



'One Day Seminar
on
**"Trends in Surface
Science and Related
Areas (TSSRA)"**

Organised by
Department of Chemistry
Ramakrishna Mission
Vivekananda Centenary College
Rahara, Kolkata – 700118

In collaboration with
Indian Society for Surface Science
and Technology (ISSST)
Department of Chemistry,
Jadavpur University, Kolkata – 700 032

Date

**28th July
2017**

Venue

**Swami Vivekananda Hall
Ramakrishna Mission
Vivekananda Centenary College, Rahara
Kolkata – 700118**

BACKGROUND

Indian Society for Surface Science and Technology (ISSST) organizes scientific seminars, workshops, conferences on surface science and related areas from time to time. Surface Science is an important area of study and research, and has immense implications in respect of practical use. This year, ISSST and the Department of Chemistry (with Post Graduate Section), Ramakrishna Mission Vivekananda Centenary College, Rahara, Kolkata are organizing a one-day seminar at Ramakrishna Mission V C College, Rahara with the objective of bringing scientists, teachers and students together on one platform and motivate them to pursue studies and research in the frontier areas of surface science and technology. In fact ISSST started organizing such a seminar series entitled "Trends in Surface Science and Related Areas (TSSRA)", since 2006. The present seminar is one of the series.

AIM AND SCOPE

The present conference is a platform to the scientists, technologists and students to meet, exchange, and share their views, experience, expertise and specialized knowledge in the field of Surface Science and Technology. The interaction amongst the scientific community- senior scientists, technologists young researchers and students will hopefully identify priority research areas and collaborative research plans. The deliberations are expected to cover various facets of Surface Science that would mainly include: Interfacial Phenomena & Adsorption, Membranes & Biomimetics, Excited state & Oscillatory processes, Colloids & Surfaces, Micelles, Emulsions & Microemulsions, Gels & Network materials, Polymers, Supra-molecular Assemblies (liposomes & vesicles), Nanomaterials and Nanotechnology.

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 areas of surface science and technology.

PROBABLE SPEAKERS

Dr. Koustab Mandal (RKMVCC)

Dr. Dipankar Halder (FTBE, JU)

Dr. Tandrima Chowdhury

Dr. B. Naskar

Mr. Koushik Basu (Mumbai)

Representative from Orbit Research (New Delhi)

CALL FOR ABSTRACTS FOR POSTER PRESENTATION

Abstracts are invited for poster presentation only, which should reach us by **July 16, 2017** 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, graphs and figures 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

ORGANISING COMMITTEE

- PATRON :** Swami Kamalasthananda
Principal, Ramakrishna Mission V. C. College, Rahara
Prof. D. K. Chattoraj (*Jadavpur University*)
Prof. S. P. Moulik (*Jadavpur University*)
Prof. D. C. Mukherjee (*ISSST*)
- ADVISOR :** Dr. Chandrakanta Bandyopadhyay, *Head, Department of Chemistry, R.K.M.V.C.C.*
Prof. A. K. Rakshit (*ISSST*)
Prof. A. R. Das (*ISSST*)
Prof. S. C. Bhattacharya (*JU*)
Dr. K. P. Das (*BI*)
- CONVENER :** Dr. Buddhadeb Dutta, *Ramakrishna Mission V. C. College, Rahara*
Dr. R. Debnath (*ISSST*)
- TREASURER:** Dr. Supratim Suin, *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*
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Dr. Kaustab Mandal, *Ramakrishna Mission V. C. College, Rahara*
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Dr. Debabrata Jana, *Ramakrishna Mission V. C. College, Rahara*
Mr. Gangadhar Chakraborty, *Ramakrishna Mission V. C. College, Rahara*
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Dr. A. Panda, (*ISSST*)
Dr. R. Ghosh, (*ISSST*)
Dr. B. Das, (*ISSST*)
Dr. S. Das, (*ISSST*)
Dr. A. B. Mandal, (*ISSST*)
Dr. A. Mitra, (*ISSST*)

REGISTRATION CHARGES:

Teachers : Rs. Two Hundred fifty only

Students and Research Scholars : Rs. One Hundred fifty only

[Registration fee may be paid in cash at the Registration Desk on the day of the Seminar or may be paid by Cheque (in favour of Indian Society for Surface Science & Technology (drawn on any local bank)).

Please confirm your participation through prior registration by email.

For registration and any other queries please contact:

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