



INVITATION



National Conference on "Nanoscience and NanoBiotechnology: Present and Future Perspectives" (LSFI-MIET-NANO-2011)

We invite you to participate in the National Conference on "Nanoscience and Nanobiotechnology: Present and Future Perspectives" (LSFI-MIET-NANO-2011). Event is jointly organized by Life Science Foundation India, Karnataka and Meerut Institute of Engineering and Technology, Meerut, Uttarpradesh. It intends to stimulate discussions on the forefront of research, education and commercialization of nanoscience and nanobiotechnology applications with present and future prospective under the following themes.

- **Themes:** (i) Bioscience and Biotechnology (ii) Nanomedicine and Pharma (iii) Nanotechnology in Agriculture and Food (iv) Nanotechnology in Veterinary & Animal Science (v) Biochemical Nanobiotechnology and (vi) Nanobiosensors and Electronics etc.
- **Date and Venue:** November 26th, 2011 at MIET, Meerut, Uttara Pradesh, India.
- **Call for Papers:** Well focused, organized and current developments discussed research or review papers may be submitted for oral or poster presentation.
- **Who can apply:** Interested participants from University, Colleges, Industry, Professionals, Faculty, Researchers and Students in Sciences, Physics, Chemistry, Pharmacy, Medicine, Agriculture, Veterinary, Biotechnology and life sciences etc.
- **Registration Charges:** Includes Conference materials, proceedings and working lunch only (Industry - Rs. 2500/-; Faculty- Rs. 1200/-; Students (With Fellowship) –Rs. 800/- ; Students (Without JRF / SRF) –Rs. 300/-).
- **Sponsorship:** We are bringing out the "Proceedings and Souvenir". We are happy in inviting you to sponsor this event and thus be a part of it. The sponsors message / information / advertisement will be published in the "Proceedings and Souvenir ". Sponsors may support for (a) Inside Half page : Rs. 10,000/-; (b) Inside Full page : Rs. 20,000/-; (c) Inside Cover page: Rs. 35,000/- (f) Backside Cover page in Color: Rs. 50,000/-. (Payment may be made through DD (demand draft) drawn in favor of "Life Science Foundation India" and send to by registered post to : **Admin. Office, LSF India, Morigeri-583220, Bellary, Karnataka, India.** Kindly submit the scanned soft copy of advertisement materiel by email nanobiotek@yahoo.com / lsfindia@yahoo.co.in
- **Last date:** Paper submission-10-10-2011; Acceptance of papers- 20-10-2011; Registration- 26-10-2011; Sponsor submission: 30-10-2011
- **Details visit Website:** www.lifescience.org.in / www.miet.ac.in

Contact for further details

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BROCHURE



National Conference on Nanosciences and Nanobiotechnology Present and Future Prospectives



(LSFI-MIET-NANO-2011)

Invitation

On behalf of the organizing committee, we would like to invite you to participate in the National Conference on Nanosciences and Nanobiotechnology: Present and Future Perspectives, (LSFI-MIET-NANO-2011) which will be held on November 26th, 2011 at Meerut, Uttara Pradesh, India. LSFI-MIET-NANO-2011 intends to stimulate discussions on the forefront of research, education and commercialization of nanosciences and nanobiotechnology applications with present and future prospectives. The conference will focus on fundamentals and applications of nanosciences and nanobiotechnology in various fields such as medicine, agriculture, animal science, pharmacy, inorganic nanomaterials and nanodevices, nanosystem, characterization and standards of nanostructures, and plasmonics, as well as modeling and simulation of nanostructures etc. We sincerely hope that, this opportunity presented by LSFI-NANO 2011 will serve the interest of the scientific community, as well as the industry and the general public. We wish to extend our warm welcome to all participants and sponsors of the event. Looking forward to meeting you in Meerut in November 2011.

.....*Organizing Secretary, Organizing Committee*

Scope

Nanoscience is one of the emerging areas of science and technology wherein, many fields converge in research dealing with objects that are measured in nanometers. Nanobiotechnology is a branch of nanotechnology that deals with biological and biochemical applications or uses. Nanobiotechnology often studies existing elements of living organisms and nature to fabricate new nano-devices. Generally, nanobiotechnology refers to the use of nanotechnology to further the goals of biotechnology. The potential uses and benefits of nanotechnology are enormous. It comes with a promise of improvisation, ad-libbing the present technology involved in almost everything spanning from the mundane features like better paints, self-cleaning windows to the bizarre tiny submarines that will glide through our veins destroying pathogens and parasites. Nano-systems in biology, the most complex and highly functional nano-scale materials and machines have been invented by nature. Proteins and nucleic acids, and other naturally occurring molecules (polymers) regulate and control biological systems with incredible precision. Ultra-strong or other clever materials are commonplace – from muscle glue, through spider's silk, to water-repelling lotus leaves. Many nanotechnologists are in fact drawing inspiration from biology to device new materials and devices. Nanobiotechnology is an promising area of scientific and technological opportunity. It applies the tools and processes of nano/microfabrication to build devices for studying biosystems. Nanobiotechnology as delivery platform offers very promising applications in drug delivery, Molecular Diagnostics etc. Researchers also learn from biology how to create better micro-nanoscale devices. This symposium will witness a number of talks by invited speakers, and also oral and poster presentations in the following topics.

Themes

- (i) Bioscience and Biotechnology
- (ii) Nanomedicine and Pharma
- (iii) Nanotechnology in Agriculture and Food
- (iv) Nanotechnology in Veterinary & Animal Science
- (v) Biochemical Nanobiotechnology and
- (vi) Nanobiosensors and Electronics etc.

Co-organizers

- Life Science Foundation India (LSFI), Karnataka
- Meerut Institute of Engineering and Technology (MIET), Uttar Pradesh

Date and Venue: 26th November, 2011, Seminar Hall, MIET, Meerut, Uttar Pradesh

Paper Presentation (Oral/Poster)

- Papers on any of the above themes may be submitted. Official language of conference is English. Each first author is entitled to submit only two papers. Papers shall not exceeding 6000 words, cited references to be limited to about 100 in number. Papers should be well focused and organized and discuss current developments in a field. Oral presentation is for 10 minutes. Poster size shall be 1 meter x 1 meter and should be neatly prepared which can be read from a distance of 3 feet. Papers should reach on or before 10th October 2011. All papers are to be submitted by email to the Organizing Secretary <nanolsfimiet2011@gmail.com>.
- **Guidelines for paper preparation:** Manuscripts should be typed double-spaced on one side of white A4 paper (21x28 cm). The pages should be numbered consecutively, starting with the title page and through the text, reference list, tables and figure legends. The **title** should be brief, specific and amenable to indexing. Not more than five **keywords** should be indicated separately; these should be chosen carefully and must not be phrases of several words. **Abstract** and **summary** should be limited to 100 words and convey the main points of the paper, outline the results and conclusions, and explain the significance of the results. **Text:** All papers should have a brief introduction. The text should be intelligible to readers from different disciplines and technical terms should be defined. Tables and figures should be referred to in numerical order. All symbols and abbreviations must be defined, and used only when necessary. Superscripts, subscripts and ambiguous characters should be clearly indicated. Units of measure should be metric or, preferably, SI. **Acknowledgements** should be as brief as possible. **Footnotes** are not normally allowed except to identify the author for correspondence. **References** should be numbered in superscript, serially in the order in which they appear, first through the text and then through table and figure legends. References should not include unpublished source materials. The list of References at the end of the text should be in the following format.
 1. Lindley, S. T., Estimation of population growth and extinction parameters from noisy data. *Ecol. Appl.*, 2003, **13**, 806–813.
 2. Martin, H., The Archaean grey gneisses and the genesis of continental crust. In *Archaean Crustal Evolution* (ed. Condie, K. C.), Elsevier, Amsterdam, 1994, pp. 205–259.
 3. Rao, K. N. and Vaidyanadhan, R., Geomorphic features in Krishna Delta and its evolution, Proceedings of the National Symposium on Morphology and Evolution of Landforms, Department of Geology, Delhi University, New Delhi, 1978.

Howtoapply?

Participants from university, Colleges, Industry, Professionals, Faculty, Researchers and Students in Sciences, Physics, Chemistry, Pharmacy, Medicine, Agriculture, Veterinary, Biotechnology and life sciences related areas who are interested to get exposure in this frontier area of science and technology. Submit the registration form along with a demand draft in favor of "LSF India" by registered post to : **Admin. Office, LSF India, Morigeri-583220, Bellary, Karnataka, India.** Registration Charges includes Conference materials, proceedings and working lunch only (Industry- 2500/-; Faculty- 1200/-; Students (With Fellowship) - 800/- ; Students (Without JRF / SRF) – 300/-). Limited number of **accommodation** for the participants on payment basis may be arranged on advance request. For details contact Dr. Pankaj Tyagi (09368891622 / nanobiotek@yahoo.com). **Nearest places of tourist interest** such as Haridwar, Rishikesh, Agra, Delhi, Dehradun, Hastinapur etc., may be visited by the delegates on their own.

Sponsorship

We are bringing out the "**Proceedings and Souvenir**". We are happy in inviting you to **sponsor** this event and thus be a part of it. The sponsors message / information / advertisement will be published in the "Proceedings and Souvenir ". Sponsors may support for (a) Inside Half page : Rs. 10,000/-; (b) Inside Full page : Rs. 20,000/-; (c) Inside Cover page: Rs. 35,000/- (f) Backside Cover page in Color: Rs. 50,000/-. (Payment may be made through DD (demand draft) drawn in favor of "**Life Science Foundation India**" and send to by registered post to : **Admin. Office, LSF India, Morigeri-583220, Bellary, Karnataka, India.** Kindly submit the scanned soft copy of advertisement materiel by email nanobiotek@yahoo.com / lsfindia@yahoo.co.in

Importantdates

- Paper submission by email (Oral / Poster): 10th October 2011Extended to 25th October 2011
- Acceptance of papers communication by email (Oral / Poster) : 20th October 2011 Extended 30th October 2011
- Submission of Registration form along with Demand Draft : 26th October 2011 Extended 30th October 2011
- Conference day : 26th November 2011

OrganizingCommittee

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Patron-in-Chief

Lt. J.M.Garga, Director General, MIET

Patron

Dr. A.K. Solanki, Director, MIET

Dr. Hiregoudra B, Executive Director, LSFI

Convener

Prof. S.K. Singh, Principal, Department of Biotechnology and Microbiology, CCSU-MIET

Co-Convener

Mr. Ajay Sharma, Department of Biotechnology, MIET

Organizing Secretary

Dr. Pankaj Kumar Tyagi, Department of Biotechnology, MIET, Meerut

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Dr. C M Kalibavi, UAS, Raichur, Karnataka

Ms. Shazia Saif, Scientific Associate, LSFI, Karnataka

Core Organizing Units of MIET

Department of Biotechnology (MT University)

Department of Biotechnology and Microbiology (CCSU-MIET Campus)

1. Title (Dr/Mr/Mrs)
2. Name & Address (include email and contact phone number)
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.....
.....
3. Date of Birth
4. Highest Education (Post Doc / Ph.D. / Masters / Bachelors)
5. Occupation
6. Nationality.....7. Paper submission (Yes / No)
8. Paper title
9. Registration charges enclosed (Demand Draft No., Date & Amount)
10. Declaration: I hereby declare that all the particulars stated in this registration form are true and correct to the best of my knowledge and belief.
11. Signature of the candidate
12. **Address for submission** : Executive Director and Patron, Life Science Foundation India, Admin. Office:
Morigeri – 583220, Bellary, Karnataka, India. **Email submission to nanobiotek@yahoo.com / lsfindia@yahoo.co.in**