

Registration fees for participants:

Registration fee includes conference kit, lunch, tea, snacks, dinner etc during conference days. All the participants are required to pay appropriate registration fees. Demand Draft may be drawn in favour of 'The Secretary ICRAMST-13' Payable at Surathkal.

Researchers	- Rs. 1250/-
Faculty	- Rs. 2500/-
Industrial Delegates	- Rs. 4000/-
Foreign Delegates	- USD 150
Accompanying person	- Rs 2000 / USD 100

Weather

During January, Mangalore has pleasant climate. The day and night temperatures vary around 25-30° C and 20-25° C, respectively.

International advisory board

- 1) Prof Ahmad Fauzi Ismail, Malaysia
- 2) Dr. Amir Al Ahmad, Saudi Arabia
- 3) Prof. Andreas Schmidt, Germany
- 4) Prof Abdul Latif, Malaysia
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- 10) Dr Victoria Volkis, USA
- 11) Prof Yoav Eichen, Israel
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11. Prof R. Raghunathan, University of Madras
12. Dr. Sudhir Nambiyar, Astra Zeneca, Bangalore
13. Prof. T. K. Chandrashekhar, Director, NISER, Bhubaneswar
14. Dr. Tarkeshwar Gupta, Delhi University
15. Prof Tejraj Amminbhavi, Reliance Life Science
16. Prof. Ullas Kharul, NCL Pune
17. Dr. Vijay Vittal Mathad, Megafine Pharma, Nasikh
18. Prof. Y. N. Mohapatra, IIT Kanpur

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- 3) Prof K.C. Shet - Dean (Faculty welfare)

- 4) Prof Sumam David - Dean Academic affairs
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- 9) Prof. G. Srinekathan - DASA Coordinator
- 10) Prof. N.K. Udayashankar - HOD Physics
- 11) Prof. Prasad Krishna - TEQIP Coordinator
- 12) Prof K. Narayan Prabhu - HOD Metallurgical & Mat. Engg.
- 13) Dr. Vidya Shetty - HOD Chemical Engg.

Patron : Prof. Swapan Bhattacharaya, Director NITK

Local Organizing Committee

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Chemistry Department

Conveners : Dr. Arun M Isloor & Dr. Darshak R Trivedi

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Dr. Rajmohan - Chemical Engg.
Dr. I. Reghupathi - Chemical Engg.

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**NATIONAL INSTITUTE OF TECHNOLOGY
KARNATAKA, SURATHKAL****INTERNATIONAL CONFERENCE****ON****RECENT ADVANCES IN MATERIAL SCIENCE &
TECHNOLOGY-2013****(ICRAMST - 13)****17th - 19th January, 2013****Convener**

Dr. Arun M Isloor
Associate Professor

Joint-convenor

Dr. Darshak R. Trivedi
Assistant Professor

**Organized by**

Department of Chemistry
National Institute of Technology Karnataka
Surathkal, Srinivasnagar- 575 025, Mangalore
INDIA

About the Institute

National Institute of Technology Karnataka (NITK) Surathkal is a premier technical institution engaged in imparting quality education in engineering and sciences with research and development in the contemporary fields. It has been declared as 'Institute of National Importance' by an act of parliament in 2007. Over the years, NITK has carved out a niche for itself amongst the best technical institutes in India. The primary objectives of the institute are to produce competent engineers with an innovative bent of mind and to generate knowledge through research & development for the benefit of society. NITK offers 9 B.Tech courses and 28 postgraduate courses. Presently, the institute is equipped with many sophisticated instruments, new laboratory facilities and good research infrastructure under the scheme of TEQIP fund. In 2009, NITK has celebrated its 50 years of existence (Golden Jubilee).

About the Department

The Department of Chemistry is one of the departments established from the inception of National Institute of Technology Karnataka in the year 1960. It has well established laboratories equipped with sophisticated instruments which caters the needs of UG, PG and research students. At present department has 8 faculty members, 44 Masters students and around 40 research scholars. The department has undertaken many research projects funded by MHRD, DRDO, BRNS, etc. Recently single crystal X-ray diffractometer has been installed under the sponsorship of the Department of Science & Technology (DST)-New Delhi under the FIST program.

Background

Modern university education and research require the widest possible communication and cooperation. The proposed International Conference offers in-depth exposure to the latest developments in Chemistry and Materials by internationally & nationally reputed scientists & experts. Key topics include advances in Nanomaterials, Medicinal Chemistry, Drug Discovery, Natural Products, Liquid Crystals, Organic Electronics, Polymers, Electrochemistry, Supramolecular Chemistry, Crystal Engineering, Green Chemistry, Coordination Chemistry, Metal-Organic Frameworks (MOFs), Catalysis, Environmental Chemistry, Membrane Technology, Photo-Chemistry, Corrosion Science, Biophysical Chemistry, Reaction Kinetics, Computational Chemistry & latest developments in the Functional Materials.. The conference also provides a contemporary foundation for addressing problems in chemistry and materials research. In a bid to serve in this direction, Department of Chemistry, NITK Surathkal, has planned to conduct a three day 'INTERNATIONAL CONFERENCE ON RECENT ADVANCES

IN MATERIAL SCIENCE & TECHNOLOGY-2013 (ICRAMST-2013) to benefit students, young researchers, industrial participants and teachers. This conference is motivated by the need to learn more about the latest advances in Chemistry, materials and its applications.

Objectives

Major objectives of this conference are to provide an interdisciplinary forum for scientists, academicians, researchers engaged in the full spectrum of research, development, application and to discuss the current status and recent developments in chemistry and material sciences. Themes have been selected to accommodate a wide range of interests to facilitate interdisciplinary interactions in both academia and industrial science and technology.

- ❖ To know the advances in Chemistry and Materials taking place in the different parts of the world and their allied applications.

- ❖ Better understanding of contemporary and emerging research opportunities in chemistry of materials.

- ❖ To improve the ability to rationally address problems in chemistry of material research.

- ❖ To provide a platform for researchers, students, faculties and industrial participants to deliberate and discuss the Advances in Chemistry of Materials for initiating industry-institution interactions and international collaborations.

Conference Programme

The Conference will have Plenary (60 Minutes) and invited lectures (45 Minutes) by eminent Scientist from various international and national laboratories, academic institutions and industries. Further, it includes oral presentation (10 Minutes) and poster presentation (100 cm X 100 cm) from young scientists and research scholars. Prizes will be awarded for best presentations in both the categories. About three hundred participants are expected to attend the conference.

Important Dates

Submission of abstract: On or before November 25th 2012

Intimation of acceptance of abstracts: By December 5th 2012

Normal registration for the conference: December 20th 2012

Late registration with 20% penalty: Till January 8th 2013

Venue

The conference will be held at NITK Surathkal. The institute is located 22 km north of Mangalore city along the Kanyakumari-Mumbai National Highway 66. NITK is easily accessible from all parts of the country. Being situated on NH 66, the campus is well connected by bus routes. Surathkal on the Konkan railway is the nearest railway station and is a stopover for most of the trains passing through Konkan railway. While Surthakal and Mangalore Junction (Kankanady) are the closest alighting points for visitors coming by train from North

India. Mangalore Central is the terminus for many trains coming from South India. Mangalore Junction and Mangalore Central railway stations are about 20 km away from campus and well connected by express bus services at every five minute frequency. The Mangalore airport is just 20 km away from the campus. Mangalore is well connected by Air from Mumbai, Bangalore, Hyderabad and Chennai.

Call for Papers

Abstract of research are invited for oral / poster presentations under above mentioned topics. The abstract should be restricted to one page of A4 size leaving one inch margin on all the sides. The title should be in bold(Times New Roman font size 14) followed by author(s) name, affiliation and address including e-mail(Times New Roman font size 12). The name of the presenting author should be underlined and the corresponding author indicated by an asterisk. This should be followed by the text(Single space, Times New Roman font size 12). The abstract prepared in MS Word format should be sent as an e-mail attachment to the secretary/conveners latest by 25th November 2012. The corresponding author of all accepted abstracts will be informed through e-mail by 5th December 2012 and will be posted on institute website. Please note that only abstracts of those who register for the conference will be included in the abstract book. Further informations will be updated on the institute website.

Accommodation for Participants

Limited accommodation will be arranged for participants in the Institute Guest house/hostels on specific request on a *first come first serve* basis for which participants have to pay accommodation charges which vary from Rs. 250 to Rs. 500 per day. Accommodation can also be arranged in Hotels at Mangalore/Surathkal on prior request. Transport arrangements will be made to pick up delegates from Hotels. Latest information will be uploaded in **www.nitk.ac.in** Those who require accommodation are requested to make full payment of the days required on or before 30th December 2012.

Tourist Spots

Mangalore is famous for sightseeing locations and tourist spots. Some of these are given below. Udupi (40 km); St. Mary's island (45 km), Dharmasthala (60 km); Kollur (90 km); Sringeri (125 km); gokarna (125 km); Moodabidri (40 km); **Beaches:** Surathkal, Ullal, Panambur, Bekal Fort; Pilikulla Nisarga dhama and Mansa water park. The other important tourist centers of the Karnataka State close to Mangalore city are Madikeri (Coorg, 150 km), Mysore (250 km), Belur and Halebeedu (250 km), Shravana Belagoda (250 km).