

# NAEM-2015

## National Conference on Advances in Engineering Materials

March 20-22, 2015

**Organized by: Department of Physics, DIT University, Dehradun**

Advanced materials outperform conventional materials with excellent properties such as high electrical, magnetic and mechanical strength and excellent optical properties. They can have novel properties including the ability to sense the human relationship with nature and respond to changes in environment. The development of functional materials can lead to the designing of completely new products including medical implants, miniature energy storage devices, display devices etc. The new or advanced materials with superior performances for specific applications include nano materials, polymers, super/metallic alloys, ceramic materials, biological materials having superior performance. Keeping this in mind a National Conference during March 20-22, 2015 is being organized. This will provide an opportunity to accomplish a forum for professional interactions and dissemination of information on latest and perspective developments in the emerging fields. The technical programme will include invited lectures by leading experts in the field, oral and poster presentations.

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#### About DIT University:

DIT University, a flagship organisation of the Unison Group, is a leading Technical University offering undergraduate, postgraduate and PhD programmes in several streams of engineering, information technology, management, computer applications, architecture and pharmacy. Geographically it is situated at Mussoorie foot hills 10 KM from Dehradun towards Mussoorie, a well known hill station of North India.

### National Advisory Committee

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## Call for Papers

Papers are solicited on following broad areas of materials science .

- Photonics, optical metamaterials, liquid crystals
- Emerging Green Materials for generation of Renewable Energies and Energy Storage Applications
- Functional electronic and magnetic materials
- Advance structural materials .
- Functional nanomaterials for catalytic and drug delivery applications.
- Device fabrication (Sensor, Actuator, MEMS and NEMS).
- Polymers and composites
- Biomaterials and Biopolymers
- Materials synthesis and materials characterization techniques.
- Nuclear Materials

Authors are invited to submit abstract of their work in about 200-250 words by January 31, 2015. The abstracts will be accepted only in electronic form and can be sent as MS Word file by e-mail at ([naem.ditu@gmail.com](mailto:naem.ditu@gmail.com)). Please include e-mail ID of presenting author and underline the name. The text should be sent on A4 size paper and title should be in UPPER CASE, 12 point, bold and centered. Leave double blank lines under the title and type the author's name followed by, on the next line, affiliation and address. Leave double line and begin the body of the abstract. Any references on support acknowledgements must be included within the text of the abstract.

## Registration Fee

All delegates are required to register for the conference as per details.

Type of Delegate	Registration Fee	After Deadline
1)Students/Research Scholars	Rs. 1500/-	Rs. 2000/-
2)Faculty	Rs. 3000/-	Rs. 4000/-
3) Industrialists	Rs. 5000/-	Rs. 6000/-

Registration fee include conference kit, tea and lunch in sessions and abstract booklet.

## Important dates

Abstract Submission: January 31, 2015

Intimation of acceptance: February 10, 2015

Registration\*: March 1, 2015

For Accommodation\*\*: March 5, 2015

\*The participants should register by sending the duly filled Registration form along with the registration fee through Demand Draft drawn in favor of "DIT University" payable at Dehradun on or before 1<sup>st</sup> March, 2015.

\*\*Accommodation will be on chargeable and first come first serve basis at University Guest House and Reputed Hotels in Dehradun

A one day trip on payment basis for sight seeing/famous places around DIT University may be organized on last day. The interested participants can register themselves for trip on the spot on helpdesk at conference venue.

## Address for correspondence

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## Few amongst many popular places to visit around DIT University, Dehradun



FRI (Forest Research Institute), 15 km



Tapkeshwar Temple, 15km



Mussoorie, 20 km



Rishikesh, 70 km



Kempty fall, 37 km



Dhanaulti, 50 km