

## REGISTRATION FORM\*

**A National Conference  
on  
Science and Technology of Functional  
Materials (STFM-2019)**

**December 6-7, 2019**

**Department of Physics  
Siksha 'O' Anusandhan (Deemed to be University)  
Bhubaneswar 751030, Odisha**

Name (Block Letters) : .....

Gender (M/F) : .....

Designation : .....

Affiliation/Organization : .....

Address : .....

.....

Mobile : .....

E-mail : .....

Title of Paper : .....

.....

.....

Mode of presentation: Oral/Poster

Accommodation Required (Yes/No) : .....

Date and Time of Arrival : .....

Date and Time of Departure : .....

Food Preference : Veg/Non-Veg

**Date:** *Signature*

*\*Photocopies of this form may also be used. Registration form duly filled in should reach by 30<sup>th</sup> November 2019.*

Prof. T. K. Nath, IIT, Kharagpur  
Prof. P. R. Raychoudhury, IIT, Kharagpur  
Prof. K. L. Yadav, IIT, Roorkee  
Prof. Manoranjan Kar, IIT, Patna  
Prof. P.K Bajpai, GGU, Bilaspur  
Prof. V. K. Daspandey, NIT, Nagpur  
Prof. K. K. Nanda, IISC, Bangalore  
Prof. Vinay Gupta, IIT, Delhi  
Prof. B. S. Murty, IIT, Chennai  
Prof. P. K. Nanda, Dean (Research), SOADU  
Prof. P. K. Sahoo, Dean, ITER, SOADU  
Prof. P. C. Dash, Head, Physics, SOADU

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### General Correspondence

**Convener, STFM-2019**

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**Siksha 'O' Anusandhan**

(Deemed to be University)

**Bhubaneswar-751 030, Odisha, India**

**E.mail: stfm2019@soa.ac.in**

## A National Conference on Science and Technology of Functional Materials (STFM-2019)

**December 6-7, 2019**



*Organized by*

**Department of Physics**

**Siksha 'O' Anusandhan**

(Deemed to be University)

**Bhubaneswar- 751 030, Odisha, India**

*In collaboration with*

**International Academy of Physical Sciences**

**Allahabad-211 002, India**

## About the Conference

In the last two decades, functional materials have attracted huge attention from the scientific community. Nowadays, research activities mainly concern on functional materials which are capable of generating mechanical motion, based on physical principles intrinsic to the material itself. Generally, functional materials are those materials which possess native properties and functions, such as ferroelectricity, piezoelectricity, magnetism and energy storage. Functional materials are found across all classes of materials, including ceramics, metals, polymers and organic compounds; they are typically used in electromagnetic applications and in materials for energy applications, such as electro- and magneto- caloric materials for energy storage or solar harvesting functions. These materials encompasses all materials types including inorganic, organic, hybrid and nano materials, soft matter and interfaces with specific functions such as: (i) **Adaptive materials** (sensors, actuators, memories and energy harvesters, etc), (ii) **Electronic materials** (semiconductors, dielectrics, ferroelectrics, half metals and superconductors, etc.), (iii) **Magnetic materials** (spintronics, molecular magnets, superconductivity, creation and distribution of electricity, etc) and (iv) **Optical materials** (lenses, mirrors, windows, prisms, polarizers, detectors, and modulators) and etc. Accordingly, it is quite important to have a broad knowledge of this multi-potential field of science for students, scientists and engineers working in the related areas.

## Scope of the conference

The objective of this conference is to bring together experts from academic institutions, industries and research organizations from across the country to share knowledge, expertise and experience in the emerging fields of research on the theme of the conference.

It will also provide the researchers the opportunity to present their latest findings in a conference environment, hopefully stimulating meaningful debate, enabling in-depth technical discussions, and allowing significant exchange of knowledge.

The conference is aimed to provide a forum for UG/PG College teachers, young research scholars, and PG students to participate in the proceedings for encouraging them to take up active interest in research and development.

The conference aims to cover experimental studies dealing with the basic concepts of functional materials like electronic, magnetic, optical properties etc. and applications of these materials.

## Presentation

The conference will include

- Invited Talks
- Oral Presentation
- Poster Presentation

## About the University

Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar declared u/s 3 of UGC Act, 1956 is a leading University in India offering professional programmes in the disciplines of Master of Sciences, Engineering, Medicine, Dental Science, Nursing, Pharmaceutical Science, Biotechnology, Management, Law, Hotel Management and Agricultural Sciences. Today **Siksha 'O' Anusandhan (SOA)** has emerged as one of the fastest growing university in the country. SOA has been granted Category-II Graded Autonomy Status by University Grants Commission in 2018.

Based on its all round performance, this University has been awarded ranks among top 25 in the country in University category by National Institutional Ranking Framework (NIRF) of Ministry of Human Resources & development (MHRD), Govt of INDIA consistently for last three years, surpassing many State & Central University/ IIT's / Institute of high learning. In 2018-19 it has been declared 24<sup>th</sup> Best in University Category. This is the only University in Odisha to have achieved such accolade. Approved by UGC & AICTE, it has been re-accredited by the NAAC with A-Grade and has obtained the International Accreditation by ABET, USA and certification by IAO, URS, UK.

## International Academy of Physical Sciences (IAPS)

The Academy is created as a scientific body incorporating different field of Sciences such as Physics, Chemistry, Mathematics, Statistics, Geology, Geophysics and Geography, Computer Science, Informatics, Biochemistry, Biophysics etc. The IAPS is a scientific organization of recent appearance but it has already made a visible impression by involving in it through membership, fellowship and its activities, a large number of scientists of India and abroad, and its publications are helping in the expansion of scientific knowledge.

## Travel Information

The university is situated at Bhubaneswar, the capital city of Odisha. It is well connected by air, rail and bus. It is hardly 5 km away from the airport, 8 km from the railway station and 3 km from the bus stand. With the winter remaining active, the average temperature in December remains in between 15-30 C.

## Important Dates:

Last date of Abstract Submission	15.11.2019
Intimation of Acceptance	20.11.2019
Last date of Submission of full papers	30.11.2019
Last date of Registration	30.11.2019

## Registration Fee

Registration Fee is to be paid on spot.

M.Sc. Student:	Rs. 200/-
Research Scholars:	Rs. 500/-
Faculty and Post Doctoral Fellow:	Rs. 1000/-

## Abstract Submission

The details regarding the preparation of one page abstract can be found at the end of this announcement. Authors are requested to submit their abstract(s) through email in MS word format as in the attachment to: [stfm2019@soa.ac.in](mailto:stfm2019@soa.ac.in). Acceptance of the abstracts will be notified through e-mail. There will be a poster session. Scanned copy of duly filled in Registration form should be sent only after acceptance of the abstract. *Papers presented in the conference will be published in a Scopus-indexed international journal.*

## Accommodation

Accommodation to the students/research scholars will be provided on request and on payment basis at University Hostels located in the campus. Request for accommodation should be made in advance by submitting a duly filled in registration form in the attached format.

## Patron-in-Chief

**Prof. Manojranjan Nayak**, President,  
Siksha 'O' Anusandhan (Deemed to be University)

## Patron

**Prof. Amit Banerjee**, Vice Chancellor,  
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