



KUMAUN UNIVERSITY
2nd International Conference
on
Energy, Functional Materials and
Nanotechnology
& Sustainable Environment Management



MAY 24-26, 2019
Organized by
Nanoscience and Nanotechnology Centre
Department of Chemistry
Kumaun University, Nainital-263002
Uttarakhand, India

WELCOME TO ICEFN & SEM -2019

This science consortium is dedicated to those scientists who motivated generations across the globe. Since the past decades, our devices are becoming smaller and compact in size and at the same time getting better in terms of performance, feature, energy and durability due to advances in the field of smart material and nanotechnology. The Nanoscience and Nanotechnology Centre (NSNT), Department of Chemistry, D.S.B Campus, Kumaun University, Nainital, Uttarakhand, India is organizing 2nd International Conference on "ENERGY, FUNCTIONAL MATERIALS AND NANOTECHNOLOGY & SUSTAINABLE ENVIRONMENT MANAGEMENT" (ICEFN & SEM-2019) from 24th to 26th May 2019. The conference intends to provide a platform for discussion among various pillars of science fraternity from across the globe. We believe this conference will unravel the never ending mysteries of the exciting world of nanotechnology and will provide an opportunity to the large section of the science community to interact with distinguished scholars in these areas. The plenary, key notes and invited talks by eminent scientists would give insights to the current research scenario around the world that are proving beneficial to the society at large.

This conference will cover the following areas (but not limited to):

- Solar Cell, Fuel Cell, Biosensors, Batteries, Supercapacitors, Wind Energy, Photovoltaics, Biomaterials
- Drug Discovery and Delivery.
- Advanced Inorganic, Organic Materials. Natural Products.
- Medicinal Chemistry. Functional Polymers. Ceramic Materials
- Composite Materials.
- Smart Sensor Materials and Technology
- CNT's Graphene and 2D Nanomaterials, Nanoelectronic, Nanopharmaceuticals.
- Polymer Nano Composite
- Nanomaterials and Nanotechnology for Various Application
- Biological Prospects and Environmental Components
- Water Technology
- Waste Management

About Kumaun University

Established in 1973, Kumaun University, Nainital (ISO 9001-2008) is a State University, consisting of three campuses at Nainital, Bhimtal and Almora, and hundred affiliated colleges spread all over the Kumaun region

About Chemistry Department and Nanoscience & Nanotechnology Center:

This Department of Chemistry was established in 1951 under Agra University. The Department is one of the most prestigious departments in the country which runs U.G., P.G. and Ph.D. programmes. It is well equipped with modern research analytical facilities and received financial assistance from FIST level-I. The department is engaged in research on Natural products, Soil chemistry, Chemical kinetics, Chemical evolution and Nano materials.

Nanoscience and Nanotechnology Centre was established in Feb 2015 from the financial assistance provided by Hon'ble Member of Parliament (Rajya Sabha), Shree Tarun Vijay. This is a unique and the world class research center of Uttarakhand working in various horizons of the nano research. It covers a gamut of topics ranging from solar cell, fuel cell, biosensors, super capacitors, biomaterials, drug delivery, advanced inorganic, organic, nanomaterials and electronics, polymer nanocomposite to nanotechnology applications.

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Prof. R.D. Kaushik, Gurukul Kangri Vishwavidyalaya, Haridwar, India

Keynote Speakers

- Prof. Surendra Saxena, Florida International University, Miami, FL 33176, USA
 Prof. Shen Zexiang, Nanyang Technological University, Singapore
 Prof. James T. Mcleskey, Randolph- Macon College, USA
 Dr. Karl Williams, University of Central Lancashire, U.K
 Prof.T. Pradeep, IIT, Madras, India
 Prof. Rakesh Bhatnagar, Vice Chancellor, BHU, Varanasi, India
 Prof. Ashok K. Ganguli, IIT, Delhi, India
 Dr. Anjan Ray CSIR-Indian Institute of Petroleum, Dehradun

Special Invited Speakers

- Prof. C.K. Das, IIT, Kharagpur, India
 Dr. Ali Abbas, The University of Sydney, Australia
 Dr. ZaherJudeh, Nanyang Technological University, Singapore
 Dr. Serguei V. Savilov, Moscow State University, Russia
 Dr. Shantiranjana Shannigrahi, IMRE, Singapore
 Dr. L.K. Bera, IMRE, Singapore
 Prof. Tapas Sen, School of Physical Sciences and Computing, U.K
 Dr. R.S.Rawal, Director, GBPNIHESD, Kosi, Katarmal, Almora, India
 Prof. Shantanu Bhowmik, Amrita University, India
 Prof. Jitendra K. Bera, IIT, Kanpur, India
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 Prof. Subodh Kumar De, Indian Association for the Cultivation of Science, Kolkata, India

- Prof R.D. Kaushik, Gurukul Kangri Vishwavidyalaya, Haridwar, India
 Dr. Atul Grover, DIBER, Haldwani

HOW TO REACH NAINITAL

By Air: Pantnagar, the nearest air- port is situated 72 Kms from Nainital. This Airport is well connected to the Indira Gandhi International Airport, New Delhi
By Train: Kathgodam, the nearest railway station is situated at a distance of 40 Km (1 hour journey). Kathgodam railway station is well connected to the major destination of India. It is easy to get conveyance from Kathgodam to Nainital round the clock.
By Bus: Most of the North Indian cities and states are well connected with Nainital via state public transportation system.

WEATHER OF NAINITAL

The beauty of Nainital can only be felt as it is a fantastic combination of mountains, lakes, clouds and ever changing weather. Nainital is colder as compared to the other hilly tracts of Kumaun region. During monsoon, it gets heavy rainfall (July to September). Summer in Nainital (April to June) remains very favorable as temperature rises to a maximum of 30°C, the average minimum temperature in winter being 10°C (late October to mid-February). Nainital is a centrally located hill station which is expediently linked to various Lakes and Valleys of Uttarakhand. Hotspots like Bhimtal, Sattal, Kausani, Ranikhet and Almora are only hours away and are linked by well laid out snaking hill roads. The breathtaking view of snow peaks and Himalayas add immense value to the scenic beauty making the drive and the overall experience a truly memorable one. Surrounded by a magnificent oak and rhododendron forest, Nainital commands a breathtaking view of Kumaon & Nepal snow ranges which include **BANDAR POONCH, CHAUKHAMBA, NEEL KANTH, TRISHUL, NANDADEV, PANCHACHULI, Mt. API, NAMP** to name a few. A place right in the lap of nature, untouched by pollution and the daily pandemonium of urban living, it

offers the traveller a veritable feast of scenic beauty and peace of mind. The rejuvenating experiences invigorate the body and soul. Apart from the scenic beauty, the Naini Hills also envelop a host of tourist attractions; from recreational sources like a small adventure park, mountain expedition programmes, exotic picnic spots and boating to the taste buds-tingling Tibetan cuisine and cuisines from around the world. The trek to Snow view, Kilbury, Tiffin Top and the China peak have proven to be the most challenging trekking paths for those who yearn for adventure.

CALL FOR PAPERS

The three day conference will have presidential address, keynote address, special invited and invited lectures, presentation of research papers and posters on the theme. It is intended to publish separate proceedings of the contributors on the theme of the conference. This would include plenary lectures and selected sessional presentations of research papers by young scholars. Please send your abstracts on energy, functional materials, nano technology and sustainable environment management for publication in the proceedings. The conference will deal with the topics solar cells, fuel cells, biosensors, batteries, supercapacitors, wind energy, photovoltaics, functional biomaterials, drug delivery, advanced inorganic, organic and ionic materials, natural products, medicinal chemistry, functional polymers, ceramic materials, composite materials, smart sensor materials and technology, CNT's, graphene, and 2D nanomaterials, nano electronics, nanopharmaceuticals, polymer nano composite, nanomaterials and nanotechnology for various applications, biological prospects and environmental components, environmental management and waste management. Participants should submit the abstracts not exceeding 200 words (Min. 150 words) on a separate sheet mentioning the scientific section in which they want to present the paper to the Convener/Co-Convener, ICEFN & SEM- 2019 by 28th February 2019. Not more than one paper is allowed to be presented by each delegate. The papers received after the 28th February 2019 will not be considered. The abstract should be typed in Times New Roman, 12pt, line spacing 1.0. The title of the paper should be bold, in capital letters and with a font size of 14 followed by Name of author(s) (font size 12) along with their affiliation(s) (italic, font size 12) and the presenting author should be underlined.

Prof. Nanda Gopal Sahoo
Convener, ICEFN & SEM- 2019
Dr. Geeta Tewari
Co-Convener, ICEFN & SEM- 2019
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"The conference will provide a platform for budding scientists and young researchers. 'Young Scientist Awards' will be given in both the categories viz. oral and poster presentation in order to motivate and encourage young researchers"

*** All the accepted papers submitted for presentation in ICEFN & SEM - 2019 will be published in ISBN online journal**

IMPORTANT DATES

Abstract submission opens	1st Dec, 2018	Notification of acceptance	05th April, 2019
Abstract Submission Closed	31st March, 2019	Early bird registration	10th April, 2019

REGISTRATION

The registration fee includes attendance at all conferencesessions, registration materials, conference proceedings, morning and afternoon teas, all lunches and dinners, the special conference dinner and free entry to the traditional cultural programmes of Nainital.

	Early Bird (Paid before or on 31 st March 2019)	Regular (Paid after 31 st March 2019)
Indian Delegate (Faculty & Scientist)	Rs. 4000	Rs. 5000
Indian Delegate (Student)	Rs. 2500	Rs. 3000

Indian Delegate (Accompanying Person)	Rs. 2500	Rs. 3000
Indian Delegate (Industry)	Rs. 7000	Rs. 9000
Foreign Delegate	\$ 400	\$ 500
Foreign Delegate (Student)	\$ 250	\$ 300

All outstation delegates should pay the registration fee by Demand Draft drawn in favour of **ICEFN NTL**. The payment can also be made by online bank transfer by RTG/NEFT in favour of **ICEFN NTL, Bank of Baroda, D.S.B Campus, Nainital 263002**.

A/C : **98420100006272**, IFSC Code : **BARB0EXTNAI**

Send copy of registration form along with money transfer receipt of Bank/ DD/ cheque (for locals only) with abstract to email address.

Please send the On-line/Off-line filled Registration Form to the ICEFN & SEM-2019 Convener/Co-Convener address along with the Demand Draft.

Note: Registration without DD/NEFT/RTGS will not be considered as a valid Registration.

ACCOMMODATION

Accommodation will be provided on demand, which should be mentioned in the registration form. Tariffs for the accommodation are given below (day occupancy charge & are inclusive of taxes). Accommodation will be booked only on complete payment of charges of the days of stay. The payment for the accommodation can be remitted either electronically or by demand draft.

Sr. No.	Category	Amount/Day
1.	Category A Hotels	Rs. 5000
2.	Category B Hotels	Rs. 3000
3.	Category C Hotels	Rs. 2000
4.	Guest House	Rs. 800
5.	Dormitory, only for Students	(Limited)

CONTACT FOR SPONSORSHIP: Various private sectors involved have the opportunity to take part in organizing this huge event. Sponsorship to the conference would be facilitated as per the different segments given below:

Title	Amount
Diamond	Rs. 50000
Gold	Rs. 25000
Silver	Rs. 20000
Bronze	Rs. 15000

Disclaimer: Any possible change in the schedule and dates is possible, which will be uploaded in the website. Please keep on visiting our website www.icefn2019.in

Correspondence: All correspondence could be done at the following addresses

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