma, IIT Roorkee  
Prof. M. V. Kartikeyan, IIT Roorkee  
Prof. Abhishek Kumar, MNNIT Allahabad  
Prof. K. P. Singh, IIT (BHU) Varanasi  
Prof. P. K. Jain, NIT Patna  
Dr. A. K. Singh, DLRL, DRDO Hyderabad  
Dr. Hema Singh, NAL Bangalore  
Dr. S. K. Dubey, NPL, Delhi  
Prof. Smriti Agarwal, MNNIT Allahabad  
Prof. Ravi Panwar, IIITM Jabalpur  
Prof. V.S. Pandey, NIT Delhi  
Prof. Neeraj Gil, Giani Zail Singh Campus College of Engineering and Technology, Bathinda, Punjab  
Dr. Naina Narang, IIT Roorkee  
Dr. Varsha Mishra, Italy

### Contact us

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Phone: +91-(0)1332-285695, 284417

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### **REGISTRATION FORM**

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Date:..... Signature of the participant

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