

ORGANISING COMMITTEE

PATRONS

Swami Kamalasthananda
Principal, Ramakrishna Mission V. C. College, Rahara

Dr. Kamal Dasgupta
Acting Director, CSIR – Central Glass & Ceramic Research Institute, Kolkata

ADVISOR

Dr. Chandrakanta Bandyopadhyay
Head, Department of Chemistry (with P.G. section)
Ramakrishna Mission V. C. College, Rahara

CONVENER

Dr. Subhabrata Banerjee
Ramakrishna Mission V. C. College, Rahara

MEMBERS

Dr. Tapas Ghosh	:	Ramakrishna Mission V. C. College, Rahara
Dr. Kumar Ranabir Sur	:	Ramakrishna Mission V. C. College, Rahara
Dr. Ranjan Patra	:	Ramakrishna Mission V. C. College, Rahara
Dr. Buddhadeb Dutta	:	Ramakrishna Mission V. C. College, Rahara
Dr. Bipul Mondal	:	Ramakrishna Mission V. C. College, Rahara
Dr. Kaustab Mandal	:	Ramakrishna Mission V. C. College, Rahara
Dr. Supratim Suin	:	Ramakrishna Mission V. C. College, Rahara
Dr. Sougata Sarkar	:	Ramakrishna Mission V. C. College, Rahara
Dr. Debabrata Jana	:	Ramakrishna Mission V. C. College, Rahara
Mr. Gangadhar Chakraborty	:	Ramakrishna Mission V. C. College, Rahara

REGISTRATION CHARGES

Teachers	:	200/-
Students and Research scholars	:	100/-

FOR REGISTRATION AND ANY OTHER QUERIES PLEASE CONTACT

Dr. Tapas Ghosh
Email: ictg_64@yahoo.co.in
Phone: +91 9163850627

Dr. Subhabrata Banerjee
Email: argon123@rediffmail.com
Phone: +91 9433904719



National Level Seminar On CHEMISTRY OF FUNCTIONAL MOLECULES

Sponsored by
**University Grants Commission
New Delhi**

Organized by
**Department of Chemistry
Ramakrishna Mission
Vivekananda Centenary College,
Rahara, Kolkata-700118**

In collaboration with
**CSIR - Central Glass &
Ceramic Research Institute,
Jadavpur, Kolkata – 700 032**

Venue

Swami Vivekananda Hall
Ramakrishna Mission
Vivekananda Centenary College
Rahara, Kolkata – 700 118

**Tuesday
September 20, 2016**

The present era of functional molecules is principally concerned with all passionate attempts in the fabrication of diverse advance materials where the term "functional" is often used in combination with newly designed materials to indicate their potential for definite successful applications. Indeed, the definition "functional molecules" has already been applied to a large number of different compounds, ranging from a series of diverse nanoscale architectures (e.g., graphene and other nano-dimensional materials) to varied supramolecular building units (e.g., metal-organic frameworks, supramolecular gel etc.); from liquid crystals, biomaterials, block copolymer nanocomposites, and inorganic-organic hybrids to silicates and zeolites, metals, metal oxides, thermochromic materials, organic and inorganic semiconductors, organic and hybrid sensors and many others. The definition is certainly justified for all these class of materials, as almost every member of the above materials could somehow be designated as a functional one and in true sense, it is much harder to imagine a material not exhibiting any kind of function or functionality. Therefore a functional material could be assigned as being prepared from a "target motivated" approach, possess particular native properties and functions of their own and finally, all its properties are adjusted and optimized to serve a specific purpose. Therefore, with the rapid development of science and technology, these newly fabricated, functionalized materials/molecules have covered an essential part of our daily lives. This is evident from the silicon chip with its ever-increasing power, the light-emitting materials at the heart of today's telecommunication system or DVD players, novel liquid crystal displays, the magnetic materials used in recording devices, nanomedicines and even more applications. Hence, the design and tailored fabrication of functional molecules based materials is of crying need and being rapidly spreading out worldwide to open up a wide range of opportunities with customized solutions. In these perspectives, functional molecules/molecular materials are ubiquitous and further progress in design and fabrication of these materials or molecules needs interaction and sharing of new knowledge with scientists, academicians, students and researchers working in similar areas. The seminar will cover a broad spectrum of key topics related to energy, environmental and nanostructure materials.

Therefore this seminar will provide an ideal platform for the students and researchers to interact directly with the eminent scientists to motivate themselves for making their career in this emerging field and also be an excellent opportunity for researchers and faculty members to exchange research ideas and to create an environment for collaborative endeavours in emerging frontier interdisciplinary areas.

PROGRAMME SCHEDULE
Venue: Swami Vivekananda Hall
September 20, 2016

- 9:30 a.m.-10:00 a.m. : Registration of Participants
 10:00 a.m. – 10:30 a.m. : Inauguration
 10:30 a.m. – 11:00 a.m. : High tea break
 11:00 a.m. – 11:30 : KEY – NOTE ADDRESS
 Prof. Basab Chaudhuri
*Vice Chancellor,
 West Bengal State
 University, Barasat*

Technical Session – 1
[Chairperson: Prof. Amitava Patra]

- 11:30 a.m. – 12:15 p.m. : Prof. Tarasankar Pal
*Department of Chemistry
 Indian Institute of
 Technology, Kharagpur*
 12:15 p.m. – 1:00 p.m. : Dr. Chittaranjan Patra
 Biomaterials Group
 CSIR-Indian Institute of
 Chemical Technology
 Hyderabad - 500607

1:00 p.m. – 2:30 p.m. : Lunch & Poster Session

Technical Session – 2
[Chairperson: Prof. Tarasankar Pal]

- 2:30 p.m. – 3:15 p.m. : Prof. Goutam De
*Chief Scientist & Head
 Nano-Structured Materials
 Division , CSIR – Central
 Glass & Ceramic Research
 Institute, Jadavpur, Kolkata
 – 700032*
 3:15 p.m. – 4:00 p.m. : Prof. Amitava Patra
*Senior Professor & Head
 Department of Materials
 Science, Indian Association
 for the Cultivation of
 Science, Kolkata - 700032*
 4:00 p.m. – 4:30 p.m. : Interactive Session
 4:30 p.m. – 4:45 p.m. : Valedictory Session
 4:45 p.m. : Tea

**CALL FOR ABSTRACTS
 AND PAPERS**

Abstracts are invited for poster presentation only, which should reach us by September 04, 2016 for inclusion in the proceedings. The abstract must be e-mailed as "MS Word" file.

The abstract should be provided with a title, name of the author(s) with affiliation(s). The corresponding author and the presenting author must be indicated in the abstract along with their email address and contact number. The author(s) of the selected abstracts will be intimated in advance, they are to present their work in the poster session on the day of the seminar.

Guidelines for submitting the abstract:

Font style : Times New Roman
 Font size : 12 with double spacings
 Word limit : Abstract (300 words)

Only electronic version will be
 accepted.

Abstracts/Papers will have to be sent only as "doc" or "docx" file. All drawings will have to be incorporated within the "doc" or "docx" file itself. No separate file is needed.

Electronic version of the abstract will have to be sent to:

Dr. Sougata Sarkar
 Email: sougata.sarkar81@gmail.com

Dr. Supratim Suin
 Email: supratim.ic@gmail.com