

# “National Conference on Functional Materials for Device Applications (NCFMDA)”

9-10 March, 2018



**Organized by**  
The Department of Physics  
Guru Nanak Dev University  
Amritsar – 143 005

**Sponsored by**  
DST-PURSE & UGC-SAP



## About the conference:

Functionalization of materials has attracted more attention in scientific and engineering fields due to the ever increasing demand on materials with improved operating capabilities in many advanced technologies. This has led to a rapid growth of R&D initiatives on development of new and novel materials globally. Laboratories the world over have identified development of materials with improved functional efficiency to meet the growing challenges in several applications such as energy, healthcare, defence, space, consumer electronics etc. as a major thrust area. Therefore, it is necessary for the scientific community to update the latest developments by way of interaction and sharing of knowledge with scientists, academicians, students and researchers working in this area. The conference is aimed at bringing together the scientific and technical community to share their knowledge based on following the areas.

### NCFMDA Thrust Areas

- ✓ Nanomaterial-Synthesis and processing
- ✓ Graphene and Carbon Nanotubes
- ✓ Energy Harvesting materials
- ✓ Semiconductor Nanostructures
- ✓ Environmental coordination materials
- ✓ Biomaterials and Biodevices
- ✓ Photonics, Electronic and Magnetic Materials
- ✓ Ceramic materials and properties
- ✓ Functional & construction materials
- ✓ Microelectronic materials
- ✓ This film growth process and properties.

## Organizing Committee

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Prof. Jaspal Singh Sandhu,  
Vice-Chancellor, Guru Nanak Dev University, Amritsar

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Prof. N.P.S. Saini

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Dr. Anupinder Singh

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## Contacts:

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## Local Organizing Committee

Prof. B.S. Bajwa  
Prof. Lakhwant Singh  
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Prof. Atul Khanna  
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Dr. Sukhdeep Kaur  
Dr. Sandeep Sharma  
Dr. Parmjit Kaur  
Dr. Mandeep Singh  
Dr. Harjeet Kaur

### Abstract Submission

Abstracts are invited for oral and poster presentations in the above said thrust areas. The abstract should be prepared in English using Times New Roman 12 font with 1.5 spacing for text and 14 font bold for title of the abstract in a MS word file. The abstract should contain title of abstract name of the author(s), affiliation, e-mail address, key words.

### Important Details

Submission of abstract	:	20 February 2018
Acceptance of the abstract	:	24 February 2018
Registration dead line	:	28 February 2018

### Registration fee

Category	Fee
Student	250/-
Faculty/Scientist	500/-
Accompanying Person	200/-

## About Guru Nanak Dev University

Guru Nanak Dev University was established on November 24, 1969 on the eve of 500th birth (quincentenary) anniversary of Sri Guru Nanak Dev Ji at Amritsar, with an objective of imparting education and promoting research in social sciences, humanities, professional/job-oriented courses, theoretical & applied sciences and technology. The motto of the University as engraved on its emblem 'Guru's Wisdom Illumines All' speaks of the vision and idealism for which the University stands. Spread over a stretch of 500 acres towards the west of the city, Guru Nanak Dev University presents a picture of modern architecture. The University today boasts of 37 academic departments, four regional centres, five constituent colleges and a score of support service departments. The University takes pride in the fact that National Assessment and Accreditation Council (NAAC) has accredited the University at the highest Five Star level.

### About Punjab and city of Amritsar

Punjab is one of the leading states and is known to be the 'Food Basket' of the country. The State with a geographical area of less than two percent of the country, contributes more than 50 percent of wheat and 40 percent of rice to the central pool. Industrially, the State is dominated by the small sector. The Holy city of AMRITSAR, famous for the historic and serene shrine SRI HARMANDAR SAHIB (also known as **GOLDEN TEMPLE**), is recognized as the Mecca of Sikhs and a revered place for all faiths.

### Location

Guru Nanak Dev University, Amritsar is located at a distance of 8 kilometers from Bus Stand; 6 kilometers from Railway Station and 15 Kilometers from Air Port. Amritsar is well connected with others cities by trains as well as by air.

### Climate

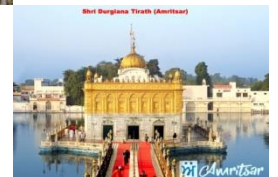
During the first week of March, Amritsar generally experiences cold weather conditions, and the temperature generally hovers around 08-22 C.

## Accommodation details

Accommodation for participants shall be arranged on request (at their own cost). Prior requisition should be sent via e-mail to the organizing secretary.

### Mode of payment

The payment can be paid by cash or DD (of any nationalized bank in favour of '**The Registrar, Guru Nanak Dev University**') payable at Amritsar. The registration form along with the payment may be sent to the organizing secretary.



### Address for Communication

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Amritsar-143005  
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**E-mail:** ncfmda@gmail.com