



MRSI Newsletter

*A quarterly publication of the Materials Research Society of India
for circulation amongst its members*

Volume B 12 Number 1

January 2012

From the Editors' Desk

Hybrid organic-inorganic materials are composites consisting of two constituents at the nanometer or molecular level. Though the original birth of hybrid materials is not known exactly, it is clear that the mixing of organic and inorganic components is being carried out from the ancient times. Even many natural materials consist of inorganic and organic building blocks distributed on the nanoscale.

Hybrid materials represent one of the most fascinating developments in materials chemistry in recent years because of potential materials applications. They are simple to process and are amenable to design on the molecular scale. However, investigations to understand the structure-property relationships are crucial as they are not well understood. Future of hybrid materials appears bright and lots of development are expected in 2012. These new class of materials is going to play a major role in the development of advanced functional nanomaterials.

The editor takes this opportunity to wish all the members of MRSI a very happy, prosperous year ahead.

K K Nanda
Editor

For more details about the activities of MRSI, members are advised to visit the society's website at

www.mrsi.org.in

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MRSI NEWSLETTER

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The MRSI Newsletter is a quarterly update published by the Materials Research Society of India. Members are requested to contribute information of interest to Materials Science community. Members can inform through the Newsletter, recognitions/awards received by them, changes in address, forthcoming events, and any interesting scientific/technological developments in the area of materials. The relevant information should be sent to the following address:

Editors

MRSI Newsletter

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Awards & Distinctions Conferred on Members

We are happy to report that the following members of Materials Research Society of India have received awards and distinctions shown against their names. MRSI congratulates them.

CNR Rao	(i) Ernesto Illy Trieste Science Prize (2011) (ii) Dhirubhai Ambani Lifetime Achievement Award for Innovation (2011).
Baldev Raj	(i) Homi Bhabha Lifetime Achievement Award-10th Indian Nuclear Society (2010) (ii) H.J Bhabha Gold Medal and Memorial Award by Indian Science Congress (2012) (iii) J.C. Bose fellowship award of D S T
S B Krupanidhi	Elected Fellow of Indian National Science Academy (2012)
Hemant Kumar	INS Young Engineer Award (2010)
Arvind Sinha	(i) Elected Fellow of National Academy of Sciences India (2011) (ii) N.P. Gandhi Memorial Trust Fellow, BHU, Varanasi (2011)
Asmita Sengupta	'Bharat Jyoti' and 'Glory of India' by India International Friendship Society and International Institute of Success Awareness (2011)
Bhupendra N Dev	Elected Fellow of the National Academy of Sciences (2011)

P.S: Members are requested to communicate to the Editorial office about the Awards, Honours and Distinctions they have received from various agencies.

NOTICE

ANNUAL GENERAL BODY MEETING OF MRSI

The **Twenty Third Annual General Body Meeting** of MRSI will be held on **14th February 2012** from 18.00 to 19.30 hrs at Thapar University, Patiala.

The Agenda for the Meeting is as follows:

- Welcome by the President, MRSI
- Confirmation of the Minutes of the 22nd Annual General Meeting and action thereon
- Presentation of the Annual Report for 2011
- Report on International links of Materials Research Society of India
- MRSI-Publications-Report by the Editor
- Award for the Best Paper published in Bulletin of Materials Science
- Presentation of the Statement of Accounts for 2011
- Election of Honorary Members
- Venue for the 24th AGM, 27th Council Meeting (2013) & 25th AGM, 28th Council Meeting (2014)
- Items from the members
 - Proposal from Kalpakkam chapter of MRSI to hold the next AGM at Kalpakkam (2013)
- Any other matter
 - Hosting of IUMRS-ICA in Bangalore during 2013

Kindly communicate the details of the AGBM to all the members of MRSI.

**23rd ANNUAL GENERAL MEETING OF MRSI AND THEME SYMPOSIUM ON
'FUNCTIONAL MATERIALS FOR SUSTAINABLE ENERGY
AND ADVANCED TECHNOLOGIES'**

FEBRUARY 13-15, 2012

THAPAR UNIVERSITY, PATIALA

TENTATIVE PROGRAMME

<p>FEBRUARY 13, 2012 Venue: Thapar University Auditorium</p> <p>08.30-11.00 hrs MRSI-AGM Registration 09.00-10.00 hrs Inaugural function 10.00-11.00 Distinguished Materials Scientist of the Year Award Lecture Prof. Vikram Kumar, IIT, New Delhi</p> <p>11.00-11.30 hrs High Tea</p> <p>11.30-13.00 hrs Technical Session-I Medal Lectures (ML) Dr. BLV Prasad, NCL, Pune</p> <p>11.30-12.00 hrs ML 1 12.00-12.30 hrs Dr. Ramaprosad Mukhopadhyay, BARC, Mumbai 12.30-13.00 hrs ML 2 12.30-13.00 hrs Prof. Ratnamala Chatterjee, IIT, New Delhi ML 3 13.00-14.00 hrs Lunch 14.00-16.00 hrs Technical Session-II Invited Lecture (IL) & Medal Lectures Dr. A K Grover, TIFR, Mumbai</p> <p>14.00-14.30 hrs IL 14.30-15.00 hrs Prof. Bikramjit Basu, IISc, Bangalore ML 4 15.00-15.30 hrs Prof. Vinay Gupta, Delhi University, New Delhi ML 5 15.30-16.00 hrs Prof. I Samajdar, IIT, Mumbai ML 6 16.00-17.30 hrs Tea & Poster Session-I 18.00-20.00 hrs Cultural Programme 20.00 hrs Dinner</p>	<p>11.15-13.15 hrs Technical Session-IV 11.15-11.55 hrs ICSC Superconductivity and Materials Science Annual Prizes 1. Prof. S M Shiva Prasad, JNCASR Bangalore 2. Prof. R P Tandon, Delhi University New Delhi 3. Dr. Amlan J Pal, IACS, Kolkata</p> <p>11.55-12.35 hrs 2. 12.35-13.15 hrs 3. 13.15-14.00 hrs Lunch</p> <p>14.00-16.00 hrs Technical Session-V 14.00-14.30 hrs Medal Lecture (ML) ML 9 Dr. Chandra Prakash, DRDO New Delhi 14.30-16.00 hrs GC Jain Memorial Lectures 1 Chandra Shekhar Sharma, IIT, Hyderabad 2 Govind G Umarji, C-MET, Pune 3. Debraj Choudhury, RIKEN, Japan 4. Mallar Ray, BESU, Shibpur 5. Archana Malik, NIT, Rourkela</p> <p>16.00-17.30 hrs Tea & Poster session –II 18.00-19.30 hrs Annual General Body Meeting 20.00 hrs Director's Dinner</p>
<p>FEBRUARY 14, 2012 Venue : Thapar University Auditorium and Convention Hall</p> <p>09.00-10.45 hrs Technical Session-III 09.00-09.45 hrs CNR Rao Prize lecture in Advanced Materials Prof. A K Sood, IISc, Bangalore</p> <p>09.45-10.15 hrs Dr. Roy Johnson, ARC-I, Hyderabad ML 7 10.15-10.45 hrs Prof. Arindam Ghosh, IISc, Bangalore ML 8</p> <p>10.45-11.15 hrs Tea Break</p>	<p>February 15, 2012 Venue : Thapar University Convention Hall</p> <p>09.00-10.30 hrs Technical Session –VI Medal Lectures (ML) 09.00-09.30 Dr. SAR Hashmi, AMPRI, Bhopal ML 10 09.30-10.00 hrs Dr. R Vijayaraghavan VIT University, Vellore ML 11 10.00-10.30 hrs Dr. Tarun K Mandal, IACS, Kolkata ML 12 10.30-11.00 hrs Tea Break</p> <p>11.00-13.00 hrs Technical session –VII Medal Lectures (ML) 11.00-11.30 hrs Dr. P. Barat, VECC, Kolkata ML 13 11.30-12.00 hrs Prof. (Mrs).Manocha, SP University, Vallabh Vidyanagar ML 14 12.00-12.30 Dr. K.K. Raina, Thapar University, Patiala ML 15</p>

12.30-13.00 hrs ML 16	Dr. T K Nath, IIT, Kharagpur	14.30-15.00 hrs	IL 3
13.00-14.00 hrs	Lunch	15.00-15.30 hrs	IL 4
14.00-16.00 hrs	Technical Session –VIII Invited Lectures (IL)	16.00-16.30 hrs	Concluding and prize distribution ceremony
14.00-14.30	IL 2	16.30 hrs	High Tea

For further details contact :

The Secretariat, 23rd AGM of MRSI, School of Physics and Materials Science, Thapar University, Patiala 147 004, Tel Nos: 0175-2393037/2393116/2393010, Fax Nos: 0175-2364498/2393005, Emails: kkraina@thapar.edu/kkraina@gmail.com, oppandey@thapar.edu/hspms@thapar.edu, website: www.thapar.edu/mrsi/agm2012

MRSI AGM 2012

The 23rd AGM of MRSI is being held at Thapar University, Patiala during February 13-15, 2012. The AGM would include Medal Lectures., MRSI Honour Lectures and MRSI-ICSC Award Lectures along with the contributed poster papers covering the latest work of materials science community of the country. MRSI-AGM would also include a theme symposium on ‘**Functional Materials for sustainable Energy and Advanced Technologies**’. The MRSI-AGM will take stock of the latest developments in the field of materials worldwide and within the country as well and to formulate guidelines for further research and development in the country.

Members of MRSI and other scientists/technologists/ students are encouraged to send abstracts of contributed papers to: Professor. K K Raina, School of Physics and Materials Science, Thapar University, Patiala 147 004, Tel (Off): 0175-2393037/2393010, Fax No. 0175-2364498/2393005, Email: oppandey@thapar.edu, hspms@thapar.edu

CALENDAR OF EVENTS

February 13-15, 2012, 23rd Annual General Meeting of MRSI, Prof. K.K. Raina, Deputy Director, School Of Physics & Materials Science, Thapar University, Patiala – 147004, Tel No. 0175-2393037, 2393010, Fax No. 91-175-2364498, 2393005, E-mail :kkraina@thapar.edu kkraina@gmail.com OR Dr. O.P. Pandey, Head, School of Physics & Materials Science, Thapar University, Patiala – 147004, Tel No. 0175-2393116, Fax No. 91-175-2364498, 2393005, E-mail : oppandey@thapar.edu, website: www.thapar.edu/mrsi/agm2012

Members are requested to give information about the conferences/symposia/workshops they are organizing well in advance so that the same can be inserted in the “calendar of events”

New Members

Enrolled between November 1 and December 31, 2011

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Patron Membership

Professional Societies, Research bodies, Laboratories and Companies willing to support activities of MRSI (through a one-time contribution of Rs. 50,000/- are enrolled as Patron members by the Council of the MRSI.

Privileges of Patron Members:

- Publication of their names in MRSI Newsletter
 - Bulletin of Materials Science / MRSI Newsletter
 - MRSI Update
- Free supply of all periodicals published by MRSI such as:

-	Symposium proceedings at prices applicable to members
-	Display of Company Literature free of charge at MRSI meetings
-	Discounts on advertisements in Newsletter
-	Advance notification of programmes and events
-	Free employment Advertisements in the MRSI Newsletter
-	Registration of 2 company representatives in each society meeting at member registration rates

We appeal to all organizations /laboratories/companies involved in the R&D/Educational activities of Materials Science and Technology to become Patron members.

Request for Patron membership may be made to:

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Book Post / Newsletter

From:

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