



MRSI Newsletter

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for circulation amongst its members*

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The Twenty Sixth Annual General Body Meeting of Materials Research Society of India was organized by Department of Physics, University of Rajasthan, Jaipur with the Theme symposium "Materials for Inclusive Development". The meeting was inaugurated by Bharat Ratna, Prof. CNR Rao and Vice- Chancellor, University of Rajasthan, Jaipur, Shri Hanuman Singh Bhati presided over the function. The Society congratulates all the award winners for their significant contribution to Materials Science and thanks all the participants in making the meeting a great success.

In the general body meeting, it was decided to have the Twenty Seven Annual General Meeting of Materials Research Society of India at Jorhat, Assam during February 2016. The Society also got Dr. Suresh Das as the new President. We would like to congratulate Dr. Suresh Das on behalf of the Society for accepting the responsibility. We would also like to congratulate other new members and Prof. Peter G Bruce (University of Oxford, UK) & Prof A Suzuki (Yokohama National University, Japan) as the honorary members of the Society.

We would like to thank Dr. G. Sundararajan for serving as the President of the Society and helping us in various ways over these years. We solicit his continuous support in coming years.

K K Nanda
Editor

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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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President's Message

It is a great privilege and honour to be called to serve as the President of the Materials Research Society of India. The MRSI has had outstanding scientists serving as past presidents and I wish to thank them all for the great legacy that they have bestowed upon the Society. I hope that in the coming years with the active participation and support of all the members we can carry forward the good work. The capability to develop new materials, improve existing ones and to suitably manipulate them for various applications has always been one of the important keys for developing newer technologies in almost all areas of relevance to our country, including some of the priority areas such as energy, environment and water management. The MRSI has been in the forefront of promoting this very important area of science in the Country. With more than 3000 active members drawn from different disciplines such as physics, chemistry biology and engineering the MRSI has become one of the most vibrant societies in the country. The meetings organized by MRSI provide an opportunity for many of the students and young scientists to mingle freely with leading experts and also help in promoting interdisciplinary interaction between people working in different disciplines. I hope that in the coming years the MRSI will continue to grow in strength with increasing participation of researchers both from the academia and industry, enabling the society to play an active role in improving the quality and relevance of materials science research being done in this country.

Dr. Suresh Das
President, MRSI

MRSI COUNCIL (2015-2018)

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MRSI Newsletter	Dr. K K Nanda

CHAPTERS

Bangalore	Bhopal	Chennai	Gujarat	Hyderabad
Jamshedpur	Kalpakkam	Kharagpur	Kolkata	Lucknow
Mumbai	New Delhi	Pune	Rajasthan	Roorkee
Thiruvananthapuram	Varanasi / Kanpur	Allahabad	Himachal Pradesh	Patiala

SUBJECT GROUPS

Biomaterials (including Soft Matter)	Ceramics and Glasses (including Building Materials)	Computational Materials Science	Electronic Materials	Energy Materials
Growth and Characterization of Nanomaterials	Magnetic and Superconducting Materials	Metals and their Alloys	Optical and Laser Materials	Polymers and Organic Materials
Semiconductors, Dielectrics and Ferroelectrics	Thin Films, Surfaces and Interfaces			

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.

- S Vasudevan**
- i. ISEAC Eminent Scientist Award (2013)
 - ii. International Highest Publication Award (2014)

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

Minutes of the 26th Annual General Meeting of MRSI

The Twenty Sixth Annual General Body Meeting of Materials Research Society of India was held on Thursday, the 10th February 2015 at the Innovation Centre, Humanities Block, University of Rajasthan, Jaipur. The President, Dr. G Sundararajan welcomed the members and conducted the AGM.

Prof. S B Krupanidhi, Vice President-General Secretary presented the Annual report of MRSI for the year 2014. Some aspects of the report are given below.

1. The APAM India Chapter held its meeting at Jaipur on 8th February, 2015.
2. The following paper has been adjudged as the best paper in the Bulletin of Materials Science for the year 2013.
“Impact of interfacial interactions on optical and ammonia sensing in zinc oxide/polyaniline structures”, Vol. 36, No. 4, August 2013, pp 647.
3. The statement of accounts for the year 2013-14 and the Provisional statement as on 31.12.2014 were presented at the AGM.
4. The following scientists have been elected as Honorary Members of MRSI for the year 2015.
 - i. Prof. Peter G Bruce (University of Oxford, UK)
 - ii. Prof A Suzuki (Yokohama National University, Japan)
5. The 27th Annual General Meeting of MRSI will be held at Jorhat, Assam during February 2016.

The meeting concluded with a vote of thanks to the chair.

REPORT ON THE 26th AGM OF MRSI

The 26th AGM of MRSI was organized by Department of Physics, University of Rajasthan, Jaipur with the Theme symposium: "Materials for Inclusive Development". This was inaugurated by Bharat Ratna, Prof. CNR Rao on February 9, 2015 and Vice-Chancellor, University of Rajasthan, Jaipur, Shri Hanuman Singh Bhati presided over the function.

It has been an honor to felicitate Prof. Rao on the occasion and Vice Chancellor University of Rajasthan also presented a citation to Prof. Rao.

Three day deliberations had XI technical sessions, 7 Award Lectures, 3 G.C. Jain Memorial Lectures, 17 MRSI Medal Lectures and 2 invited lectures on Theme of Symposium and 2- students presentations.

First day, February 9, 2015, Prof. G. Sundararajan, chaired the session 1st technical session, it started with International Medal for Materials Science and Technology award lecture by Prof. Peter Bruce, Oxford University, U.K. He discussed materially better energy storage, role of nanostructured materials and other exciting materials challenges.

Distinguished Materials Scientist of the year awardee, Prof. A.K. Raychaudhuri, S.N. Bose National Centre for Basic Sciences, Kolkata, delivered his work on nanolithography and physical measurements at nanoscale. In the second session chaired by Prof. S.B. Krupanidhi, Prof. A. Suzuki, Yokohama National University, Japan, presented his work on phase transition of gels by visible light. MRSI Silver Jubilee Award was presented to him. Also, on first day, MRSI medal lecture presentation was made by Dr. Nikhil R. Jana.

Centre for Advanced Materials, Indian Association for the Cultivation of Science, Kolkata, Prof. S. Gopukumar, ESSD-CSIR, Karaikudi, Tamil Nadu and Prof. P.P Chattopadhyay, Indian Institute of EnggScience and Technology Shibpur, Howrah, West Bengal. First day, IIIrd session was chaired by Prof. E.S.R. Rajgopalan. This day ended with cultural evening.

The second day started with presentation of Dr. George Thomas, School of Chemistry, IISER, Thiruvananthapuram. For his research work on InP materials and its applications, he is conferred upon with ICSC superconductivity and materials science annual prize. Prof. G.P. Kothiyal, chaired this IV technical session. This was followed by MRSI Distinguished Lectureship Award winner lecture by Prof. B.N. Dev, IACS, Jadavpur, Kolkata.

After tea break, technical session V chaired by Prof. A. Krishnamurthy had CNR Rao Prize lecture in Advanced Materials by Prof. D.D. Sarma, IISc, Bangalore; MRSI-Distinguished Lectureship Award lecture by Dr. Dhananjai Pandey, BHU, Varanasi and MRSI medal lecture by Dr. Chandana Rath, BHU, Varanasi.

Since nearly 150 research paper abstracts were contributed for poster presentation, poster session was held on two days viz. 10th & 11th February. A committee visited and examined each presentation and graded these. And in technical session VI, 39 posters were presented.

Parallel, at this time Annual General Meeting MRSI was also held. Prof. Suresh Das, Executive Vice President, Kerala State Council for Science, Technology and Environment, Thiruvananthapuram took over as the new President. Also Jorhat, Assam was decided as the venue for 27th AGM.

Prof. G.K. Ananthasuresh, IISc, Bangalore was also awarded 2nd Distinguished Lectureship award. His and two MRSI medal lectures by Dr. V. Kumar, C-MET, Thrissur, Kerala and Dr. K. R. S. Priolkar, Department of Physics, Goa University, Taleigao Plateau, Goa, presented lectures in session VII, chaired by Prof. B.N. Dev.

The third and last day, had four technical sessions including a poster session and respective sessions were chaired by: Prof. B.K.Sharma, Prof. Anil Kumar and Prof. N.S.Saxena. Two theme lectures were delivered by Dr. A. Balaprasad, University of Pune and Dr. Pratyay Basak, CSIR-IICT, Hyderabad.

Three G.C. Jain memorial lectures : Dr. Satyendra Singh, University of Allahabad, Dr. Kailash R. Nemade, J.D. College of Engineering and Technology, Nagpur and Dr. Anjali Sharma, University of Delhi. Two student lectures by – Ms. Manasi V.Popat, Saurashtra University, Rajkot; Mr. Sovan K. Patra, Central University, Bihar.

MRSI medal Lectures by Prof. K. K. Bamzai, University of Jammu, Prof. Priya Mahadevan, SNBNCBS, Kolkata, Dr. V.M.Jali, Gulbarga University, Dr. G.T. Chandrappa, Bangalore University, Dr. R. Subasri ARCI, Balapur, Hyderabad, Dr. Ajay Dhar, CSIR, New Delhi, Prof. Venimadhav Adyam, IIT, Kharagpur and Prof. Ashish Garg, IIT Kanpur and in the end of the day concluding function was held and names of winners of 5 best poster presentations were announced by Prof. Bhat. Prof. Krupanidhi, General secretary expressed his thanks to Department of Physics, University of Rajasthan, Jaipur.

The meeting ended with a vote of thanks.

Dr. Usha Singh
Convener, 26th AGM of MRSI

New Members

Enrolled between January 1 and March 31, 2015

Life Members

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<p>LMB2435 Lalita Dedwani 245, D Block, Near Bright Future School,, Nirman Nagar Jaipur Tel (Off): 7073650383 Email: lalitedwani@gmail.com</p>	<p>LMB2436 Vijayalakshmi K 46, Gods Park, II Street Kumaran nagar, Bankers colony Extension Tiruchirapally 620 017 9994647287 -R Email: viji71naveen@yahoo.com</p>	<p>LMB2437 Farheen Nasir Sayed Chemistry Division, Mod lab Bhabha Atomic Research Centre, Trombay, Mumbai 400 085 Tel (Off): 022-25592327 / 8 Email: farheensayed7@gmail.com</p>
<p>LMB2438 Dilip Ramsing Patil Principal, RC Patel Arts, Commerce and Science College Shirpur District Dhule (Maharashtra) 425 405 Tel (Off): 9922553765 Email: dr.drpatil@gmail.com</p>	<p><u>STUDENTS' PROJECTS</u></p> <p>MRSI would be supporting projects of students doing B.Tech, M.Tech, ME, M.Phil, Ph.D in the area of Materials Science and Technology. The projects should be undertaken under the supervision of a MRSI member. The students can submit their proposals to the MRSI office before October 31st 2015. After the projects are approved, the students would be supported financially (registration waiver, II class AC train travel and local hospitality) for participating in the AGM of MRSI to present the results of the projects approved.</p>	

Calendar of Events

December 7-11, 2015, 18th International Workshop on Physics of Semiconductor Devices (IWPSD 2015) Conference Chair, Prof. S B Krupanidhi, Materials Research Centre, Indian Institute of Science, Bangalore 560 012, Tel: -080-22932882, Fax: 080-23602028, Email: secretariat@iwpsd2015.org.in, Website: www.iwpsd2015.org.in

October 25-29, 2015, IUMRS-ICAM 2015, international conference on advanced materials, ICC JEJU, Korea, Website: www.iumrs-icam2015.org

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
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-	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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