

Call for Abstracts

Scientific abstracts are invited from academicians, practitioners, scholars and students

Important Dates:

- Abstract submission opens : 25.01.2019
- Abstract submission deadline : 28.02.2019
- Notification on acceptance : 02.03.2019
- Last date for registration : 08/03/2019

Submission Guidelines:

- A brief and concisely written abstract falling in the above specified areas are invited. The abstract is to be restricted to one page, with a precise title, name(s) of author(s), affiliation and corresponding author's email address.
- Abstracts should have a bold title typed in Times New Roman with font size of 14 and running text with font size 12. Abstract template can be downloaded from UoM, CMST website.
- Submission of abstracts are to be made to: uom.upe@gmail.com OR mtechmaterialsscience@gmail.com

Best Oral Papers and Best Posters prizes will be awarded.

Registration Details:

Name:
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Registration Fees in INR:

Academicians and Faculty members	1500/-
Industrialists	2000/-
Research scholars	800/-
Students	500/-

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University of Mysore

International Conference on

**Advanced Functional Materials
for Energy, Environment and
Health Care (AFMEEHC)**

Sponsored by

**University with Potential for
Excellence (UPE), UGC**

Date:

18 – 20 March 2019

Venue:

**Center for Materials Science &
Technology (CMST), Vijnana Bhavan
Manasagangothri, Mysuru
India - 570006**

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MYSURU

Mysuru, the cultural capital of Karnataka earned its sobriquet name due to its cultural ambience and achievements. The city is noted for its heritage structures and places, including Mysore palace.

The city had the first private radio station in India. Mysore University is headquartered in Mysore, which has produced several notable scientists, authors, politicians, actors, singers and sportsmen. Besides, Mysuru is the one of cleanest city in India and was announced as first cleanest city in 2015 & 2016. Presently, Mysuru is the declared as cleanest medium city in 2018 by The Ministry of urban development, Govt. of India.

UNIVERSITY OF MYSORE

University of Mysore is one of the oldest, well known and popular universities in India. The University of Mysore was established on July 27th, 1916. It is the sixth oldest in the country and the first in the state of Karnataka. It is the first University of the country to be established outside the limits of the British India. The University of Mysore was founded as a result of the efforts of the benevolent and visionary Maharaja of erstwhile Princely State of Mysuru. His Highness Shri Nalvadi Krishnaraja Wadiyar-IV (1884-1940), and the then Diwan Sir M. Visvesvaraya (1860-1962). It was the first university to be accredited by NAAC in 2000 with Five Star Status. The university is now ranked 36th in the India Rankings 2017, NIRF-MHRD, Government of India. The university celebrated its centenary year during the 2015-16 academic year. Currently, the university has 63 PG departments offering 76 postgraduate programs with more than 1,20,000 students studying UG, PG, M.Phil and Ph.D courses. There are 3 PG centers, 226 affiliated colleges, 66 recognized research centers, 8 training centers, 47 specialized programs, 38 foreign collaborations and 27 national collaborations. Further, there are 11 PG departments with national research facilities, 14 chairs, 13 DST-FIST, UGC-SAP funded departments and 13 supporting units. The University enrolls a large number of international students. It is located in Mysuru, the cultural capital of Karnataka. It is about 140 kms south west of Bengaluru, the State capital, and is well connected by rail, road and air.

About the Conference

The University of Mysore has a long established tradition in interdisciplinary and trans-border research involving Major departments like Physics, Chemistry, Earth Science, Environmental Science, Polymer Science, Biotechnology, and Microbiology working on the current topics in the frontier areas of science including Materials Science. In recognition of this the University Grants Commission, New Delhi has sanctioned a major program to the University of Mysore, under University with Potential for Excellence (UPE).

Through this program, M.Tech., in Materials Science has been started at the University of Mysore involving the senior faculty from various PG Departments, and are actively involved in teaching and training the M.Tech. Students with the state of the art facilities established at the Center for Materials Science and Technology. The Center is actively involved in high end research on functional advanced materials including nanocomposites with application potential. The researchers have developed several products, which are in various stages of commercialization. Also the center is actively involved in industrial collaboration. This proposed conference sponsored by the UPE grants provides a perfect platform for researchers to share their latest research findings. The proposed conference has conceived a highly comprehensive theme to focus on three major areas of applications such as energy, environmental and health care. Since this is a frontier area of research in the current context, the conference is expected to attract a large number of participants from all over the country and abroad.

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Conference covers the following topics:

- Synthesis of Materials - Functional organic, inorganic, biological and polymeric materials.
- Carbon forms
- Characterization of Materials
- SCF Technology, Multi-energy Processing
- Nature Inspired Processes (Bio-mimetic, Geo-mimetic, etc.)
- Advanced Processing of thin films and 3D printing
- Sol Gel Technology
- Nanotechnology
- Nanomaterials including nano-composites and hybrid materials
- Food products and packaging materials
- Biomaterials, nanobiotechnology, biophotonics, biosensors, bioelectronics materials
- Engineering materials & devices for environment & energy application
- Advanced drug delivery systems
- Natural products & drug designing (molecular biology), Bio-functionalization
- Materials for next generation energy applications
- Materials for carbon capturing
- Materials for hydrogen generation, water splitting & environmental safety