



AMITY
UNIVERSITY
— LUCKNOW CAMPUS —



3rd NATIONAL CONFERENCE ON
NANOMATERIALS &
NANOTECHNOLOGY

21st – 23rd DECEMBER, 2010

Organised by:



AMITY SCHOOL OF
ENGINEERING & TECHNOLOGY

&



DEPARTMENT OF PHYSICS
UNIVERSITY OF LUCKNOW

It gives us immense pleasure to announce that Amity School of Engineering and Technology, Amity University Uttar Pradesh, Lucknow Campus, Lucknow and Department of Physics, University of Lucknow, Lucknow are going to jointly organise "3rd National Conference on Nanomaterials and Nanotechnology-2010" from 21st to 23rd December 2010 at Amity University Lucknow Campus. With the vibrant memories of the 1st and 2nd National Conference on Nanomaterials and Nanotechnology in 2008 and 2009 respectively still alive in our minds, we are again to meet for the 3rd Conference.

The Conference would be a conglomeration of young researchers and eminent scientists of cutting edge Nanotechnology who will share their knowledge and expertise and promote the theme of the Conference.

The aim of this Conference is to hold open deliberations on the latest R & D in this exciting area. The Conference will provide the first hand assessment of the existing challenges and their prospective solutions and help participants devise future strategies. The Conference will provide a forum for academicians, researchers and students working on nanotechnology.

The Conference has been made possible by the guidance, constant motivation and encouragement of the following:

Dr. Ashok K. Chauhan, Chief Patron
Maj. Gen. (Retd.) K. K. Ohri, AVSM, Chairman
Prof. S. T. H. Abidi, Vice Chairman

Chief Guest and Keynote Address

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Mr. Sachin Kumar

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Mr. Rajinder Tiwari

The topics being covered in the Conference are as follows:

1. Synthesis of Nanomaterials
2. Characterisation of Nanomaterials
3. Applications of Nanomaterials
4. Nanosensors
5. Solid State Sensors
6. Fullerenes and Carbon Nanotubes
7. Nanobiotechnology and Biomolecules
8. Nanophotonics
9. Theoretical and Computational Aspects
10. Biomedical Applications
11. Green Nanotechnology: Energy and Environment

We invite original research papers for Oral/Poster presentation on the above themes and call the Conference.

Features of the Conference

- Technical Sessions having Invited Lectures by Eminent Scientists
- Presentation (Oral/Poster) of Contributory Papers
- Awards for the best Poster and Oral Presentations
- Special Session for Under Graduate Engineering Students
- Three Budding Nanotechnologist Awards to Under Graduate Engineering Students
- Panel Discussion

Nanotechnology is an emerging field in modern age. A vast literature is available in the form of books, research papers, articles, review and of course internet. To express the knowledge or information in the form of pictures, sketches, and drawing will be fascinating.

To encourage the budding talents of undergraduate students, posters are invited on the following topics:

Nanotechnology: "There is plenty of room at the bottom"

Nanoscience: "A new paradigm of 21st century"

Nanotechnology: "Going small for big advances"

1. First three best posters will be awarded Budding Nanotechnologist Award.
2. A standard chart paper can be used.
3. Interested students must confirm their participation latest by 10th December, 2010 to the Convener on email: natconnamtech2010@lko.amity.edu

Registration

- Participants should confirm their registration on the prescribed format
- Participants are requested to register in time to avoid inconvenience regarding their accommodation
- The fee may be sent by Demand Draft of any Nationalised Bank drawn in favour of "Amity University, Uttar Pradesh" payable at Lucknow

Registration Fee

Category	Before Nov. 30, 2010	After Nov. 30, 2010
Students and Research Scholars	₹ 500	₹ 700
Faculty and Scientists	₹ 1000	₹ 1500

Abstract/Manuscript Submission

The organising committee invites original research papers for Oral/ Poster presentation. Authors are requested to send their one page A-4 size extended abstracts as an attachment (word file) on the Email:natconnamtech2010@lko.amity.edu by 30th November, 2010.

Participants will be intimated by email of the acceptance of abstracts so that they can submit the Full paper/manuscripts of the accepted abstracts on the same email latest by 5th December, 2010.

The Abstracts/Manuscripts should be prepared in the following format:

Font: Times New Roman | **Title of the Paper:** 12 point bold | **Names of the Author:** 10 point bold | **Address and Affiliation:** 9 point italics | **Email / Telephone Number:** 9 point bold | **Abstract:** 9 point (10.5 cm width) | **Section Heading:** 9 point | **Figure Caption:** 9 point

All the invited lectures and contributed papers will be published as a Conference proceeding with ISBN number.

Dates to Remember

Last Date for Receipt of Abstracts: 30th November, 2010

Last Date for Submission of Manuscript of the accepted Abstract: 5th December, 2010

Last date for UG Students to Register their Poster Presentation: 10th December, 2010

Last Date for Early Registration: 30th November, 2010

Conference Dates: 21st to 23rd December, 2010

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Amity is India's leading education group where in 80,000 students are pursuing over 240 programmes in 3 Universities and over 150 Institutions of higher learning. With over 2 decades of excellence in education, Amity today has a team of 3500 faculty, researchers and scientists who make up a brilliant academic and professional learning environment. In just one year, Amity scientists & researchers have filed 150 patents in diverse areas, besides being credited with 150 books and 1,000 research papers.



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All correspondence regarding Conference should be made to the Convener